

INTENDED USE PLAN
CLEAN WATER STATE REVOLVING FUND
LOAN PROGRAM
FY 2018 FEDERAL APPROPRIATION

DRAFT



Prepared by the
Tennessee Department of Environment and Conservation
State Revolving Fund Loan Program

CWSRF Loan Program Intended Use Plan for FY 2018

A. Introduction

Title VI of the Clean Water Act (CWA) as amended authorizes the Administrator of the U.S. Environmental Protection Agency (EPA) to establish a Clean Water State Revolving Fund (CWSRF) Loan Program to further the protection of public health and the environment objectives of the CWA.

The State of Tennessee (State) agrees to submit to the EPA, as part of its annual application for a Capitalization Grant under Title VI of the CWA, an Intended Use Plan (IUP) that meets the requirements of Section 606(c) and the Operating Agreement identifying the use of funds in the CWSRF Loan Program and describing how those uses support the goal of protecting public health and the environment. The following information must be included in the IUP to meet the requirements of Section 606(c) of the CWA:

- Priority Ranking List of proposed loan projects including a project description and the non-point source (NPS) activities eligible for assistance under Section 319 of the CWA
- Description of the financial status of the CWSRF Loan Program
- Automated Standard Application for Payments (ASAP) Schedule
- Description of the short- and long- term goals of the Clean Water SRF Loan Program

The IUP serves as the planning document for explaining how the fiscal year (FY) 2018 appropriations for the CWSRF Loan Program will be used. The State allotment of the FY 2018 Federal Appropriation for the CWSRF Loan Program is \$23,316,000. This plan describes how the State will utilize an appropriated State match of \$4,663,200 and the intended uses of the project funds. The EPA Capitalization Grant plus State match will provide an expected \$27,979,200 in project loan funds.

B. Subsidization

The FY 2018 CWSRF Capitalization Grant requires a portion of the funds to be set-aside towards subsidy. The amount allowed for subsidization is a maximum of \$2,331,600. Eligible recipients of assistance from the State Revolving Fund (SRF) will receive subsidization in the form of Principal Forgiveness of 10% and 90% loan and will be specified in the SRF Loan Agreement.

C. Green Project (GP) Set-Aside

The FY 2018 CWSRF Capitalization Grant requires a portion of the funds to be set-aside towards Green Projects. The State will set-aside a minimum of 10% up to a maximum of 15% of the FY 2018 Project Funds to fund eligible Green Projects. Green Projects shall be utilized to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities.

Projects meeting GPR criteria will follow the same process as all other SRF projects. [EPA's GPR eligibility guidance](#) for the CWSRF Loan Program will be used to evaluate the Green

CWSRF Loan Program Intended Use Plan for FY 2018

Projects. Additionally, Green Projects will be selected separately from the total cost until the requirement has been met.

A State will be considered to have met the GP requirement when the required percentage of its capitalization grant for FY 2018 is in executed assistance agreements for qualifying Green Projects. If a Green Project is underbid and the State has not met the required percentage for GPR, the difference between the amount in the executed assistance agreement and the winning bid must be used for another Green Project(s).

D. Davis-Bacon

For FY 2018 the requirements of Section 513 of the Federal Water Pollution Control Act (FWPCA) (33 U.S.C. 1372) shall apply to the construction of treatment works carried out in whole or in part with assistance made available by a State water pollution control revolving fund as authorized by title VI of that Act (33 U.S.C. 1381 et seq.), or with assistance made available under section 205(m) of that Act (33 U.S.C. 1285(m)), or both.

The Department of Labor provides pertinent information related to compliance with labor standards, including prevailing wage rates and instructions for reporting. The CWSRF Loan recipients will be required to comply with the Davis-Bacon Act wage rules to all contracts funded with the FY 2018 Clean Water Capitalization Grant.

E. American Iron, Steel (AIS), and Manufactured Goods

The FWPCA section 608 codifies a provision that had recently been included in EPA's SRF appropriations that require assistance recipients, absent a waiver, to use iron and steel products that are produced in the United States for projects for the construction, alteration, maintenance, and repair of treatment works.

The FWPCA now includes section 608 which states:

(a) IN GENERAL – Funds made available from a State water pollution control revolving fund established under this title may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all of the iron and steel products used in the project are produced in the United States.

(b) DEFINITION OF IRON AND STEEL PRODUCTS. In this section, the term 'iron and steel products' means the following products made primarily of iron or steel; lined or unlined pipes and fittings, manhole covers, and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, construction materials.

(c) APPLICATION – Subsection (a) shall not apply in any case or category of cases in which the Administrator finds that –

(1) applying subsection (a) would be inconsistent with the public interest;

CWSRF Loan Program Intended Use Plan for FY 2018

(2) iron and steel products are not produced in the United States in sufficient and reasonable available quantities and a satisfactory quality; or

(3) inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

(d) WAIVER – If the Administrator receives a request for a waiver under this section, the Administrator shall make available to the public, on an informal basis, a copy of the request and information available to the Administrator concerning the request, and shall allow for informal public input on the request for at least 15 days prior to making a finding based on the request. The Administrator shall make the request and accompanying information available by electronic means, including on the official public Internet site of the Environmental Protection Agency.

EPA intends to interpret the language as described in *Implementation of Iron and Steel Provisions of P. L. 113-76, Consolidated Appropriations Act of 2014*.

The effective date of the newly codified provision is the date of the enactment of the Water Resources Reform and Development Act, or June 10, 2014.

F. General Accepted Accounting Principles (GAAP)

Section 602(b)(9) of the Federal Water Pollution Control Act (FWPCA) was amended stating the State must require assistance recipients to maintain project accounts according to General Accepted Accounting Principles (GAAP) as issued by the Government Accounting Standards Board (GASB). This provision requires assistance recipients to use standards relating to the reporting of infrastructure assets. The most recent applicable standard is GASB Statement No. 34 (GASB 34), issued in June 1999, which details governmental reporting requirements including standards for reporting of infrastructure assets. Further details on the requirements, as well as the full text of GASB 34, can be obtained through the GASB.

