



Public Notice
Tennessee Department of Environment and Conservation (TDEC)
Division of Water Resources (DWR)
Notice Requesting Public Comments on Draft Permit Actions
FILE # NRS23.274B

The purpose of this notice is to advise the public of the following proposed permit action and solicit comments and information necessary to evaluate the potential impact of the proposed activities on the aquatic environment.

Pursuant to The Tennessee Water Quality Control Act of 1977, T.C.A. §69-3-108 and Tennessee Rules, Chapter 0400-40-07, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and Section 401 Water Quality Certification. Section 401 of the Clean Water Act requires that an applicant obtain a water quality certification from the state when a federal permit is required. This notice is intended to inform interested parties of this permit application and draft permit and rationale, and to ask for comments and information necessary to determine possible impacts to water quality. At the conclusion of the public notice period a final determination will be made whether to issue or deny the permit.

PERMIT COORDINATOR

Nicholas Zemplachenko
Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243
Nicholas.Zemplachenko@tn.gov

APPLICANT

Metro Water Services
c/o Glen Doss
1400 Pumping Station Road
Nashville, Tennessee 37210

LOCATION

Omohundro Water Treatment Plant & K.R. Harrington Water Treatment Plant

Omohundro WTP
1400 Pumping Station Road
Nashville, TN 37210
Latitude 36.1643, Longitude -86.7260

K.R. Harrington WTP
3181 Heartland Drive
Nashville, TN 37214
Latitude 36.1910, Longitude -86.6681

Davidson County
Cumberland River/Cheatham Reservoir

To view the proposed location of these impacts and the watershed condition, visit the Division's MapViewer at <http://tdeconline.tn.gov/dwr/> and search on the permit number or coordinates listed in this Public Notice.

PROJECT DESCRIPTION / PURPOSE

Withdrawal of water from the Cumberland River/Cheatham Reservoir at the instantaneous rate of up to 122,222 gallons per minute to obtain up to 176 million gallons per day for public water supply. This represents the total authorized water withdrawal between the two Metro Water Services water treatment plants, Omohundro Water Treatment Plant and K.R. Harrington Water Treatment Plant, operating in tandem.

ANTIDEGRADATION

The Department's rules state that a single water withdrawal will be considered de minimis if it removes less than five percent of the minimum 7-day average streamflow with a 10-year recurrence interval (7Q10) flow of the stream. If more than one withdrawal has been authorized or proposed in a segment and the total of the authorized and proposed withdrawals uses no more than 10% of the assimilative capacity, or 7Q10 low flow, they are presumed to be de minimis.

In waters identified as Exceptional Tennessee Waters, new or increased water withdrawals that would cause degradation of any available parameter above the level of de minimis will only be authorized if the applicant has demonstrated to the Department that there are no practicable alternatives to prevent or lessen degradation associated with the proposed activity and the degradation is necessary to accommodate important economic or social development in the area and will not violate the water quality criteria for uses existing in the receiving waters.

The calculated 7Q10 using the USGS Hydrologic Toolbox 1.0 for the period of record from April 1, 1992 – March 31, 2023, at the Cumberland River at Nashville, TN USGS Gage (03431500) in this river segment is 3,854.4 CFS or 2,491.16 MGD.

The combined authorized and proposed withdrawals equal 244.46 CFS, which is 6.34 % of the 7Q10 flow in the Cumberland River/Cheatham Reservoir. In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the Division has made the preliminary determination that the proposed activities will result in no more than de minimis degradation of an Exceptional Tennessee Water (ETW) without mitigation.

For more information, please reference Tennessee's Antidegradation Statement which is found in Chapter 0400-40-03 of the Rules of the Tennessee Department of Environment and Conservation.

FACTORS CONSIDERED

In deciding whether to issue or deny this permit, the Division will consider all comments of record and the requirements of applicable federal and state laws. The division will consider the nature, scale and effects of proposed impacts. The Division will consider practicable alternatives to the alteration, loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impacts to unique, high quality, or impaired waters.

HOW TO COMMENT

TDEC is requesting public comment on this proposed permit action. Obtaining a broad range of facts and opinions on Agency actions is one of the best ways to ensure appropriate decisions. Persons wishing to comment on the proposal are invited to submit written comments to the Division. Written comments must be received within **thirty days following distribution of the approved public notice materials** (including

signage and newspaper ad). Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the Division's address listed below to the attention of the permit coordinator. You may also comment via email to water.permits@tn.gov.

After the Division makes a final permit determination, a permit appeal may be filed by the applicant or by any person who participated in the public comment period whose appeal is based on comments given to the Division in writing during the public comment period or in testimony at a formal public hearing. If it is hard for you to read, speak, or understand English, TDEC may be able to provide translation or interpretation services free of charge. Please contact Alisha Looper at 615-571-4470 or alisha.looper@tn.gov.

Si le resulta difícil leer, hablar o comprender inglés, TDEC puede proporcionarle servicios de traducción o interpretación sin cargo comunicándose con Alisha Looper al 615-571-4470 o alisha.looper@tn.gov.

PUBLIC HEARING

Interested persons may request in writing that the Division hold a public hearing on this application. The request must be received by the Division within the comment period, indicate the interest of the party requesting it, the reason(s) a hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the Division will hold a public hearing in accordance with 0400-40-07-.04(4) (f). Send all public hearing requests to the attention of the permit coordinator at the address listed below or via email to water.permits@tn.gov. Any scheduled public hearings will be advertised through a similar public notice process.

FILE REVIEW

The permit application, supporting documentation, including detailed plans and maps, draft permit and rationale, and related comments are available for review on the internet at the Division's data viewer at [Report on Permits \(tn.gov\)](#) by entering the permit file number listed in the title of this Public Notice. The file may be viewed and copied at the address listed below.

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