

Application for Boone County COVID-19 ARPA Funding
State and Local Fiscal Recovery Funds, SLFRF

General Information

Organization Name: Boone County Regional Sewer District
Organization Mailing Address: 1314 N. 7th Street, Columbia, MO 65201
Entity Type: Public Sewer Utility

Point of Contact Information

Name: Daniel Cunningham, Project Manager
Phone Number: 573-443-2774
Email Address: dcunningham@bcrsd.com
Mailing Address: 1314 N. 7th Street, Columbia, MO 65201

Summary Project Information

Name of Proposed Project: Sanitary Sewer Flood Protection Retaining Wall
Project Category: Sewer/Water Infrastructure
Amount of Funding Requested: \$812,856

Application for Boone County COVID-19 ARPA Funding

State and Local Fiscal Recovery Funds, SLFRF

Applicant Name:

Name of proposed Project or Program/Services: Sanitary Sewer Flood Protection Retaining Wall

Estimated TOTAL COST of proposed Project or Program/Services: \$812,856

Amount of Boone County ARPA Funds Requested: \$812,856

Boone County Percentage of total Project cost: 100%

Section 1 – Applicant Information

- Legal Name: Boone County Regional Sewer District
- Entity type (i.e., government, not-for-profit, business, etc.): Government
 - Provide a copy of the organizational chart (**Attachment 1**) and a completed W-9 form (**Attachment 2**).
- Provide a copy of the Missouri Secretary of State organizational documents (Copies Articles of Incorporation, Articles of Organization, most recent annual report, etc.) (**Attachment 3**).
- Provide a copy of the most recent annual financial statements (including a copy of the financial audit report) (**Attachment 4**).
- Physical address of the entity's home office: 1314 N. 7th Street, Columbia, MO 65201
- Do the entity's operations encompass permanent physical locations other than the home office?
 - If yes, provide a brief overview of the various physical locations and the nature of operations conducted at each location:

See attachment 10 Exhibit A for a list of Boone County Regional Sewer District (BCRSD) treatment facilities and collection systems.
- Identify the individual responsible for financial and grant reporting for the entity. Describe their level of experience and expertise: Tom Ratermann, General Manager. 30 years of experience.
- Identify the individual designated as your entity's *single point of contact* for all questions and information pertaining to this application and/or award. Include name and contact information: Daniel Cunningham, email: dcunningham@bcrsd.com, phone: 573-443-2774

Section 2 – Applicant’s experience with government-funded grant awards and/or non-government funded grant awards

- Has your organization received grant awards from one or more governmental entities or one or more non-governmental entities, as either a direct awardee or as a subrecipient awardee? Yes.
 - If yes, describe your entity’s experience over the past 3 years. Identify grantor agencies/entities, purpose of award(s), dollar amount of award(s), and reporting requirements.

The Environmental Protection Agency awarded the BCRSD a \$220,000 (60% project cost) grant through the FFY 2022 Clean Water State Revolving Fund Capitalization Grant, on 9/30/22. The grant was awarded to provide financial assistance for wastewater infrastructure improvement costs under Title VI of the Clean Water Act.
 - If yes, describe completion status of awards (i.e., completed and closed out; completed but awaiting close out, ongoing, etc.).

The issuance of the grant was to provide the BCRSD financial assistance to decommission the BCRSD's Rollingwood Wastewater Treatment Facility, and to build a pump station in order to connect the sewer flow to the BCRSD's Midway Crossing WWTP. The construction contract for this project is ongoing.

- Within the past 3 years, has your entity been required to obtain a single audit (i.e., an audit of an entity’s Schedule of Expenditure of Federal Awards (SEFA))? Yes, see the attached audit reports.
 - If yes, for which years were single audits obtained? 2021, 2022, 2023 audit reports attached.
 - If yes, provide a copy of the most recent Single Audit report (**Attachment 5**).