G. Cost and Effectiveness Analysis

Under the FWPCA section 602(b)(13), the statute requires all assistance recipients meeting the definition of municipality or intermunicipal, interstate, or State agency to certify that they have conducted the studies and evaluations referred to as a cost and effectiveness analysis. The statute requires that a cost and effectiveness analysis involve, at a minimum:

- the study and evaluation of the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought under this title; and
- the selection, to the maximum extent practicable, of a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation and energy conservation, taking into account –

- a. the cost of constructing the project or activity;

CWSRF Loan Program Intended Use Plan for FY 2018

- b. the cost of operating and maintaining the project or activity over the life of the project or activity; and
- c. the cost of replacing the project or activity.

A cost and effectiveness analysis is an eligible cost, and CWSRFs can provide assistance for planning and/or engineering activities that involve this analysis; however, the certification must be provided before loan approval. This provision applies to all types of assistance provided to the public entities described above for which the recipient submits an application on or after October 1, 2015.

H. Fiscal Sustainability Planning (FSP)

As amended, the FWPCA §603(d)(1)(E) requires a recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works to develop and implement a fiscal sustainability plan (FSP) or certify that it has developed and implemented such a plan. This provision applies to all loans for which the borrower submitted an application on or after October 1, 2014.

FSPs should be treated as “living document” that are regularly reviewed, revised, expanded, and implemented as an integral part of the operation and management of the system. At a minimum, the FSPs should include:

- an inventory of critical assets that are part of the treatment works;
- an evaluation of the condition and performance of inventoried assets or asset groupings;
- a certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plant; and
- a plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.

The State has determined that the certification would be submitted to SRF before loan approval, and the FSP must be completed and in place by the “Notice to Proceed”.

I. Architectural and Engineering Procurement

For any capitalization grant awarded after October 1, 2014, the State must ensure that all architectural and engineering (A/E) contracts for projects identified as using funds “directly made available by” a capitalization grant (i.e. equivalency projects) comply with the elements of the procurement processes for A/E services as identified in 40 U.S.C. 1101 *et seq.*, or an equivalent State requirement.

To the extent possible, the State should identify all equivalency projects in its Intended Use Plan (IUP). The State should also identify all equivalency projects in its Annual Report and specify whether those projects include any A/E services. Only the SRF-funded contracts for A/E services associated with equivalency projects must comply with this requirement.

CWSRF Loan Program Intended Use Plan for FY 2018

The State intends to use the City of Chattanooga’s Proposed CWSRF Loans as the equivalency project.

J. List of Projects

In accordance with Section 606(c)(1) of the CWA, the State must develop a list of projects that are eligible to receive funding from the above-mentioned funds. CWSRF projects that are being considered by the State for potential funding are listed on the attached Priority Ranking List (Attachments #1 and #2). In addition to the projects listed, the CWSRF Loan Program may consider loan increases for existing projects, projects carried forward from FY 2017 and other CWSRF-eligible projects. The CWSRF project list may include non-point source (NPS) projects since the State's NPS Assessment and Management Program is approved.

In addition to the CWSRF Priority Ranking List, the attachments include a list with additional information about the identified CWSRF projects on the Priority Ranking List, the proposed binding commitment schedule over three (3) quarters for FY 2018 (Attachment #3), the CWSRF quarterly ASAP Schedule identifying the anticipated amount of federal dollars to be requested from the CWSRF over eight (8) quarters (Attachment #4), the CWSRF quarterly disbursement schedule projecting the transfer of cash from the Clean Water SRF Loan Program to the loan recipients over eight (8) quarters (Attachment #5), and a listing of the sources and uses of CWSRF funds (Attachment #6).

K. Description of the Financial Status of the Clean Water SRF Loan Program

The table below details the total dollar amount in the CWSRF Loan Program project.

Summary of Projected Funds Available as a Result of the Federal Capitalization Grant			
1.	Carry-Over Funds*		\$ 44,050,785
2.	Principal & Interest Receivables Projected for FY 2018**	+	\$ 38,541,713
3.	Interest on CWSRF Cash Projected During FY 2018**	+	\$ 4,869,867
4.	FY 2018 Capitalization Grant	+	\$ 23,316,000
5.	20% of FY 2018 Capitalization Grant matched by State	+	\$ 4,663,200
6.	Clean Water SRF Loan Program Project Fund ***	=	\$ 115,441,565
*Estimated balance at June 30, 2018 pre-year-end adjustments			
** Estimated principal, interest, and treasury interest for FY 2018			
*** Pursuant to §603 (d)(7) of the CWA, the State intends to use up to 1/5 percent of the current valuation of the fund for administrative support. See note M below.			

CWSRF Loan Program Intended Use Plan for FY 2018

L. Short and Long-Term Goals/Objectives

As required by the CWA, the State must identify the goals and objectives of its CWSRF Loan Program. The goals as described below are not presented in any priority order.

The State has the following long-term goals and objectives for the CWSRF Loan Program:

Goal #1: Maintain a self-sustaining revolving loan program through the CWSRF Loan Program to provide local governments in Tennessee with low-cost financial assistance for wastewater facilities projects

Objective 1.A: To ensure the financial stability of loan recipients by reviewing the financial history, loan security, and proposed user rates of loan applicants

Objective 1.B: To ensure the use of accounting, audit, and fiscal procedures that conform with generally accepted government accounting standards

Objective 1.C: To obligate funds in a timely manner and provide technical and administrative assistance for efficient project management

Goal #2: Protect and enhance the water quality in Tennessee by ensuring the technical integrity of funded projects

Objective 2.A: To ensure adequate and effective project planning, design, and construction management

Objective 2.B: To maintain a priority ranking system and offer available funds to projects with the highest priority points that are ready to proceed

In addition to these long-term goals, the State has the following short-term goals for the CWSRF Loan Program:

