



February 24, 2020

Project Number: S-2019-0868
CWF Loan Number: 4062-07, 4062-05, 4062-11

Fred Abadi, D.P.W.
City of Waukesha
130 Delafield St.
Waukesha, WI 53188

Subject: Approval of phosphorus treatment upgrades, return flow pump station, and other alterations

Dear Mr. Abadi:

The Department of Natural Resources (hereafter Department) is conditionally approving plans and specifications for phosphorus treatment improvements, return flow pump station, and various other alterations at Waukesha, Wisconsin, submitted under the seal of Andrew Shrank, Professional Engineer, Jacobs Engineering, Inc., Milwaukee, Wisconsin, and received for approval on November 25, 2019. Time extensions totaling 30 days were granted to extend the Department's 90 day statutory review period.

The phosphorus treatment improvements, return flow pump station, and various other alterations, which were submitted as "contract package number 4," will be installed at the City's existing wastewater treatment facility site.

This approval is based upon the facility's existing rated treatment capacity. Flows exceeding approximately 32 million gallons per day (mgd) will bypass the tertiary coagulation, flocculation, sedimentation, and filtration process following secondary treatment. All flows will recombine prior to disinfection. The return flow pump station will have a firm capacity of 12.6 mgd.

The plans and specifications and other reports on file with the Department were used by the Department as the basis for conditional approval.

The plans and specifications are hereby approved in accordance with s. 281.41, Wis. Stats., under approval Number S-2019-0868, subject to the following conditions:

1. That a preconstruction conference be held to familiarize the construction contractor(s) and resident inspector(s) with the erosion control and dewatering requirements and all other provisions and conditions of the approved plans and specifications. If Clean Water Funds will be sought for this project, the Department's construction management engineer must be notified of the preconstruction conference a minimum of 7 days prior to the conference. Notify Frank Fuja (414-303-1711), Construction Manager in the Department's Milwaukee Office.
2. That a competent resident inspector be provided during the course of construction.
3. That erosion control methods be used to prevent siltation to lands and waterways adjoining the construction area. These methods shall include but not be limited to the following:
 - a. Siltation fences,
 - b. Trench stabilization, and
 - c. Immediate mulching and seeding.

4. That this Department is notified when construction commences and again when the approved facilities are placed in operation. Please notify Nick Lent, wastewater engineer in the Department's Milwaukee Office. If Clean Water Funds are being considered for this project, also notify Frank Fuja, Construction Manager in the Department's Milwaukee Office.
5. That if permits under ch. 30, Wis. Stats., are required that no construction begin until such permits are obtained. Information to determine your need for a ch. 30, Wis. Stats., permit can be found at the Department web page for waterways and wetlands permits (dnr.wi.gov/waterways/index.html).
6. That an acceptable operation and maintenance manual, or a manual revision or addendum, be prepared for the approved facilities.
7. That the existing treatment facility be operated effectively during construction to ensure, at a minimum, that the preconstruction treatment levels are maintained and all provisions of the Wisconsin Pollutant Discharge Elimination System permit are met.
8. That sufficient earth cover or other suitable cover be provided over the sewers to prevent freezing.
9. That all necessary permits for dewatering activities associated with the proposed construction be obtained prior to start of construction. In instances of contaminated groundwater, these permits may require treatment and monitoring of the dewatering discharge for various organic and other chemicals.
10. Should the design of force main to be submitted under contract package 2 deviate from the existing design such that pipeline hydraulic conditions substantively change, the portions of this approval for the return flow pump station and return flow pipeline shall be rescinded.
11. That the improvements be installed in accordance with the plans and specifications, and the above conditions, or subsequent essential and approved modifications.

The Department has the authority under s. 281.19(1), Wis. Stats., to adopt rules for the construction, installation, use, and operation of sewerage systems. Chapters NR 108 and 110, Wis. Adm. Code, have been adopted by the Department pursuant to this statutory authority. The Department has the authority to approve, conditionally approve, or deny plans under s. 281.41, Wis. Stats.

This approval is not to be construed as a Department determination on the issuance of a Wisconsin Pollutant Discharge Elimination System (WPDES) permit or an opinion as to the ability of the proposed system to comply with effluent limitations in such a permit.

The plans and specifications have been reviewed in accordance with s. 281.41, Wis. Stats., for compliance with chs. NR 108 and 110, Wis. Adm. Code (or any other applicable section of the Wisconsin Administrative Code or Statutes which may be specifically referenced in the conditions above). This letter should not be construed as an approval for activities requiring approval under other Statutes or by other federal, state or local agencies.

The Department reserves the right to order changes or additions should conditions arise making this necessary.

If you believe that you have a right to challenge this decision, you should know that the Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed. For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the

petition on the Department. Such a petition for judicial review must name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. All requests for contested case hearings must be made in accordance with s. NR 2.05(5), Wis. Adm. Code, and served on the Secretary in accordance with s. NR 2.03, Wis. Adm. Code. The filing of a request for a contested case hearing does not extend the 30 day period for filing a petition for judicial review.

In case construction of this improvement has not commenced or contracts awarded to complete this improvement within two years from this date, this approval shall become void. After two years a new application and plan submittal must be made and approval obtained of this or other plans before any construction work is undertaken.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary



Jason R. Knutson, P.E.
Wastewater Section Chief
Bureau of Water Quality



Andrew Dutcher
Wastewater Engineer
Bureau of Water Quality

e-cc:

Jeff Harenda – City of Waukesha
Andrew Shrank - Jacobs Engineering, Inc.
Brent Brown - Jacobs Engineering, Inc.
Catharine Richardson - Greeley and Hansen, LLC
Jeanne Cargill - DNR CWFP project manager
Nick Lent – DNR wastewater compliance engineer
Frank Fuja - DNR CWFP construction management engineer