

October 29, 2010

Mr. Greg Tolcou, P.E.
Metropolitan St. Louis Sewer District
2350 Market Street
St. Louis, MO 63103

RE: C295564-01 Metropolitan St. Louis Sewer District (MSD) – Missouri River Wastewater Treatment Plant (WWTP) Secondary Treatment Expansion and Disinfection Facilities, Construction Permit No. CP0000915

Dear Mr. Tolcou:

The Department of Natural Resources' (Department) Water Protection Program has reviewed and approved the plans and specifications submitted by Black & Veatch on behalf of the Metropolitan St. Louis Sewer District (MSD). Construction Permit No. CP0000915 is enclosed with this letter. This permit will terminate 5 years from the date of issuance, however, the Department may grant an extension. If you believe that an extension is necessary, you must submit a request and a justification for the extension at least 30 days prior to the permit expiration date.

Please find enclosed one set of approved specifications. One set of approved plans has been sent under separate cover by Ms. Emily Carpenter, project engineer. You must maintain these with your official project file for a minimum of four (4) years following completion of the project. Any changes to the approved plans and specifications must be approved by the Department prior to implementation.

State and Federal Law does not permit bypassing of raw sewage, therefore you must take steps to ensure that raw sewage does not discharge during construction. When construction is complete, your consulting engineer must submit the enclosed form entitled "Statement of Work Completed" along with a request for a final inspection.

You may appeal to have the matter heard by the Administrative Hearing Commission. To appeal, you must file a petition with the Administrative Hearing Commission within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the Administrative Hearing Commission.

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If you have any questions concerning this matter, please contact Ms. Emily Carpenter, of my staff, at (573) 751-6569 or P.O. Box 176, Jefferson City, MO 65102-0176.

Thank you for your efforts to help ensure clean water in Missouri.

Sincerely,

MISSOURI CLEAN WATER COMMISSION

John Madras
Acting Director of Staff

JM:eck

Enclosures

c: Mr. Alan Christanell, P.E., Black & Veatch
Mr. Andy Appelbaum, P.E., St. Louis Regional Office
Ms. Emily Carpenter, Water Protection Program, Financial Assistance Center
Mr. Ted Koenig, Water Protection Program, Financial Assistance Center

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



CONSTRUCTION PERMIT

The Missouri Department of Natural Resources hereby issues a permit to:

Mr. Greg Tolcou, P.E.
Metropolitan St. Louis Sewer District
2350 Market Street
St. Louis, MO 63103

for the construction of (described facilities):

See attached sheet

Permit Conditions:

See attached sheet

Construction of such proposed facilities shall be in accordance with the provisions of the Missouri Clean Water Law, Chapter 644, RSMo, and regulation promulgated thereunder, or this permit may be revoked by the Department of Natural Resources.

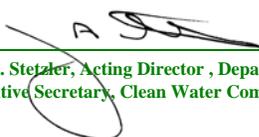
As the Department of Natural Resources does not examine structural features of design or the efficiency of mechanical equipment, the issuance of this permit does not include approval of these features.

A representative of the department may inspect the work covered by this permit during construction. Issuance of a permit to Operate by the department will be contingent on the work substantially adhering to the approved plans and specifications.

This permit applies only to the construction of water pollution control components; it does not apply to other environmentally regulated areas.

October 29, 2010
Effective Date

October 29, 2015
Expiration Date


Kip A. Stetzler, Acting Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

Acting Director of Staff, Clean Water Commission or Designee

CONSTRUCTION PERMIT

WASTEWATER TREATMENT FACILITY:

This expansion project at the Missouri River WWTP will increase the design flow to 38 million gallons per day (mgd) and peak flow capacity to 80 mgd throughout the new secondary treatment train and disinfection. Construction of a low lift pump station, six (6) aeration basins, a blower building, six (6) final clarifiers, a sludge pumping station, a solids handling building, an ultraviolet disinfection facility, a primary digester, and all other necessary appurtenances shall be included to allow for a useable wastewater treatment facility. Demolition of the existing sludge thickening building, trickling filters, secondary clarifiers, and other miscellaneous items including yard piping and structures associated with this work. The project will also include general site work appropriate to the scope and purpose of the project.

All construction shall be in accordance with the approved plans and specifications.

PERMIT CONDITIONS:

1. All construction shall be in accordance with the plans and specifications submitted by Black & Veatch on October 4, 2010 and approved by the Missouri Department of Natural Resources on October 29, 2010.
2. Regulation 10 CSR 20-4.040(19)(B)1 requires that projects be publicly advertised, allowing sufficient time for bids to be prepared and submitted. Projects shall be advertised at least 30 days prior to bid opening.
3. No land disturbance work shall commence until a land disturbance permit has been obtained from the Department unless the work is exempted in accordance with 10 CSR 20-6.200. Contact the Department's St. Louis Regional Office for additional information.
4. The Department must be contacted prior to making any changes in the approved plans and specifications that would directly or indirectly have an impact on the capacity or reliability of the proposed sewerage works or any design parameter that is addressed by 10 CSR 20-8.
5. As per 10 CSR 20-4.040, all changes in contract price or time within the approved scope of work must be by change order in accordance with Section (20) of this rule.
6. The construction permit will terminate 5 years from the date of issuance unless justification is presented for extension. During the construction of this project, the bypassing of raw sewage will not be permitted.