
GRANT SUMMARY SHEET

Grant Name: DWR-ARP Non Collaborative State Water Infrastructure Grants (SWIG) 21-26 Amend 1

Department: WATER & SEWER

Grantor: U.S.DEPARTMENT OF THE TREASURY

Pass-Through Grantor (If applicable): TENN. DEPT. OF ENV. & CONS.

Total Award this Action: \$0.00

Cash Match Amount -\$71,877,703.08

Department Contact: Aaron Thomas
4878872

Status: AMENDMENT

Program Description:

Major upgrades at the Dry Creek Water Reclamation Facility includes construction of a new headworks, other residuals management improvements, odor control improvements, and electrical improvements. This modernization will ultimately increase capacity for these areas to handle flow for the projected 20 years and refurbish a critical facility that is over 50 years in age. This project meets the critical infrastructure requirements of the SWIG grant. (Please see PER for engineering details). Amend 1 reduces the match by (-\$71,877,703.08) for a new match of \$29,200,052.09, Re-budget of project between budget line items not to exceed 20% and scope change for project.

Plan for continuation of services upon grant expiration:

Once completed in 2026, operating costs and long term capital maintenance costs will be impacted. It is anticipated that operating costs will increase, but at a level, predictable value.

Grants Tracking Form

Part One

Pre-Application <input type="radio"/>		Application <input type="radio"/>		Award Acceptance <input type="radio"/>		Contract Amendment <input type="radio"/>	
Department	Dept. No.	Contact			Phone	Fax	
WATER & SEWER	065	Aaron Thomas			4878872		
Grant Name:		DWR-ARP Non Collaborative State Water Infrastructure Grants (SWIG) 21-26 Amend 1					
Grantor:		U.S.DEPARTMENT OF THE TREASURY			Other:		
Grant Period From:		03/03/21	(applications only) Anticipated Application Date:				
Grant Period To:		09/30/26	(applications only) Application Deadline:				
Funding Type:		FED PASS THRU	Multi-Department Grant		<input type="checkbox"/>	If yes, list below.	
Pass-Thru:		TENN. DEPT. OF ENV. & CONS.	Outside Consultant Project:		<input type="checkbox"/>		
Award Type:		FORMULA	Total Award:		\$0.00		
Status:		AMENDMENT	Metro Cash Match:		-\$71,877,703.08		
Metro Category:		Est. Prior.	Metro In-Kind Match:		\$0.00		
CFDA #		21.027	Is Council approval required?		<input checked="" type="checkbox"/>		
Project Description:		Applic. Submitted Electronically?		<input type="checkbox"/>			
<p>Major upgrades at the Dry Creek Water Reclamation Facility includes construction of a new headworks, other residuals management improvements, odor control improvements, and electrical improvements. This modernization will ultimately increase capacity for these areas to handle flow for the projected 20 years and refurbish a critical facility that is over 50 years in age. This project meets the critical infrastructure requirements of the SWIG grant. (Please see PER for engineering details). Amend 1 reduces the match by (-\$71,877,703.08) for a new match of \$29,200,052.09, Re-budget of project between budget line items not to exceed 20% and scope change for project.</p>							
Plan for continuation of service after expiration of grant/Budgetary Impact:							
Once completed in 2026, operating costs and long term capital maintenance costs will be impacted. It is anticipated that operating costs will increase, but at a level, predictable value.							
How is Match Determined?							
Fixed Amount of \$		or	25.0%	% of Grant		Other <input checked="" type="checkbox"/>	
Explanation for "Other" means of determining match:							
This is a direct allocation grant. The grant requires a cofunding amount of 25% or 15,854,562. However, Project costs exceed 85,223,192, so the full project cost will be 164,496,000.							
For this Metro FY, how much of the required local Metro cash match:							
Is already in department budget?		yes	Fund		47410	Business Unit	
Is not budgeted?			Proposed Source of Match:		Commercial Paper Proceeds		
(Indicate Match Amount & Source for Remaining Grant Years in Budget Below)							
Other:							
Number of FTEs the grant will fund:		0.00	Actual number of positions added:		0.00		
Departmental Indirect Cost Rate		19.10%	Indirect Cost of Grant to Metro:		\$17,690,094.71		
*Indirect Costs allowed?		<input type="radio"/> Yes <input checked="" type="radio"/> No	% Allow.	0.00%	Ind. Cost Requested from Grantor:		\$0.00
*(If "No", please attach documentation from the grantor that indirect costs are not allowable. See Instructions)							
Draw down allowable <input type="checkbox"/>							
Metro or Community-based Partners:							

