



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)

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: TNR05⁰⁰⁶²²³⁵)

Facility Name: Bloomingtondale Utility District	County: Sullivan		
Street Address or Location: 571 Nottingham Road Kingsport, TN 37660	Latitude: (DD.DDD)	36°34'11"	
	Longitude: (-DD.DDD)	82°27'04"	
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):
Bloomingtondale Utility District

1	Official Contact Person Name: (individual responsible for a facility) Jason Bryant	Title or Position: Chief Operator		
	Mailing Address: 571 Nottingham Road	City: Kingsport	State: TN	Zip: 37660
	Phone: () (423) 288-2485	E-mail: jasonbutility@gmail.com		

2	Local Contact Person Name: (if appropriate, write "same as #1") Same as #1	Title or Position:		
	Facility Address: (may or may not be the same as street address)	Facility City:	State: TN	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) Reedy Creek at Mile 10.6
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. Reedy Creek (100 ft.) or Lagoon fed by Reedy Creek (300 ft.)

Submit the original completed and signed form to the above address or a scanned PDF copy to 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 - Breenfloc 2336, Aquapure 3673, Bleach

Design capacity of treatment plant in millions of gallons per day (MGD): 1.84

Number and volume of sedimentation basins: 3 = (1) + (2) = 61395 gals. (3) 61295 gals.

Average flow of finished water production in MGD over 12 months prior to submission of the NOI: 0.916 MGD

Filter backwashing. Number of filters backwashed: 4 Frequency for each filter: 3 times per week. Amount of water used to backwash: 10000 for each filter. Frequency sedimentation basin is washed out: 6 times per year. Amount of water used to wash out the largest sedimentation basin: 15000 gallons. Describe type of treatment provided for backwash and sedimentation basin washwaters and the design capacity of the treatment system:

Allowed to settle for 24 hrs. before discharge. Chlorine residual check before discharge.

Water is released from the backwash settling basin 4 times per week for N/A hours per release and a volume of 37000 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.

A description of how sludge from the settling processes are disposed, for example, landfill, land applied, etc. Land Applied

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.

Jason Bryant

Chief Operator

Handwritten signature of Jason Bryant

09-10-20

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