Goal #3: Maximize funds available in the CWSRF Loan Program through cooperation with EPA

Objective 3.A: To prepare and submit an annual Intended Use Plan (IUP) and prepare and submit, along with the IUP, an application for the Capitalization Grant

Objective 3.B: To actively promote and pursue all potential borrowers that have eligible projects

Objective 3.C: To submit an annual report to EPA covering the accomplishments of the IUP

Goal #4: Manage an effective and efficient CWSRF Loan Program

Objective 4.A: To prepare and update administrative policies and guidance and standard operation procedures for the CWSRF Loan Program

CWSRF Loan Program Intended Use Plan for FY 2018

Objective 4.B: To coordinate and work with the Comptroller of the Treasury to ensure the best financing alternative to local governments

M. Information on Activities to be Supported

Pursuant to Section 606(c)(3) of the CWA, information pertinent to each CWSRF project is contained in the attachments. The State intends to utilize up to 1/5 percent of the current valuation of the Fund for administrative support, pursuant to Section 603(d)(7). The valuation calculation shall be based upon "Total Net Position" of the Fund as determined by the Comptroller of the Treasury and conveyed in the Annual Audit report. Based on the most recent Audit Report of Total Net Position of the Fund, the State may use up to \$1,971,048 for administrative support, management, and operation of the CWSRF Loan Program.

The administrative support will include wages and benefits of employees; travel of staff relating to project management, conferences, seminars, and workshops; training contracts and State employees; general office supplies; equipment purchases (as needed), communication and printing, and rent of office space. Funds may also be used for monitoring activities relative to nutrient / plant optimization projects.

N. Criteria and Methods for Distributing Funds

The State's CWSRF Priority Ranking System rules, Chapter 0400-46-1, provide a clear objective order of ranking wastewater facilities projects. The basic criteria established under these rules place emphasis on water quality and public health concerns. The rationale for funding projects in an order other than that shown on the priority list shall be in accordance with the rules for the Priority Ranking System, Chapter 0400-46-1-.03. Communities with projects on the CWSRF Priority List may be bypassed based on failure to submit a complete application after being notified or are not ready to proceed.

Beginning with the FY 2016 Capitalization Grants, funding priority will be directed to projects that are ready to proceed. Additionally, to the extent possible, any subsidy provided by the capitalization grants will be awarded to projects that are ready to proceed.

The interest rate will be based on the community's Ability To Pay Index (ATPI). Interest rates can vary from zero to 100 percent of the interest rate reported on the 20-year, 25-year, and 30-year Bond Buyer Index and the Municipal Market Data General Obligation Yields published every Thursday. Communities that fall within the lower economic scale of the index will be eligible for a lower interest rate. The interest rates for utility districts and water/wastewater authorities that have service areas in more than one county will be determined by utilizing the lowest ATPI of the county or city that will directly benefit from the project(s) associated with the loan. As an additional incentive, the SRF program may recommend an additional discount of ¼ of one percent from the normal discounted interest rate as computed above, but the rate will not be below zero.

The term of the loan will be a maximum of 30 years or the useful life of the project whichever is shorter. The affordability criteria are used to prioritize projects that have the same number of

CWSRF Loan Program Intended Use Plan for FY 2018

points based on project need. Affordability criteria are based on the Ability-To-Pay Index (ATPI) established by the University of Tennessee Center for Business and Economic Research. Communities with greater economic need are given a higher ranking. The allocation formula uses a broad definition of fiscal capacity that considers income, unemployment data, and population trends. It also includes per capita property tax base and per capita sales. The intent is to measure fiscal capacity in terms of the available resources for paying for services. The ATPI is revised every five years; the latest revision became effective January 1, 2015.

The State Wastewater Facilities Act of 1987, establishes a State Revolving Fund as an enduring and viable fund. Also, the State agrees that the CWSRF shall be maintained and be available in perpetuity for providing financial assistance as authorized and limited by the federal Water Quality Act of 1987.

The State's NPS Management Program has been approved and the IUP may include NPS projects and activities for funding under the CWSRF when viable projects are identified.

O. Assurances and Specific Proposals

The State shall provide the necessary assurances and certifications described in the Operating Agreement submitted as part of the Capitalization Grant Application. This Operating Agreement is the official agreement between the State and EPA and is incorporated herein by reference. Pursuant to Sections 606(c)(4) and 606(c)(5) of the CWA, the State certifies that:

- The State will enter into binding commitments equal to at least 120% of each quarterly grant payment within one year after receipt of the payment
- The State will expend all funds in the CWSRF in an expeditious and timely manner
- Funds will first be used to assure maintenance of progress toward compliance with enforceable deadlines, goals, and requirements of the CWA
- The State agrees to commit or expend each quarterly capitalization grant payment in accordance with the State's own laws and procedures

In addition, the State certifies that it will conduct environmental reviews on wastewater facility projects in satisfying the National Environmental Policy Act (NEPA)-like requirements. The State's NEPA-like procedures are contained in the approved Operating Agreement.

P. Annual Report Requirements

Section 606(d) of the CWA requires that beginning the first fiscal year after receiving payments under the CWSRF the State shall provide an Annual Report to EPA. The Annual Report shall be submitted to EPA within 90 days after the end of the fiscal year covered by the IUP. This report shall identify loan recipients (name and identification number), loan amounts and terms, Green Projects, projects receiving subsidization (principal forgiveness), amount of subsidy, similar details on other forms of financial assistance provided from CWSRF, population of loan recipient, and other such information as EPA may require.

CWSRF Loan Program Intended Use Plan for FY 2018

Q. Disadvantaged Business Enterprise Goals

In accordance with federal Executive Order 11625 dated October 13, 1971, and Executive Order 12138 dated May 18, 1979, the local government must make a good faith effort to include participation from minority and women's businesses in sub-agreement awards. The MBE fair share goal is 2.6% for construction and 5.2% for supplies, services and equipment. The WBE fair share goal is 2.6% for construction and 5.2% for supplies, services and equipment.

