



STEVEN L. BESHEAR
GOVERNOR

DEPARTMENT FOR LOCAL GOVERNMENT
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TONY WILDER
COMMISSIONER

September 14, 2009

Mr. Willis Jackson
Bell Engineering
354 Waller Avenue
Lexington, KY 40504

RE: MUC – Wastewater Treatment Plant Upgrades
SX21231016
SAI# KY20090817-1575

Dear Mr. Jackson:

The Kentucky State Clearinghouse, which has been officially designated as the Commonwealth's Single Point of Contact (SPOC) pursuant to Presidential Executive Order 12372, has completed its evaluation of your proposal. The clearinghouse review of this proposal indicates there are no identifiable conflicts with any state or local plan, goal, or objective. Therefore, the State Clearinghouse recommends this project be approved for assistance by the cognizant federal agency.

Although the primary function of the State Single Point of Contact is to coordinate the state and local evaluation of your proposal, the Kentucky State Clearinghouse also utilizes this process to apprise the applicant of statutory and regulatory requirements or other types of information which could prove to be useful in the event the project is approved for assistance. Information of this nature, if any, concerning this particular proposal will be attached to this correspondence.

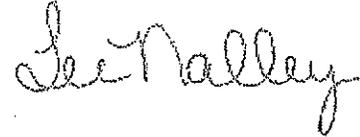
You should now continue with the application process prescribed by the appropriate funding agency. This process may include a detailed review by state agencies that have authority over specific types of projects.

This letter signifies only that the project has been processed through the State Single Point of Contact. It is neither a commitment of funds from this agency or any other state or federal agency.

The results of this review are valid for one year from the date of this letter.
Continuation or renewal applications must be submitted to the State Clearinghouse annually. An application not submitted to the funding agency, or not approved within one year after completion of this review, must be re-submitted to receive a valid intergovernmental review.

If you have any questions regarding this letter, please feel free to contact my office at 502-573-2382.

Sincerely,

A handwritten signature in cursive script that reads "Lee Nalley".

Lee Nalley
Kentucky State Clearinghouse

Attachments

The Office of State Budget Director has made the following advisory comment pertaining to State Application Identifier Number KY200908171575
no comments

The Fish & Wildlife has made the following advisory comment pertaining to State Application Identifier Number KY200908171575
no comments

The Housing, Building, Construction has made the following advisory comment pertaining to State Application Identifier Number KY200908171575
no comment

The Lake Cumberland ADD has made the following advisory comment pertaining to State Application Identifier Number KY200908171575

Budget does not agree with project profile. Profile states total cost is \$8,620,000. The Clearinghouse budget states cost \$8,526,000.

The Heritage Council has made the following advisory comment pertaining to State Application Identifier Number KY200908171575

The applicant must ensure compliance with the Advisory Council on Historic Preservation's Rules and Regulations for the Protection of Historic and Cultural Properties (36CRF, Part 800) pursuant to the National Historic Preservation Act of 1966, the National Environmental Policy Act of 1969, and Executive Order 11593.

New sewer lines within the existing right-of-way do not require an archaeological survey, however, new sewer lines, pump stations, chemical removal facilities, digester basins, force mains and receiving stations not within the existing right-of-way must be surveyed by a professional archaeologist to determine if sites eligible for listing in the National Register of Historic Places will be affected by the undertaking. Where a given project area or portions thereof have been disturbed by prior construction, the applicant may file documentation of that disturbance with the State Historic Preservation Officer and may request an opinion concerning the need of an archaeological survey. Please provide a more detailed map and photographs of the project area for such determination. The State Historic Preservation Officer must review and approve the survey report. If you have any questions, please contact Lori Stahlgren at 502.564.7005 ext 151.

The Kentucky Housing Corporation has made the following advisory comment pertaining to State Application Identifier Number KY200908171575
No Comments.

The Transportation has made the following advisory comment pertaining to State Application Identifier Number KY200908171575

Anderson (D8), Danny: no comments

The Labor Cabinet has made the following advisory comment pertaining to State Application Identifier Number KY200908171575

PW RATES MAY APPLY-CONTACT KY LABOR CABINET AT 502 564 3534

The Natural Resources has made the following advisory comment pertaining to State Application Identifier Number KY200908171575

This review was based upon the information that was provided by the applicant through the Clearinghouse for this project. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications or approvals that may be required from this agency under Kentucky Revised Statutes or Kentucky Administrative Regulations. Such endorsement means this agency has found no major concerns from the review of the proposed project as presented other than those stated as conditions or comments.

All solid waste generated by this project must be disposed at a permitted facility. If underground storage tanks are encountered they must be properly addressed. If asbestos, lead paint, and/or other contaminants are encountered during this project, they must be properly addressed.

The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: upgrade of the influent pump station, addition of chemical phosphorus removal facilities, two new aerobic digester basins, a new force main to convey sewage from the new industrial park to the treatment plant and a new sewage receiving station to facilitate septic hauler waste, a 620 foot sanitary sewer extension to serve Auction Street. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier SAI #KY200908171575 when submitting plans and specifications.

