



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave., 11th Floor, Nashville, TN 37243

1-888-891-8332 (TDEC)

TN DEPT OF ENVIRONMENT AND CONSERVATION  
DIV OF WATER RESOURCES  
SEP 14 2015  
RECEIVED

Notice of Intent (NOI) - General Permit for Dischargers from Water Treatment Plants

Type of application (NOI):  New  Reissuance  Modification

(If this NOI is Reissuance or Modification provide the existing permit tracking number: TNR056847)

Facility Name: <b>Jefferson City WTP</b>		County: <b>Jefferson</b>	
Street <b>445 E. Broadway Blvd</b> Address or <b>Jefferson City, Tn 37760</b> Location:		Latitude: (DD.DDD)	<b>N33.12259</b>
		Longitude: (-DD.DDD)	<b>W83.47767</b>
Attach a copy of a topo map, a city map, or a county map, identifying the location of this facility and each outfall			<input checked="" type="checkbox"/> Map Attached

**Owner or Operator:** (the person or legal entity which controls facility's operation; this may or may not be the same as the facility name or the official contact name):  
**City of Jefferson City**

<b>1</b>	Official Contact Person Name: (individual responsible for a facility) <b>Gary Raley</b>	Title or Position: <b>Chief Operator</b>		
	Mailing Address: <b>445 E. Broadway Blvd</b>	City: <b>Jefferson City</b>	State: <b>TN</b>	Zip: <b>37760</b>
	Phone: ( ) <b>865-475-3251</b>	E-mail: <b>graley@jeffcitytn.com</b>		

<b>2</b>	Local Contact Person Name: (if appropriate, write "same as #1") <b>Same as #1</b>	Title or Position:		
	Facility Address: (may or may not be the same as street address) <b>Same as above</b>	Facility City:	State: <b>TN</b>	Zip:
	Phone: ( )	E-mail:		

Write in the box (to the right) or circle the number (above) to indicate where to send correspondence:

**PROCESS DESCRIPTION** (Reply on a separate page, if necessary)

Name of surface waters receiving the discharge: (and the mileage point, if available)  
**Mossy Creek 5.5 miles to Cherokee Lake**

A description of the source of the raw water; if surface water is used, include the distance the plant is located from the intake point; if the source is groundwater, include the number and depth of wells.  
**Surface supply**

Submit the original completed and signed form to the above address or a scanned PDF copy to [Water.Permits@tn.gov](mailto:Water.Permits@tn.gov)



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A description of the plant, i.e. iron removal, manganese and/or turbidity removal, and a list of any additives used in the water treatment process, such as coagulant, oxidizing enhancers, etc.

Turbidity removal

Design capacity of treatment plant in millions of gallons per day (MGD): 7.5

Number and volume of sedimentation basins: 2

Average flow of finished water production in MGD over 12 months prior to submission of the NOI: 4.8

Filter backwashing. Number of filters backwashed: 4 Frequency for each filter: 168 times per week. Amount of water used to backwash: 85,000 for each filter. Frequency sedimentation basin is washed out: n/a times per year. Amount of water used to wash out the largest sedimentation basin: N/A gallons. Describe type of treatment provided for backwash and sedimentation basin washwaters and the design capacity of the treatment system:

No treatment, per

Water is released from the backwash settling basin n/a times per week for n/a hours per release and a volume of n/a gallons per release. For existing facility, give averages from last 12 months of operation. For new facilities, indicate "not available." Describe more fully, if necessary.

Jefferson City w/p: JEFF. CITY WTP IS NOW A MEMBRANE PLANT, BACKWASH WATER PUMPED TO SEWER/2.

A description of how sludge from the settling processes are disposed, for example, landfill, land applied, etc. Pumped to wastewater

CERTIFICATION AND SIGNATURE

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Gary Raley

Chief Operator

[Handwritten Signature]

9/10/2015

Printed Name

Official Title

Signature

Date

STATE USE ONLY

Table with 5 columns: Received Date, Domestic Water Supply Use, Protective for Lead Conc., Tracking No., EFO; Unavailable Conditions, Exceptional TN Waters, T & E Aquatic Fauna, NOC Date, Reviewer

## Welcome to the TopoQuest Map Viewer!

Buffalo Wallow Branch, TN is a stream located in Jefferson County at N36.12120° W83.47406° (NAD83). This is the nearest place in the USGS place names database to the center of the map view below. Look below the map view for a list of other places and locations that are visible within this map view. If you see to locate a landmark or feature, you can search for its location on our [Find Places](#) page. If you need to locate a specific USGS topographic map, try our [Find Maps](#) page.

START DOWNLOAD

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- 3 steps to Fast Maps & Directions
1. Click Start Download
  2. Free Access - No Sign up!
  3. Get Free Directions & Maps

USGS Map Name: [Jefferson City, TN](#) Map MRC: 36083A4  
 Map Center: N36.12171° W83.47381° Datum: NAD27 Zoom: 4m/pixel



Click on map to:

- Zoom in (x2)
- Zoom out (x2)
- Re-center

Map contents:

- Choose Automatical
- Overall Coverage
- 1:24K Coverage (L)
- 1:24K Topo maps (US)
- 1:50K Coverage (Canada)
- 1:50K Topo maps (Canada)
- 1:100K Coverage (L)
- 1:100K Topo maps (US)
- 1:250K Coverage (L)
- 1:250K Topo maps (US)
- Satellite 1m Coverage (L)
- Satellite 1m (US)

Zoom level:

- 1m per pixel (Sat)
- 2m per pixel (Sat)
- 4m per pixel
- 8m per pixel
- 16m per pixel
- 32m per pixel
- 64m per pixel
- 128m per pixel
- 256m per pixel
- 512m per pixel
- 1km per pixel
- 2km per pixel
- 4km per pixel
- 10km per pixel

Note: Areas shaded green have 1:24K topographic map coverage.

### Places Within This Map View:

Place	Type	Coordinates (click to center)
<a href="#">Buffalo Wallow Branch</a>	Stream	<a href="#">N36.12120° W83.47406°</a>
<a href="#">Mossy Creek Spring</a>	Spring	<a href="#">N36.12148° W83.47323°</a>
<a href="#">Coy Zinc Mine</a>	Mine	<a href="#">N36.12259° W83.47767°</a>
<a href="#">College Square Shopping Center</a>	Locale	<a href="#">N36.11981° W83.48045°</a>
<a href="#">Mossy Creek</a>	Populated Place	<a href="#">N36.12056° W83.48083°</a>
<a href="#">Jefferson City Industrial Park</a>	Locale	<a href="#">N36.12028° W83.47767°</a>

Map Size:

- Smallish (512x512)
- Medium Ra (768x768)