



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: City of Lafayette Water Treatment Plant		County: Macon	
Street 192 Spring Creek Rd.		Latitude:	N36*33.496'
Address or Lafayette, TN. 37083		(DD.DDD)	
Location:		Longitude:	W86*2.946'
		(-DD.DDD)	
Attach a copy of a Topo map, a city map or a county map identifying the <input checked="" type="checkbox"/> Map Attached Location of this facility and each outfall			

Owner or Operator: (the person or legal entity which controls the facility operation, this may or may not be the same as the facility name or the official contact name):
City of Lafayette TN.

1	Official Contact Person Name: (individual responsible for a facility) Jeff Halliburton		Title or Position : Superintendent of Water	
	Mailing Address: 200 East Locust Street	City: Lafayette	State: TN	Zip: 37083
	Phone (615) 666-4580		E-Mail: jhalliburton@lafayettecityhall.org	

2	Local Contact Person Name: (if Appropriate, write same as #1) Dean Ellis		Title or Position : Chief Water Plant Operator	
	Facility Address: (may or may not be the same as street Address) 192 Spring Creek Road.	Facility City: Lafayette	State TN	Zip 37083
	Phone (615) 666-5560		E-Mail: lafwtp@nctc.com	
Write in the box (to the right) or circle the number (above) to indicate where to send correspondence:				1

PROCESS DESCRIPTION (Reply on a separate page if necessary)


Name of surface water receiving the discharge: (and the mileage point, if available) Spring Creek
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 ground water, include the number and depth of the wells. Whites Spring, ground water under the direct influence of surface water. approx. 2.3 miles Adams Spring, ground water under the direct influence of surface water. approx. 7.5 miles Baron River, Baron River mile 126, surface water, approx. 12.6 miles

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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<p>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, ect.: Plant designed for Turbidity removal, Alum used as Coagulant, Chlorine used as disinfectant, Lime used to balance Ph.</p>			
<p>Design capacity of treatment plant in millions of gallons per day <u>2.4</u>. Number and Volume of sedimentation basins, 2 @ 117,000 each, Average flow of finished water production in MGD over 12 months prior to submission of the NOI: 1.35 MGD</p>			
<p>Filter backwashing. Number of filters washed: <u>2</u> Frequency for each filter: <u>3</u> times per week. Amount of water used to backwash: <u>45,500</u> for each filter. Frequency sedimentation basin is washed out: <u>2</u> times per year. Amount of water used to wash out the largest sedimentation basins: <u>117,000</u> gallons. Describe type of treatment provided for backwash and sedimentation basin wash waters and the design capacity of the treatment system: Lagoon system.</p>			
<p>Water is released from the backwash settling basin <u>6</u> times per week for <u>1</u> hours per release and a volume of <u>50,000</u> 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.</p>			
<p>A description of how the sludge from the settling processes are disposed, for example, landfill, land applied, etc.: Land Applied.</p>			
<p>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 the persons directly responsible for gathering the information, 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 of perjury.</p>			
<u>Jeff Halliburton</u>	Superintendent of Water		<u>09/10/20</u>
Printed Name	Official Title	Signature	Date

State Use Only

<i>Received Date</i>	<i>Domestic Water Supply Use</i>	<i>Protective for Lead</i>	<i>Tracking No.</i>	<i>EFO</i>
<i>Unavailable Conditions</i>	<i>Exceptional TN Waters</i>	<i>T & E Aquatic Fauna</i>	<i>NOC Date</i>	<i>Reviewer</i>

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