



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: TNRO5^{TN0082082})

Facility Name: McCroskey Island Water Treatment Plant	County: Sevier		
Street 2287 McCroskey Island Road Address or Sevierville, Tn. 37876 Location:	Latitude: (DD.DDD)	35.929	
	Longitude: (-DD.DDD)	-83.597	
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 Sevierville

1	Official Contact Person Name: (individual responsible for a facility) Keith Malone	Title or Position: Director		
	Mailing Address: 2291 McCroskey Island Road	City: Sevierville	State: Tn	Zip: 37876
	Phone: () 865-866-1737	E-mail: kmalone@seviervilletn.org		

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:

1

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

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

French Broad River 28.0

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.

Raw source: French Broad River; Plant is 100 feet from the intake point

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.
Membrane filtration for turbidity removal and disinfection. Chlorine Dioxide, Aluminum Sulfate, Lime, Sodium Hypochlorite, Fluoride ion for turbidity removal and disinfection

Design capacity of treatment plant in millions of gallons per day (MGD): 12
 Number and volume of sedimentation basins: N/A
 Average flow of finished water production in MGD over 12 months prior to submission of the NOI:
4.87


Filter backwashing. Number of filters backwashed: 6 Frequency for each filter: 469 times per week. Amount of water used to backwash: 560 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:
Treatment includes acid and chlorine solution backwash, chemical neutralization & settling; 2500 gal. CIP & 10,000 gal, Neutralization tank.

Water is released from the backwash settling basin 7 times per week for 4.2 hours per release and a volume of 225,000 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. biosolids from the belt filter press is hauled to the Sevier Solid Waste Composting Plant

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.

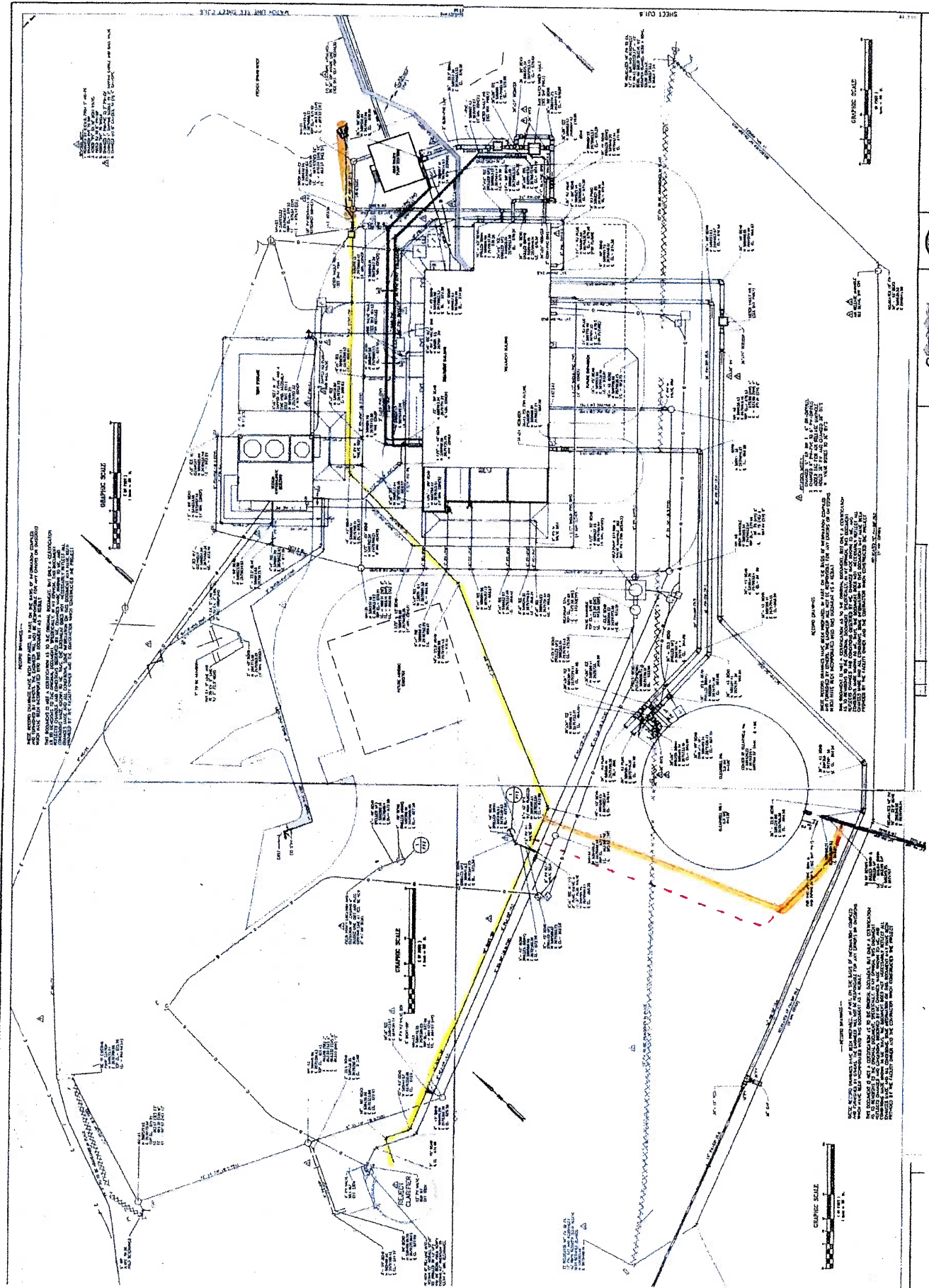
Keith Malone director  10.14.20
 Printed Name Official Title Signature Date

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

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NOTE: THESE DIMENSIONS HAVE BEEN RECHECKED IN PART ON THE BASIS OF INFORMATION RECEIVED FROM THE ARCHITECT AND IN PART ON THE BASIS OF FIELD SURVEY. THE DIMENSIONS SHOWN ON THIS PLAN ARE THE DIMENSIONS OF THE BUILDING AND NOT THE DIMENSIONS OF THE SITE. THE DIMENSIONS OF THE SITE ARE SHOWN ON THE SITE PLAN.

GRAPHIC SCALE
1" = 10' 0"

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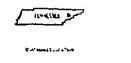
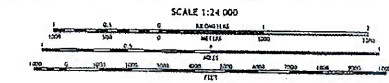
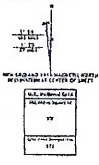
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



DOUGLAS DAM QUADRANGLE
TENNESSEE
7.5-MINUTE SERIES



Produced by the United States Geological Survey
Map Information: 1:24,000
Scale: 1:24,000
Projection: UTM
Datum: NAD 83
Elevation: 1000 feet
This map is a digital elevation model (DEM) derived from a 1:25,000 scale topographic map. It is not a true elevation map and should not be used for engineering or other purposes requiring high accuracy. For more information, visit www.usgs.gov.



ROAD CLASSIFICATION

Expressway	State Expressway
Secondary Hwy	Local Road
Route	Other
Interstate Route	US Route
	State Road

1	2	3	4
5	6	7	8

1 Pithead
2 Power Lines
3 Railroad
4 Utility Line
5 Utility Pole
6 Pipeline
7 Pipeline
8 Pipeline

CONTOUR INTERVAL 30 FEET
HIGHER AND LOWER ELEVATION 1500
This map is produced by the USGS
National Center for Earthquake Information Service
Aerial Photo is available at www.usgs.gov

DOUGLAS DAM, TN
2016

