



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: TNR05\_\_\_\_\_)

Facility Name: <b>L.T "Pie" Hay Filter Plant</b>	County: <b>Henderson</b>		
Street <b>700 West Church Street</b>	Latitude: (DD.DDD)	<b>35.39320</b>	
Address or Location:	Longitude: (-DD.DDD)	<b>-88.25030</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 type="checkbox"/> Map Attached			

<b>Owner or Operator:</b> (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): <b>LEXINGTON UTILITIES</b>				
<b>1</b>	Official Contact Person Name: (individual responsible for a facility) <b>Michael Harper</b>		Title or Position:	
	Mailing Address: <b>54 Monroe Avenue</b>	City: <b>Lexington</b>	State: <b>TN</b>	Zip: <b>38351</b>
	Phone: ( ) <b>731-968-5213</b>	E-mail: <b>Michael.Harper@lexingtontn.gov</b>		

<b>2</b>	Local Contact Person Name: (if appropriate, write "same as #1") <b>Steven J. Hensley</b>		Title or Position: <b>Wastewater Facility Manager</b>	
	Facility Address: (may or may not be the same as street address) <b>700 West Church Street</b>	Facility City: <b>Lexington</b>	State: <b>TN</b>	Zip: <b>38351</b>
	Phone: ( ) <b>731-968-4250</b>	E-mail:		

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

1 and 2

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

Name of surface waters receiving the discharge: (and the mileage point, if available)

**Beech River 300 feet from the head of Beech River**

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.

**Beech Lake Intake is about 750 feet from Water Plant**



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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.

Iron Removal, Manganese Removal, Turbidity Removal  
Iron Phosphate, Manganese and turbidity removal: Chlorine, PACL Soda Ash Sodium Hexameta phosphate, Hydrofluosilic Acid, Sodium Hydroxide and Accu Floe

Design capacity of treatment plant in millions of gallons per day (MGD): 5

Number and volume of sedimentation basins: 5 @ 165,000 ea

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

Filter backwashing. Number of filters backwashed: 4 Frequency for each filter: 2 times per week. Amount of water used to backwash: 100,000 gallons for each filter. Frequency sedimentation basin is washed out: 15 times per year. Amount of water used to wash out the largest sedimentation basin: 165,000 gallons. Describe type of treatment provided for backwash and sedimentation basin washwaters and the design capacity of the treatment system:

Sedimentation Po  
Sedimentation Ponds

Water is released from the backwash settling basin \_\_\_\_\_ times per week for \_\_\_\_\_ hours per release and a volume of \_\_\_\_\_ 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.

As water flows to  
As water flows to settling ponds, level rises to outlet tees and discharges

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

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.

Michael Harper

General Utilities Manager

Printed Name

Official Title

Signature

Date

9-10-2020

STATE USE ONLY

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