R. Environmental Benefits

To meet the EPA Order 5700.7 and FY 2017 Procedures for Implementing Certain Provisions of the FY 2018 Appropriation, the State agrees to complete on a quarterly basis the Clean Water Benefits Report (CBR).

S. Loan Fee

A loan fee of 8 basis points (0.08%) will be charged by the Office of State and Local Finance for the CWSRF loans that are awarded on or after October 1, 2009.

T. Public Review and Comment

A public meeting was held on July 16, 2018, in Nashville, Tennessee, to review the IUP for FY 2018 and to receive comments on the IUP. The State formally issued a public notice on June 15, 2018 (Attachment 7), to solicit participation in the public meeting. Approximately eight hundred notices were sent to local governments including municipalities, counties, utility districts, water/wastewater authorities; consulting engineers; development districts and interested parties. A copy of the IUP is posted on the Tennessee Department of Environment and Conservation's website located at https://www.tn.gov/content/dam/tn/environment/water/water-public-notices/ppo_water_2018-06-15-srf-iup-mtg.pdf. A summary of the public meeting is on file in the offices of the SRF Loan Program.

CWSRF Loan Program Intended Use Plan for FY 2018

ATTACHMENTS

- Attachment 1: Clean Water SRF Loan Program FY 2018/2019 Priority Ranking List
- Attachment 2: Clean Water SRF Loan Program Projects for Potential Funding
- Attachment 3: Clean Water SRF Loan Program Capitalization Grant Binding Commitment Schedule
- Attachment 4: Clean Water SRF Loan Program Capitalization Grant Quarterly ASAP Schedule
- Attachment 5: Clean Water SRF Loan Program Capitalization Grant Quarterly Disbursement Schedule
- Attachment 6: Clean Water SRF Loan Program Sources and Uses of Funds
- Attachment 7: Clean Water SRF Loan Program IUP Public Notice, June 15, 2018

CLEAN WATER STATE REVOLVING FUND
FY 2018 PRIORITY RANKING LIST

COMPREHENSIVE LIST

draft

Total CWSRF \$245,930,074 \$15,947,000 Total Green Requested

*Includes 5 points for having an approved Growth Plan

CWSRF Total and GREEN Total amounts do not include CDBG

Rank Order	Priority Points*	ATPI	Pop.	NPDES, TN...	CDBG SRF and/or BOTH	Local Gov't	County	Project Description	Total Project Amount (\$)	GREEN Component Amount (\$)	Const. Start	Const. Compl	Proj. Type (212 or 319)	EPA Needs Cat.	Discharge Treatment Req.	HUC Code
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1	128.2	60	11,480	TN0021865	SRF	Portland	Sumner	WWTP Expansion — Advanced Treatment (Headworks improvements, SBR expansion, effluent filters for nutrient removal, and disinfection system improvements)	\$ 8,200,000	\$ -	Mar-19	Feb-20	212	II	Advanced	05130206
2	123.0	60	11,600	TN0059404	SRF	White House	Sumner / Robertson	GREEN - WWTP Upgrade / Expansion — Advanced Treatment (Expansion from 1.4 MGD to 2 MGD to include expanding the Oxidation Ditch and clarifiers, installation of a nutrient removal system, new disc filters, UV disinfection, and drip disposal system) Green Business Case Required	\$ 12,448,000	\$ 11,327,000	Mar-19	Jun-21	212	II	Advanced	05130206

CWSRF Loan Program Intended Use Plan for FY 2018

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3	123.0	60	11,600	TN0059404	SRF	White House	Sumner Robertson	WWTP Upgrade / Expansion Advanced Treatment (Expansion from 1.4MGD to 2 MGD to include expanding the of Oxidation Ditch and clarifiers, installation of a nutrient removal system, new disc filters, UV disinfection, and drip disposal system) – Planning and Design Only	\$ 952,000	\$ -	May-18	Jan-19	212	II	Advanced	05130206
4	106.9	50	40,716	TN0026263	SRF	Caryville-Jackson Utilities	Campbell	WWTP Improvements (Construction of a 3 rd clarifier and associated appurtenances)	\$ 928,227	\$ -	Aug-18	Nov-19	212	II	Advanced	06010205
5	45.0	30	2,850	TN0064688	SRF	Monterey +	Putnam	Collection System Expansion (Installation of approximately 13,400 LF of 3-inch and 4-inch diameter low pressure sewerlines)	\$ 700,000	\$ -	Jun-19	Jun-20	212	IV-A	NA	05130108

CWSRF Loan Program Intended Use Plan for FY 2018

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6	45.0	50	9,474	SOP-98007	SRF	Atoka +	Tipton	Collection System Expansion (Installation of approximately 10,800 LF of sewer lines to serve customers utilizing septic tanks at Squires Grove)	\$ 400,000	\$ -	Jan-19	Jan-21	212	IV-A	NA	08010209
7	45.0	50	9,474	SOP-98007	SRF	Atoka +	Tipton	Pump Station - new (Construction of a new pump station on Main Street)	\$ 170,000	\$ -	Jan-19	Jan-21	212	IV-B	NA	08010209
8	45.0	60	4,105	TN0024830	SRF	Waverly +	Humphreys	GREEN - Water Meter Replacement (Replace existing water meter with AMR meters) Categorically Green	\$ 50,000	\$ 50,000	Jan-18	Dec-18	212	VI-C	NA	06040005