Part Two

Grant Budget										
Budget Year	Metro Fiscal Year	Federal Grantor	State Grantor	Other Grantor	Local Match Cash	Match Source (Fund, BU)	Local Match In-Kind	Total Grant Each Year	Indirect Cost to Metro	Ind. Cost Neg. from Grantor
Yr 1	FY24	\$3,202,324.83			\$1,474,465.09	47410, 6549410	\$0.00	\$4,676,789.92	\$893,266.87	\$0.00
Yr 2	FY25	\$31,158,239.00			\$14,346,380.00	47410, 6549410	\$0.00	\$45,504,619.00	\$8,691,382.23	\$0.00
Yr 3	FY 26	\$29,057,681.00			\$13,379,207.00	47410, 6549410	\$0.00	\$42,436,888.00	\$8,105,445.61	\$0.00
Yr 4	FY__									\$0.00
Yr 5	FY__									\$0.00
Total		\$63,418,244.83			\$29,200,052.09			\$92,618,296.92	\$17,690,094.71	
Date Awarded:				Tot. Awarded:		\$0.00	Contract#:		32701-04754	
(or) Date Denied:				Reason:						
(or) Date Withdrawn:				Reason:						

Contact: juanita.paulsen@nashville.gov
vaughn.wilson@nashville.gov

Rev. 5/13/13
5973

GCP Received 01/14/2025



GCP Approved 01/14/2025



**STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Water Resources
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 12th Floor
Nashville, Tennessee 37243

June 26, 2024

Mayor Freddie O'Connell
100 Metro Courthouse
Nashville, TN 37201
United States

RE: Metropolitan Government of Nashville and Davidson County
ARP Non-Competitive Grant Contract Change Request
Application ID: 2022-8193
Project ID: WW-PDC-1

Dear Mayor Freddie O'Connell,

Thank you for submitting your grant contract change request for Metropolitan Government of Nashville and Davidson County. The Tennessee Department of Environment and Conservation (TDEC) and the State Water Infrastructure Grants (SWIG) Program have thoroughly reviewed your request detailed below and your request has been **approved**.

Revision Request Type

Re-budget of project between budget line items not to exceed 20%, scope change for project WW-PDC-1, and reduction of the Grantee Match and Total Project amounts. Grantee will still meet the minimum required co-funding percentage.

Revision Request Description Scope and Budget

The Grantee requests to modify the scope of project WW-PDC-1 by removing the scope for Class A Biosolids Facility, Class B Biosolids Facility, and revision to the scope for headworks improvements. Details of the original scope and the revised scope are below. This request also involves the reallocation of project WW-PDC-1 funds within budget line-item details and reduction of both the Grantee Match and Total Project amounts by \$71,877,703.08. Details of the original budget and the revised budget are below. The change order does not require a change to the Grant Contract amount.

Original Scope:

This planning, design, and construction only project at the Dry Creek WRF replaces the current headworks and installs a Class A Biosolids Facility. Dry Creek's ageing headworks system is undersized and in need of replacement. The project also reduces the risk of limited disposal opportunities for class b biosolids and increases the capacity of the biosolids equipment meeting 20-year projections. This plant was originally built in the 1960s with a trickling filter but was rebuilt in 1966 with conventional activated

sludge, and currently serves a population of approximately 141,696. Some of the original equipment proposed for replacement is 43-56 years old and has reached its end of life. Dry Creek WRF is rated at a treatment capacity of 24 MGD average daily with a 63 MGD peak flow. The existing headworks currently receives peak flows of 85 MGD which overloads the Parshall flumes and Grit tanks. This project replaces the existing aerated grit tank with a more efficient grit removal system, adds upstream screening, increases the influent Parshall flume size, and increases the capacity of the headworks system to treat and process projected peak flows.

This project includes the construction of a new class A biosolid facility which replaces of existing thickening and dewatering equipment, refurbished from a 1991 installation. The new biosolids facility will require the replacement of the main switchgear, installed in 1991.

