Gallatin Public Utilities
Water ♦ Sewer ♦ Natural Gas

October 14, 2019

Mr. Jim McAdoo
Tennessee Department of Environment & Conservation
Water Resources Division
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243

RE: NPDES Permit #IWT000006
City of Gallatin, Department of Public Utilities
Inter-basin Transfer Permit Renewal Application

Dear Mr. McAdoo:

Enclosed is a copy of the Inter-basin Transfer Permit renewal application for the City of Gallatin, Department of Public Utilities.

Please do not hesitate to contact me if you have any questions or comments concerning this renewal application.

Sincerely,

David T. Kellogg
Assistant Superintendent of Public Utilities
City of Gallatin Public Utilities

Cc: David A. Gregory, Supt. of Public Utilities

GALLATIN PUBLIC UTILITIES

Inter-basin Transfer Permit Renewal Application

1. ***The volume of the proposed withdrawal and the proposed transfer stated in gallons per day that the applicant seeks to be authorized:***

   The applicant, City of Gallatin – Department of Public Utilities, requests a renewal of its existing Inter-basin Transfer Permit **#IWT000006**. The existing Inter-basin Transfer Permit permitted an average daily flow of **0.75** million gallons per day (MGD). The withdrawal will continue as part of the normal operation of the Gallatin Water Treatment Plant, which currently withdrawals an average of approximately 6.5 million gallons per day (MGD).

2. ***Identification of all of the withdrawal, return, and transfer points:***

   The withdrawal point for the purposes of this permit application is the raw water intake for the Gallatin Water Treatment Plant (located at river mile 239.1 of the Cumberland River – Old Hickory Reservoir).

   Water transferred to the Barren River watershed is not returned to the Lower Cumberland River watershed.

   The water is transferred to the City of Westmoreland's Water System through a master water meter located at the intersection of US Highway 31E and Branham Mill Road.

3. ***The volume of water that will be returned to the basin of origin or a downstream basin:***

   The volume of water that may be returned to the Lower Cumberland River basin or a downstream basin is **zero (0)**.

4. ***The peak capacity of each major component of the proposed withdrawal and transfer facilities:***

   The peak capacity of the raw water intake and water treatment system (withdrawal facilities) is 16 million gallons per day.

   The peak capacity of the master water meter, a 10" Sensus OMNI C2 meter, (transfer facilities) is 5,000 gallons per minute.

5. ***Engineering and economic justification for the capacity of each major component of the proposed withdrawal and transfer facilities:***

   All major components of the withdrawal and transfer facilities are already in service; and as such an engineering and economic justification for the capacity of each component was not conducted for this permit renewal application.

6. ***An assessment of the hydraulic and environmental impacts of the withdrawal on the losing river:***

There will be no increase of withdrawal of water from the losing river; currently serves as drinking water source for the City of Gallatin. Therefore it is anticipated that there should be no hydraulic or environmental impacts on the losing river.

7. **An engineering, environmental, and economic assessment of the feasibility of utilizing alternate water sources by the water system in the receiving basin:**

This is a pre-existing water transfer, and as such an engineering, environmental, and economic feasibility assessment for utilizing alternate water sources was not conducted. However, the engineering and economic feasibility assessments were conducted in the late 1970's prior to the commencement of the sell of water to the City of Westmoreland.

8. ***A listing of conservation programs or practices occurring or proposed of the system in the receiving river basin:***

The City of Westmoreland is utilizing a leak detection and location service to help identify and correct leaks in its water distribution system. There are no other known water conservation programs or practices occurring or proposed for the City of Westmoreland (receiving river basin).

9. ***The proposed date upon which the water transfer is to commence:***

The water transfer is on-going under an existing Inter-basin Transfer Permit - #IWT000006. The transfer of water to the City of Westmoreland commenced in 1980 and pre-dated this permit.

10. ***The purpose and justification for the proposed transfer:***

The purpose of this water transfer is to provide potable water service to the citizens of the City of Westmoreland. The continued purchase of water by the City of Westmoreland (Barren River basin) from the City of Gallatin – Department of Public Utilities (Lower Cumberland River basin) will allow the City of Westmoreland to continue to provide adequate potable water service and fire protection to its current and future residents.

11. ***Any other appropriate information deemed necessary by the Commissioner for review of the proposed transfer:***

No additional information requested at this time.

12. ***Application fees:***

Enclosed is a check, in the amount of **$2,000.00**, for the **750,000** gallons per day (0.75 MGD) requested.

13: ***Authorized signature:***

Paige Brown, Mayor
City of Gallatin

10/15/2015
Date