CWSRF Loan Program Intended Use Plan for FY 2018

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9	45.0	60	18,655	TN0023469	SRF	Tullahoma Utilities Authority	Coffee Franklin	GREEN - Pump Station Replacement (Replacement of existing pump station and installation of approximately 10,000 LF of 12-inch diameter forcemain along Ovoca Road) Green Business Case Required	\$ 1,470,000	\$ 1,470,000	Aug-19	Aug-20	212	IV-B	NA	06030003
10	45.0	60	601,222	TN0024970	SRF	Metropolitan Nashville/ Davidson County	Davidson	Pump Station Replacement (Construction of a new 3.6 MGD pump station, an 11 MGD wet-weather pump station, a 6 MGD EQ basin, and associated appurtenances at the Davidson Branch Pump Station and Equalization Facility)	\$ 29,500,000	\$ -	Jun-18	Apr-20	212	IV-B	NA	05130202
11	45.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	GREEN - Pump Station Replacement (Nell Tuck Pump Station) Green Business Case Required	\$ 2,000,000	\$ 400,000	Apr-19	Apr-20	212	IV-B	NA	06010201

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12	45.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	GREEN - Pump Station Replacement (Construction of a new pump station and installation of approximately 200 LF of 12-inch diameter forcemain along New Highway 321) Green Business Case Required	\$ 500,000	\$ 100,000	Apr-19	Apr-20	212	IV-B	NA	06010201
13	45.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Collection System Expansion (Installation of approximately 16,000 LF of 8-inch thru 12-inch diameter sewer lines along Hwy 321 to Hwy 70E)	\$ 2,000,000	\$ -	Apr-20	Apr-23	212	IV-A	NA	06010201
14	45.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Force main Replacement (Replacing the existing 10-inch diameter Nell Tuck Forcemain)	\$ 2,000,000	\$ -	Apr-22	Apr-23	212	IV-B	NA	06010201
15	45.0	80	167,674	TN0024210	SRF	Chattanooga	Hamilton	Pump Station / Interceptor Replacement (Construction of a new pump station near South Chickamauga	\$ 3,500,000	\$ -	Jun-19	Dec-20	212	IV-B	NA	06020001

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								Creek River Port; the installation of new force main near Amnicola Hwy; and the replacement of sewer lines in the South Chickamauga Creek Area to address I/I)								
16	45.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	Collection System Relocation (Abandonment of existing sewer line within the I-75 right-of-way and the installation of approximately 4,000 LF of 15-inch diameter sewer lines and 20 manholes in the East Ridge I-75 Sewer Basin – Construction only)	\$ 3,210,000	\$ -	Sep-18	Dec-19	212	IV-B	NA	06020001
17	45.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	Force main Relocation (Installation of approximately 12,860 LF of force main along Lee Highway to alleviate SSOs)	\$ 2,851,000	\$ -	Sep-18	Dec-19	212	IV-B	NA	06020001

CWSRF Loan Program Intended Use Plan for FY 2018

CLEAN WATER STATE REVOLVING FUND FY 2018 PRIORITY RANKING LIST

COMPREHENSIVE LIST

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Rank Order	Priority Points*	ATPI	Pop.	NPDES, TN...	CDBG SRF and/or BOTH	Local Gov't	County	Project Description	Total Project Amount (\$)	GREEN Component Amount (\$)	Const. Start	Const. Compl	Proj. Type (212 or 319)	EPA Needs Cat.	Discharge Treatment Req.	HUC Code
Row Intentionally Left Blank																
18	45.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	New Force Main (Installation of approximately 13,170 LF of 18-inch diameter force main along Mountain View Road from the Green Gap Pump Station to the Amos Road Pump Station)	\$ 3,844,850	\$ -	Sep-18	Dec-19	212	IV-B	NA	06020001
19	45.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	Pump station Replacement (Construction of a new 80gpm submersible pump station at the West Brow Oval Pump Station - Design and Construction only)	\$ 557,060	\$ -	Sep-18	Dec-19	212	IV-B	NA	06020001
20	45.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	Pump Station Replacement (Upper and Lower Ft. Stephenson Pump Stations - Design and Construction only)	\$ 1,671,037	\$ -	Sep-18	Dec-19	212	IV-B	NA	06020001
21	30.0	20	1,477	TN0025488	SRF	Watertown +	Wilson	I/I Correction (Phase I - CCTVing approximately 10,600 LF of 6-inch and 8-inch diameter sewer	\$ 1,081,000	\$ -	Mar-19	Dec-19	212	III-A	NA	05130201

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Row Intentionally Left Blank																
								lines; rehabilitation of approximately 7,100 LF of sewer lines by methods of CIPP, pipe bursting, or replacement; and manhole rehabilitation within the east side of the City)								
22	30.0	40	1,781	TN0025127	SRF	Rocky Top +	Anderson /Campbell	1/1 Correction (SSES and rehabilitation of the collection system by methods of CIPP, point repair, pipe bursting, open cut; and manhole rehabilitation)	\$ 3,000,000	\$ -	May-18	May-20	212	III-A	NA	06010207
23	30.0	40	1,781	TN0025127	SRF	Rocky Top +	Anderson Campbell	Storm Water Conveyance (Installation of approximately 7,200 LF of curb and gutters, and 10 catch basins)	\$ 470,000	\$ -	May-18	May-20	212	III-A	NA	06010207
24	30.0	50	9,474	SOP-98007	SRF	Atoka +	Tipton	Pump Station Improvements (Installation of a new generator for the Kerns PS)	\$ 50,000	\$ -	Jan-19	Jan-21	212	III-B	NA	08010209

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25	30.0	50	17,145	TN0023477	SRF	Dyersburg	Dyer	I/I Correction (Smoke testing and Cctv inspection of sewer lines and point repairs)	\$ 10,000,000	\$ -	Jun-19	Mar-23	212	III-A	NA	08010204
26	30.0	60	4,105	TN0024830	SRF	Waverly +	Humphreys	GREEN - I/I Correction (Rehabilitation of approximately 3,800 LF of sewer lines by method of CIPP, replacing approximately 2,600 LF of sewer lines, and rehabilitating approximately 30 manholes) Green Business Case Required	\$ 600,000	\$ 600,000	Jan-18	Dec-18	212	III-A	NA	06040005
27	30.0	60	8,530	TN0021857	SRF	Winchester + Utilities	Franklin	Collection System Rehabilitation (Phase II - Rehabilitation/Upgrade the Southside Interceptor Sewer to eliminate SSOs)	\$ 1,200,000	\$ -	Apr-19	Apr-20	212	III-B	NA	06030003