Revised Scope:

This planning, design, and construction only project at the Dry Creek WRF replaces the current headworks. Dry Creek's ageing headworks system is undersized and in need of replacement. This plant was originally built in the 1960s with a trickling filter but was rebuilt in 1966 with conventional activated sludge, and currently serves a population of approximately 141,696. Some of the original equipment proposed for replacement is 43-56 years old and has reached its end of life. Dry Creek WRF is rated at a treatment capacity of 24 MGD average daily with a 63 MGD peak flow. The existing headworks currently receives peak flows of 85 MGD which overloads the Parshall flumes and Grit tanks. This project replaces the existing aerated grit tank with a more efficient grit removal system, adds upstream screening, increases the influent Parshall flume size, and increases the capacity of the headworks system to treat and process projected peak flows.

The headworks improvements will replace the 43–56-year-old aerated grit tanks with stacked tray grit removal and add fine screening to the facility pre-grit. The headworks improvements will have odor control that is routed to an existing biofilter. A high-pressure effluent building is being constructed for the additional pumps needed to support the Headworks Improvements. These are all needed to modernize the aging headworks. Additional capacity will also be added to a Parshall flume and the headworks facilities to provide screening and grit removal before sending any flow that exceeds the plants treatment capacity to EQ.

Original Budget:

Original Budget Line-Item Detail	
Capital Purchase	
Headworks Improvements	\$9,376,104.19
Sludge Thickening Improvements	\$3,303,997.24
Digested Sludge Storage Improvements	\$1,422,607.95
Waste Gas Improvements	\$250,594.89
New Biosolids Drying Facility	\$30,715,222.91
New High Pressure Effluent Building	\$2,070,299.32
Odor Control Improvements	\$1,264,169.94
Plant Electrical Improvements	\$4,457,077.07
Exist Chlorination Building Demolition	\$173,488.77
Filter Building Demolitions	\$100,237.97
Edenwold Connector Road Relocation	\$393,271.51
Plant Sitework	\$1,619,228.52
Contingency (15%)	\$8,271,944.55
Total Grant Contract	\$63,418,244.83
Total Grantee Match	\$101,077,755.17
Total Project	\$164,496,000.00

Revised Budget:

Revised Budget Line-Item Detail	
Capital Purchase	
Headworks Improvements	\$38,466,877.83
Digested Sludge Storage Improvements	\$2,928,602.00
New High Pressure Effluent Building	\$12,869,143.00
Odor Control Improvements	\$5,745,101.00
Exist Chlorination Building Demolition	\$54,953.00
Filter Building Demolitions	\$74,003.00
Edenwold Connector Road Relocation	\$383,935.00
Plant Sitework	\$2,895,630.00
Total Grant Contract	\$63,418,244.83
Total Grantee Match	\$29,200,052.09
Total Project	\$92,618,296.92

Request Approval Status and Next Steps

Your grant contract change request as described above has been approved. Your grant profile in GMS should now reflect the approved updates, and this letter will serve as documentation of the formal request approval. No grant contract amendment is needed at this time. Project implementation is not on hold, and you should continue to submit procurements and reimbursement requests as needed.

If you have any questions concerning this request or your grant, please contact the SWIG team via email at tdec.arp@tn.gov.

**SIGNATURE PAGE
FOR
GRANT NO. 32701-04754 DWR ARP (SWIG)**

IN WITNESS WHEREOF, the parties have by their duly authorized representatives set their signatures.

**METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY**

DocuSigned by:

Scott Potter

994E7D0AE02B458...
Scott Potter, Director

Water & Sewer Department

1/14/2025

Date

APPROVED AS TO AVAILABILITY
OF FUNDS:

Jenneen Reed

Jenneen Kaufman Reed, Director
Department of Finance

1/15/2025 | 10:40 AM CST

Date

APPROVED AS TO RISK AND INSURANCE:

Balagun Cobb

Director of Risk Management Services

1/15/2025 | 10:51 AM CST

Date

APPROVED AS TO FORM AND
LEGALITY:

Tara Ladd

Metropolitan Attorney

1/15/2025 | 10:47 AM CST

Date

Freddie O'Connell
Metropolitan Mayor

Date

FILED:

Metropolitan Clerk

Date