

Ratermann, Tom

From: Department of Natural Resources ARPA Team <DNRARPA@dnr.mo.gov>
Sent: Tuesday, July 12, 2022 7:42 PM
To: DNRARPA@dnr.mo.gov; Ratermann, Tom
Subject: State ARPA Grant Application Submission Validation Receipt

EXTERNAL E-MAIL Verify before clicking links or attachments.

Your application has been received by the Department of Natural Resources.

Entity Name : Boone County Regional Sewer District

Application Number: DNR-WW-8F53EA525F51

Grant Name: Wastewater Infrastructure

To check the status of your application, please click here:
<https://moarpagrants.mo.gov/>

The application submittal deadline is July 14, 2022. Application scoring will begin July 15, 2022 and will conclude on or before October 12, 2022.

Thank you.

Department of Natural Resources
Financial Assistance Center
573-751-1192 or toll free 800-361-4827

Wastewater Infrastructure - DNR-WW-8F53EA525F51

Contacts & Representatives

Applicant / Continuing Authority	Boone County Regional Sewer District (tratermann@bcrsd.com) - 1314 North Seve
Authorized Representative	Boone County Regional Sewer District (tratermann@bcrsd.com) - 1314 North Seve
Application Completed By	Boone County Regional Sewer District (tratermann@bcrsd.com) - 1314 North Seve
Architectural and Engineering Consultant	Mike Hall (mhall@mcclurevision.com) - 1901 Pennsylvania Drive

Applicant / Continuing Authority

Applicant Type	Public Water or Sewer District
Please specify if Applicant Type is Other	

General and Financial Information

Population	4,047
Population of area to be served (if different from the population of the entire service area)	4,047
Median Household Income (MHI) (per most recent ACS data)	61,838.00
Unemployment Rate (per most recent ACS data)	2.90
Percentage of households that meet the low-to-moderate income definition (per most recent ACS data)	35.61
Percentage of households in poverty (per most recent ACS data)	8.30
Current Monthly Sewer Rate (for 5,000 Gal)	68.40
11-Digit Census Tract Number(s) for Project	29019001803
50% of population is served by the project part of a qualified census tract?	No
System Outstanding Debt	15,175,100.00
Existing Annual Debt Service	1,152,151.00

Project Description

Project Description	The Midway Area Wastewater Facility Plan recommends the construction of a 250,000 gpd multichannel "oxidation ditch" wastewater treatment system at the site of the current Midway Crossings WWTP to accept increased flows and loadings
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Will the project allow a system to meet a new or existing permit limit?

Yes



If yes, please provide information describing the permit limits.

The BCRSD's Trails West Lagoon is on a compliance schedule requiring treatment for ammonia and disinfection. Midway Auto/Truck Plaza, a private facility, is also on a compliance schedule requiring treatment for ammonia and disinfection.

Will the project address a schedule of compliance or Administrative Order on Consent? Will the project bring a non-compliant system into compliance?

Yes



If yes, please provide information below describing the current compliance issue.

The BCRSD's Trails West Lagoon is on a compliance schedule requiring treatment for ammonia and disinfection. Midway Auto/Truck Plaza, a private facility, is also on a compliance schedule requiring treatment for ammonia and disinfection.

Does the project address system reliability by replacement or improvement of infrastructure that is at or past its useful life and shows significant deterioration?

Yes



If yes, please provide information below describing the age and condition of the facility.

The BCRSD's Trails West Lagoon is a two-cell lagoon that was built around 1970.

Is the project likely to impact a source water impairment? (TMDL or 303D List?)

No



If yes, please provide information below describing the specific water body and how the improvements will impact it.

Is this a Design-Build Project?

No



Engineering Report

Please select one of the following options

An Engineering Report is required for this project and is complete and attached with

Please enter the anticipated completion date for the Engineering Report.

06/27/2022

Architectural and Engineering Consultant

Has the applicant procured engineering services? (If yes, attach procurement documentation)

Yes



Facility Information

Does the applicant/continuing authority own its wastewater treatment facility and/or collection system?