Project consists of an upgrade of the influent pump station, addition of chemical phosphorus removal facilities, two new aerobic digester basins, a new force main to convey sewage from the new industrial park to the treatment plant and a new sewage receiving station to facilitate septic hauler waste, a 620 foot sanitary sewer extension to serve Auction Street. Completion of this project will result in improved services to 2,481 households and 638 commercial entities.

The Water Infrastructure Branch is not opposed to this project. The proposed project may require a facility plan update. The applicant shall contact the Division of Water, Water Infrastructure Branch to discuss facility planning status. Contact Anshu Singh of the Wastewater Planning Section at (502) 564-3410 ext 4805 or at anshu.singh@ky.gov

Best management practices shall be used to reduce runoff from the project into adjacent streams. Facility may have to update their Groundwater Protection Plan if site activities are different.

From the application data, DOW ascertains that the proposed project is located in a floodplain area. Therefore, a floodplain construction permit is required for this project.

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) storm water discharge permit.

Utility line projects that cross a stream will require a Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from DOW.

The Kentucky Division of Water supports the goals of EPA's Sustainable Infrastructure Initiative. This Initiative seeks to promote sustainable practices that will help to reduce the potential gap between funding needs and spending at the local and national level. The Sustainable Infrastructure Initiative will guide our efforts in changing how Kentucky views, values, manages, and invests in its water infrastructure. This website, www.epa.gov/waterinfrastructure/, contains information that will help you ensure your facility and operations are consistent with and can benefit from the aims of the Sustainable Infrastructure Initiative.



STEVEN L. BESHEAR
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
200 FAIR OAKS LANE
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

LEONARD K. PETERS
SECRETARY

February 4, 2011

Ronald E. Rogers, P.E.
Assistant Project Manager
Bell Engineering, Incorporated
2480 Fortune Drive, Suite 350
Lexington, Kentucky 40509

Re: Waste Load Allocation (WLA) Request
Monticello Wastewater Treatment Plant (WWTP)
KPEDES No.: KY0033847
Wayne County, Kentucky

Dear Mr. Rogers:

This is in response to your January 24, 2011 letter, requesting a WLA for a proposed expansion of the subject facility from 0.7 MGD to 1.4 MGD. Discharge is to remain at approximately mile point 1.4 of Elk Spring Creek, segment 02007. The requested WLA information will be utilized in drafting a Regional Wastewater Facilities Plan Update.

Based on information contained on the 2008 303(d) List of impaired waters, Elk Spring Creek (mile point 0.0 to 7.8) is impaired. The impaired use listed is Warm Water Aquatic Habitat (Non-support). The pollutant of concern is Cause Unknown. Suspected sources of pollution are from Unknown Sources. State and Federal regulations allow new or expanded discharges into impaired streams only if the discharge will improve or at least not contribute to existing impairments. Discharge from an expanded and upgraded WWTP, resulting in no additional pollutant loading, would not be considered a contributor to the existing impairment, and could thus be approved. Accordingly, effluent limitations are based on preserving the existing pollutant loading, allowing for an increase in flow to 1.4 MGD.

Considering the abovementioned information, applicable effluent limitations are provided below.

Design Capacity = 1.4 MGD / Discharge to mp 1.4 of Elk Spring Creek

<u>Parameter</u>	<u>May 1 - October 31</u>	<u>November 1 - April 30</u>
CBOD ₅	15 mg/l	15 mg/l
Total Suspended Solids	30 mg/l	30 mg/l
Ammonia Nitrogen	2 mg/l	5 mg/l
Dissolved Oxygen	7 mg/l	7 mg/l
Total Phosphorus	Monitor, mg/l	Monitor, mg/l
Total Nitrogen	Monitor, mg/l	Monitor, mg/l
Total Residual Chlorine	0.019 mg/l	0.019 mg/l

Reliability Classification = Grade B

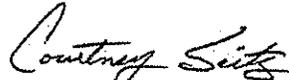
Mr. Ronald E. Rogers
Waste Load Allocation Request
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In addition to the above requirements, the monthly average and weekly maximum values of E. coli shall be at or below 130 colonies per 100 milliliters or 240 colonies per 100 milliliters, respectively, the year around. If a form of chlorine is proposed to disinfect the wastewater, then de-chlorination will likely be needed to achieve the chlorine residual. Additional effluent limitations and water quality standards are contained in the Division of Water Regulations.

These preliminary design effluent limitations are valid for one (1) year from the date of this letter, and are subject to change as a result of additional information which may be presented during the public notice phase of the KPDES permitting process. As such, this letter does not convey any authorization or approval to proceed with the construction or operation of the proposed WWTP. Construction and KPDES permit applications must be submitted to request such authorization or approval. Nor does this letter ensure issuance of either permit. During the review processes of these permits the Division of Water will further evaluate the viability of the project.

Should you have any questions regarding this letter, please contact me at (502) 564-8158, extension 4914 or E-mail at Courtney.Seitz@ky.gov.

Sincerely,



Courtney Seitz, WLA Coordinator
Wet Weather Section
Surface Water Permits Branch
Division of Water

CS

c: Anshu Singh, Water Infrastructure Branch
Compliance and Technical Assistance
Branch, Madisonville Section
Division of Water Files