CWSRF Loan Program Intended Use Plan for FY 2018

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Row Intentionally Left Blank																
28	30.0	60	10,156	TN0061271	SRF	Paris	Henry	I/I Correction (Rehabilitation of approximately 30,000 LF of 6-inch thru 15-inch diameter sewer lines by methods of CIPP, pipe bursting, point repairs, and sewer line replacement in the Clifty Creek Sub-basin)	\$ 4,880,000	\$ -	Jun-18	Feb-19	212	III-A	NA	06040005
29	30.0	60	10,156	TN0061271	SRF	Paris	Henry	I/I Correction (Rehabilitation of approximately 7,400 LF of the 24-inch diameter Jones Bend sewer interceptor)	\$ 3,310,000	\$ -	Oct-18	May-19	212	III-A	NA	06040005
30	30.0	60	16,440	TN0024961	SRF and CDBG	Springfield	Robertson	I/I Correction (SSES and rehabilitation / replacement of the Sulphur Creek Interceptor; replace approximately 800 LF of the Carr Creek Interceptor; and stream bank stabilization along Beans Cave Creek)	\$ 4,400,000	\$ -	Jan-20	Sep-20	212	III-A	NA	05130206

CWSRF Loan Program Intended Use Plan for FY 2018

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Row Intentionally Left Blank																
31	30.0	60	601,222	TN0020575	SRF	Metropolitan Nashville Davidson County	Davidson	I/I Correction (SSES of approximately 36,200 LF of 8-inch thru 42-inch diameter sewer lines; rehabilitation of approximately 20,500 LF of 8-inch thru 42-inch diameter sewer lines by method of CIPP and manhole rehabilitation in the Shelby Park Sewer Basin)	\$ 12,000,000	\$ -	Sep-18	Apr-20	212	III-A	NA	05130202
32	30.0	60	601,222	TN0020575	SRF	Metropolitan Nashville / Davidson County	Davidson	I/I Correction (Phase 2, SSES and rehabilitation of the collection system in the Clifty Creek Sub-basin)	\$ 12,000,000	\$ -	Jun-18	Sep-20	212	III-A	NA	05130202

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Row Intentionally Left Blank																
33	30.0	60	601,222	TN0020648	SRF	Metropolitan Nashville / Davidson County	Davidson	I/I Correction (SSES of approximately 57,900 LF of 8-inch thru 30-inch diameter sewer lines; rehabilitation of the sewer lines by method of CIPP, and manhole rehabilitation in the Dry Creek WWTP's service area)	\$ 6,000,000	\$ -	Jun-18	Sep-20	212	III-A	NA	05130202
34	30.0	60	601,222	TN0020648	SRF	Metropolitan Nashville / Davidson County	Davidson	I/I Correction (SSES of approximately 59,900 LF of 8-inch thru 30-inch diameter sewer lines; rehabilitation of approximately 29,000 LF of 8-inch thru 18-inch diameter sewer lines by method of CIPP and manhole rehabilitation in the Shepherd Hills Sewer Basin)	\$ 5,000,000	\$ -	Jun-18	Sep-20	212	III-A	NA	05130202

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Row Intentionally Left Blank																
35	30.0	60	601,222	TN0020575	SRF	Metropolitan Nashville / Davidson County	Davidson	I/I Correction (SSES of approximately 60,000 LF of 8-inch and 10-inch diameter sewer lines; rehabilitation of sewer lines by method of CIPP, and manhole rehabilitation in the Smith Springs Sewer Basin)	\$ 6,000,000	\$ -	Jun-18	Sep-20	212	III-A	NA	05130202
36	30.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Collection System Rehabilitation (Rehabilitation of approximately 76,000 LF of 8-inch thru 24-inch diameter sewer lines and rehab approximately 400 manholes in the Browder Hollow Area)	\$ 2,000,000	\$ -	Apr-19	Apr-20	212	III-B	NA	06010201

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Row Intentionally Left Blank																
37	30.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Collection System Rehabilitation (Rehabilitation of approximately 82,500 LF of 8-inch thru 36-inch diameter sewer lines and rehabilitate approximately 400 manholes in the Rock Springs Area)	\$ 2,000,000	\$ -	Apr-19	Apr-20	212	III-B	NA	06010201
38	30.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Collection System Rehabilitation (Rehabilitation of approximately 98,000 LF of 6-inch thru 36-inch diameter sewer lines and rehabilitate approximately 500 manholes in the Downtown Area)	\$ 2,000,000	\$ -	Apr-19	Apr-20	212	III-B	NA	06010201
39	30.0	70	8,642	TN0020494	SRF	Lenoir City +	Loudon	Pump Station Improvements (Misc. pump station improvements per pump station evaluation)	\$ 2,000,000	\$ -	Apr-20	Apr-22	212	III-B	NA	06010201

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Row Intentionally Left Blank																
40	30.0	80	29,330	TN0024155	SRF	Oak Ridge	Anderson /Roane	GREEN - I/I Correction (Rehabilitation of the collection system in the East Plant Sewer Basin) Green Business Case Required	\$ 2,000,000	\$ 2,000,000	Mar-19	Jan-20	212	III-A	NA	06010207
41	30.0	80	32,732	TN0028754	SRF	Lebanon	Wilson	Collection System Rehabilitation (Replacing the existing 30-inch diameter Sinking Creek Sewer Interceptor)	\$ 2,000,000	\$ -	Apr-19	Mar-20	212	III-B	NA	05130201
42	30.0	80	63,152	TN0024244	SRF	Johnson City	Washington	Sewer Interceptor Rehabilitation/Replacement (Replacing approximately 21,000 LF of the Lower Brush Creek Interceptor)	\$ 15,000,000	\$ -	Aug-17	May-18	212	III-B	NA	06010103