Yes, both



If no, please explain why applicant/continuing authority does not own its wastewater treatment facility and/or collection system

List all Missouri state operating permit number(s) of water or wastewater facilities that are or will be affected by this project, including those receiving wastewater if the Continuing Authority is a satellite system

MO-0132705 BCRSD Midway Crossing WWTP
MO-0092002 BCRSD Trails West Lagoon
MO-0038792 BCRSD Rollingwood Plat #1 WWTP



Estimated Project Cost

Date of Cost Estimate	06/27/2022	
Engineering (Planning and Design)		681,400.00
Engineering (Construction Phase)		681,400.00
Engineering (Inspection)		681,400.00
Land and Easements		659,250.00
Construction		6,590,100.00
Equipment		0.00
Other Cost		0.00
Specify Other Cost		
Contingencies (estimate 10%)		659,250.00
Total Estimated Project Costs		9,952,800.00
Local Cost Share (Documentation committing other funds for cost share must be uploaded with the application. See Applicant Assurance of Local Share Form.)		4,952,800.00
ARPA Funding Request (this application only)		5,000,000.00

Expenditure Categories

Expenditure Categories: Please select the option that is most applicable to your project.

Other Problems Addressed

5.1 Centralized Wastewater Treatment

The BCRSD's Trails West Lagoon is on a compliance schedule requiring treatment for ammonia and disinfection. Midway Auto/Truck Plaza, a private facility, is also on a compliance schedule requiring treatment for ammonia and disinfection.

Estimated Project Schedule

Antidegradation Report (any new, expanded or upgraded wastewater treatment) submitted or completed date	08/01/2022
Engineering Report completed date	06/27/2022
Engineering Plans and Specifications completed date	06/30/2023
Construction start date	01/31/2024
Initiation of operation date	01/31/2026
Project completion date	02/28/2026

Files

Project Location Map Location map - ARPA - Midway Area 7-12-22.pdf

Engineering Report	FINAL Facility Plan Draft for BCRSD with Appendices SEALED 6-27-2022 REDUCED	▼
Compliance Schedule or Other Enforcement Document	Compliance schedule - MSOP - BCRSD - Midway Auto Truck Plaza.pdf	▼
Procurement Documentation	Procurement documentation - V2 - ARPA - BCRSD 7-12-2022.pdf	▼
Resolution of Governing Body of Applicant	Resolution - ARPA - BCRSD fully signed.pdf	▼
Local Cost Share	Local cost share form - ARPA - BCRSD 7-12-22.pdf	▼
Other	Midway Crossing WWTP Antidegradation Report 7-12-2022 SEALED.pdf	▼

Daniel K. Atwill, Presiding Commissioner
Justin Aldred, District I Commissioner
Janet M. Thompson, District II Commissioner



Roger B. Wilson
Boone County Government Center
801 East Walnut, Room 333
Columbia, MO 65201-7732
573-886-4307 • FAX 573-886-4311

Boone County Commission

July 12, 2022

Tom Ratermann, General Manager
Boone County Regional Sewer District
1314 North 7th Street
Columbia, Missouri 65201

RE: Boone County ARPA Funds – sewer project

Dear Tom:

This letter is to express the County Commission's intent to award ARPA funds in the amount of **\$4,452,800** for a publicly-owned sewer infrastructure project. This intent is conditioned upon BCRSD receiving a grant from MoDNR for its planned public sewer project that has an estimated total cost of \$9,952,800 as described in your letter to the County Commission dated June 27, 2022 and further conditioned on the project being an authorized use of ARPA funds. The ultimate ARPA award will be effectuated via a contract which will be provided to you by the County.

We wish you the best of luck with your grant application and will look to hear from you about MoDNR's final grant decision.

Sincerely,


Daniel K. Atwill
Presiding Commissioner


Justin Aldred
District I Commissioner


Janet M. Thompson
District II Commissioner