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Row Intentionally Left Blank																
43	30.0	80	167,674	TN0024210	SRF	Chattanooga	Hamilton	I/I Correction (Dobb Branch Sewer Improvements Phase 1 - Rehabilitation of approximately 200,000 LF of 8-inch thru 12-inch diameter sewer lines and manhole rehabilitation in the South Chickamauga Sewer Basin by methods of CIPP, open-cut, point repairs, and pipe bursting)	\$ 11,000,000 %	\$ -	Jun-19	Dec-20	212	III-A	NA	06020001
44	30.0	80	167,674	TN0024210	SRF	Chattanooga	Hamilton	I/I Correction (Dobb Branch Sewer Improvements Phase 2 - Rehabilitation approximately 125,000 LF of 8-inch through 12-inch diameter sewer lines by methods of CIPP, point repairs, pipe bursting, and open-cut replacements; and manhole rehabilitation)	\$ 7,000,000 %	\$ -	Jun-19	Dec-20	212	III-A	NA	06020001

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Row Intentionally Left Blank																
45	30.0	80	167,674	TN0024210	SRF	Chattanooga	Hamilton	I/I Correction (Rehabilitation of approximately 4,000 LF of 60-inch diameter interceptor sewers and manhole rehabilitation in the South Chickamauga Sewer Basin by methods of CIPP, open-cut, point repairs, and pipe bursting)	\$ 5,000,000	\$ -	Oct-18	Oct-19	212	III-A	NA	06020001
46	30.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	I/I Correction (Rehabilitation of approximately 18,500 LF of 8-inch to 12-inch diameter sewerlines by methods of CIPP, pipe bursting and open cut in the East Ridge 3C Sewer Basin - Design and Construction only)	\$ 5,686,200	\$ -	Sep-18	Dec-19	212	III-A	NA	06020001
47	30.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	I/I Correction (Rehabilitation of manholes and approximately 19,500 LF of 6-inch to 12-inch diameter sewerlines by methods of CIPP, pipe bursting	\$ 4,985,000	\$ -	Sep-18	Dec-19	212	III-A	NA	06020001

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Row Intentionally Left Blank																
								and open cut in the East Ridge 4B Sewer Basin - Design and Construction only)								
48	30.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	I/I Correction (SSES in the East Ridge and Signal Mountain Sewer Basins - Planning only)	\$ 1,571,700	\$ -	Sep-18	Dec-19	212	III-A	NA	06020001
49	30.0	90	336,463	TN0021211 SOP-89044	SRF	Hamilton County Water and Wastewater Authority	Hamilton	Pump Station Improvements (Installation of two new pumps at the Roy Lane PS and installation of approximately 14,500 LF of 18-inch diameter force main from the Green Gap PS to the Amos Road PS)	\$ 1,034,000	\$ -	Sep-18	Dec-19	212	III-B	NA	06020001

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Row Intentionally Left Blank																
50	6.6	60	49,666	TN0062332	SRF	Water Authority of Dickson County	Dickson, Hickman, and Williamso n	WWTP Improvements/U pgrade - Advanced Treatment (New headworks screen, new 5-stage Bardenpho process, oxidation modifications, additional clarifier, and UV system)	\$ 5,610,000	\$ -	Jun-18	Jul-20	212	II	Advanced	05130204
51	6.4	60	10,156	TN0061271	SRF	Paris	Henry	WWTP Improvements - Advanced Treatment (Improvements to the headworks and influent pump station; installation of a nutrient removal process; and construction of a 25MG equalization pond)	\$ 3,600,000	\$ -	Mar-19	Mar-20	212	II	Advanced	06040005

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Row Intentionally Left Blank																
52	45.0	60	16,440	TN0024962	SRF	Springfield	Robertson	Collection System Replacement (Installation of approximately 18,000 LF of 8-inch to 24-inch diameter sewerlines and 75 new manholes to address SSOs)	\$ 6,300,000	\$ -	Aug-18	Sep-19	212	IV-A	NA	05130206
53	30.0	60	16,440	TN0024961	SRF	Springfield	Robertson	I/I Correction (Rehabilitation of approximately 3,900 LF of 18-inch diameter sewers by method of CIPP and manhole rehabilitation)	\$ 1,200,000	\$ -	Aug-18	Sep-19	212	III-B	NA	05130206
54	15.0	60	16,440	TN0024963	SRF	Springfield	Robertson	I/I Correction (Construction of a 4 MG wastewater storage tank at Carr Creek and a 5 MG wastewater storage tank at Sulphur Creek)	\$ 19,000,000	\$ -	Aug-18	Dec-19	212	III-A	NA	05130206

Note: + Small System less than 10,000 population

% Equivalency project is Chattanooga

CLEAN WATER STATE REVOLVING FUND

Potential Funding List

Beginning with the FY 2016 Capitalization Grants, funding priority will be directed to projects that are ready to proceed. Additionally, to the extent possible, any subsidy provided by the capitalization grants will be awarded to projects that are ready to proceed.

Upon receipt of the FY 2018 EPA Capitalization Grant, TDEC will contact all communities with projects on the FY 2018 PRL with notification that projects not ready to proceed will be bypassed. Communities that do not respond to the funding notification letter may be bypassed.

The State may substitute projects on an emergency basis. Such projects would include those where some type of failure was unanticipated and requires immediate attention to protect public health.

CWSRF Loan Program Intended Use Plan for FY 2018

Attachment 3

CWSRF LOAN PROGRAM BINDING COMMITMENT SCHEDULE

<u>QUARTER</u>		<u>AMOUNT</u>
October 1, 2018	- December 31, 2018	\$ 5,316,000
January 1, 2019	- March 31, 2019	\$ 8,000,000
April 1, 2019	- June 30, 2019	\$ 10,000,000
	TOTAL	\$ 23,316,000

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CWSRF Loan Program Intended Use Plan for FY 2018

Attachment 4

CWSRF LOAN PROGRAM QUARTERLY ASAP SCHEDULE

(Quarters are based on Federal fiscal year)

<u>FFY 2019</u>	<u>Amount</u>
Qtr 1	\$ 9,592,000
Qtr 2	\$ -0-
Qtr 3	\$ -0-
Qtr 4	\$ -0-

<u>FFY 2020</u>	<u>Amount</u>
Qtr 1	\$ 13,724,000
Qtr 2	\$ -0-
Qtr 3	\$ -0-
Qtr 4	\$ -0-

TOTAL	\$ 23,316,000
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CWSRF Loan Program Intended Use Plan for FY 2018

Attachment 5

CWSRF LOAN PROGRAM QUARTERLY DISBURSEMENT SCHEDULE

(Quarters are based on Federal fiscal year)

<u>FY 2019</u>	<u>Amount</u>
Qtr 1	\$ -0-
Qtr 2	\$ -0-
Qtr 3	\$ 3,816,000
Qtr 4	\$ 5,500,000

<u>FY 2020</u>	<u>Amount</u>
Qtr 1	\$ -0-
Qtr 2	\$ 14,000,000
Qtr 3	\$ -0-
Qtr 4	\$ -0-

TOTAL **\$ 23,316,000**

CWSRF Loan Program Intended Use Plan for FY 2018

Attachment 6

CWSRF LOAN PROGRAM SOURCES AND USES OF FUNDS

PROJECTED FUNDS AVAILABLE TO LOAN DURING FY 2019 WITH FEDERAL GRANT

<u>Sources of Funds:</u>	<u>Through FY 2019</u>
Capitalization Grants	\$ 689,741,402
State Match	\$ 125,558,110
Investment Earnings (estimated)	\$ 88,009,274
Loan Repayments – Principal and Interest (estimated)	\$ 1,053,836,300
Total Sources of Cash	<u>\$ 1,957,145,085</u>
<u>Uses of Funds:</u>	
Loan and Amendments	\$ 1,817,403,744
Administration Expense Allocations	\$ 24,299,776
Total Uses of Cash	<u>\$ 1,841,703,520</u>
Net Available to Loan during FY 2019	<u>\$ 115,441,565</u>



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Resources
State Revolving Fund Loan Program
William R. Snodgrass – TN Tower
312 Rosa L. Parks Ave., 12th Floor
Nashville, TN 37243

June 15, 2018

(revised 6/25/2018)

PUBLIC NOTICE

TO ALL POTENTIAL **STATE REVOLVING FUND** LOAN APPLICANTS AND INTERESTED PARTIES

The Tennessee Department of Environment and Conservation (TDEC) will conduct a public meeting on **Monday, July 16, 2018**, to present the fiscal year (FY) 2018 Draft Intended Use Plans (IUPs) for the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) capitalization grants and to receive comments from the public. The meeting will be held in the **Multi-Media Room, 3rd Floor, William R. Snodgrass - TN Tower, 312 Rosa L. Parks Ave., Nashville, Tennessee, at 10:00 a.m. CDT**. Attendees will need to bring identification containing a photo and check-in at the Security Desk upon arrival to gain admission to the building.

IUPs serve as the planning documents for the state's intended use of this fiscal year's Federal and State appropriations for the CWSRF and DWSRF. IUPs include the Priority Ranking Lists of eligible water and sewer projects and explanations of the intended uses of the set-asides for non-project activities, DWSRF and CWSRF Loan Program goals, and the criteria and methods used for distributing funds. The draft IUPs will become final after a 10-day post-public meeting comment period.

CLEAN WATER STATE REVOLVING FUND LOAN PROGRAM:

TDEC is currently applying for the FY 2018 Environmental Protection Agency (EPA) Capitalization Grant from the CWSRF Loan Program in the amount of \$23,316,000 and requires a state match of \$4,663,200.

DRINKING WATER STATE REVOLVING FUND LOAN PROGRAM:

TDEC is currently applying for the FY 2018 (EPA) Capitalization Grant from the DWSRF Loan Program in the amount of \$19,293,000 and requires a state match of \$3,858,600.

SPECIAL PROVISIONS OF THE FY 2018 CWSRF AND DWSRF CAPITALIZATION GRANTS

The Capitalization Grant Conditions for FY 2018 requires the State to set aside a minimum of 10% Green Project Reserve for the CWSRF loan program. The State has decided to set aside a minimum of 10% up to a maximum of 15% Green Project Reserve for the DWSRF loan program. Additional subsidy for both CWSRF and DWSRF to eligible recipients for both CWSRF and DWSRF programs will be in the form of Principal Forgiveness (PF).

CWSRF Loan Program Intended Use Plan for FY 2018

If you are unable to attend the meeting, the IUPs will be available on the SRF website following the meeting (<https://www.tn.gov/environment/program-areas/wr-water-resources/water-quality/state-revolving-fund-program.html>). You may also contact Sharon Moody at (615) 532-0472. All comments must be received in the State Revolving Fund Loan Program's office no later than July 27, 2018. Comments may be mailed to Ms. Moody at the letterhead address above, submitted via e-mail to sharon.moody@tn.gov, or sent to Ms. Moody at facsimile number (615) 532-0199.

Individuals with disabilities who wish to participate in these proceedings or to review these filings should contact the Tennessee Department of Environment and Conservation to discuss any auxiliary aids or services needed to facilitate such participation. Such contact may be in person or by writing, telephoning, or other means and should be made no less than 10 days prior to the scheduled meeting date to allow time to provide such aid or services. To make these arrangements, contact the Tennessee Department of Environment and Conservation, ADA Coordinator Beverly Evans, William R. Snodgrass – TN Tower, 312 Rosa L. Parks Ave. 22nd Floor, Nashville, TN 37243, (615) 532-0207. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

If you have any questions regarding this notice please contact Sharon Moody at (615) 532-0472 or sharon.moody@tn.gov.