- Within the past 3 years, has your organization been subject to sub-recipient monitoring activities for federal monies passed through to your entity? Yes, the BCRSD has been subject to monitoring activities through DNR.
 - If so, describe. Include any monitoring visits, remote desk audits, and/or official communications from the monitoring agency.

The BCRSD has a long history of participating in the DNR SRF loan program. The State Revolving Fund has strict guidelines and protocols. During the past multiple projects involving SRF loans, BCRSD always abides by all guidelines and protocols.

- Within the past 3 years, has your organization been subject to grant monitoring activities by a non-governmental entity? No, BCRSD has not been subject to grant monitoring by a non-governmental entity.
 - If so, describe. Include any monitoring visits, remote desk audits, and/or official communications from the monitoring entity.

Section 3 – Project Information

- Briefly describe the proposed Project or Program/Services. An expanded description may be provided in **Attachment 6**.

The proposed project is to engineer and build a retaining wall along First Street in Rocheport, Missouri to protect the BCRSD's sanitary sewer pump station from being engulfed by the Missouri River during major flood events. The attached map shows the 2017 FEMA Flood Plain approximate limits, the location of the BCRSD's pump station, and the proposed retaining wall alignment. The project will be contingent upon U.S. Army Corps of Engineers permitting requirements, DNR permitting requirements, Boone County permitting requirements, City of Rocheport, MO permitting requirements, and engineering requirements.

- Explain how the proposed Project or Program/Services responds to the COVID-19 public health emergency or its negative economic impacts. **Include specific references to ARPA Final Rule FAQs**

(<https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-FAQ.pdf>), Final Rule Overview

(<https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-Overview.pdf>), or other guidance issued by US Treasury on eligible uses of ARPA funds.

The BCRSD is eligible for ARPA funds according to SLFRF Final Rule FAQ 1.1.

During the Covid 19 pandemic the BCRSD was responding to the direct impact of the general public health emergency all over Boone County, Missouri by processing domestic wastewater and treating it according to the Missouri Department of Natural Resources (DNR) and the Environmental Protection Agency (EPA) regulations and permit requirements. The BCRSD meets strict wastewater effluent permit limits at all of its wastewater treatment facilities, which are located in various locations around Boone County, Missouri. The BCRSD is requesting \$812,856 in ARPA funding to install a retaining wall near a BCRSD's pump station, and make appropriate upgrades to the pump station, located in Rocheport, MO. The existing pump station lies in a flood plain of the Missouri River. The pump station pumps raw sewage to the BCRSD's wastewater treatment facility in Rocheport, MO for processing and treatment. The proposed retaining wall would provide flood protection to the pump station and ultimately the public health and environmental impacts of Boone County, MO.

- The federal funding authorization governing Boone County's ARPA monies identifies seven (7) Eligible Expenditure Categories (EC) which are shown in **Appendix 1** of this application. Identify the appropriate EC for the requested Project or Program/Services funding request. If more than one Expenditure Category potentially applies, identify the single category that is *most* applicable.

The proposed project would be categorized under 5.1 Clean Water: Centralized Wastewater Treatment, and 5.2 Clean Water: Centralized Wastewater Collection & Conveyance of Appendix 1.

- Briefly describe the methodology and sources used to determine the estimated total cost of the Project or Program/Services. Provide additional supporting documentation as needed (**Attachment 7**).

The total cost for the retaining wall was estimated using estimated general construction costs, estimated general engineering costs, estimated general permitting costs, and a 20% construction cost contingency. Please see the attached cost estimate.

- Briefly describe the basis or justification for the amount requested from Boone County. If the amount requested is less than the estimated total cost, indicate all other funding sources and the justification for amounts requested from other funding sources. Provide additional supporting documentation as needed (**Attachment 8**).

The BCRSD is asking for 100% of the project cost. The cost of the retaining wall is not included in the Sewer District's budgeted capital improvement projects. No other funding sources are available for this project.

- Does the Project include a capital expenditure (building project, building improvement, or purchase of equipment or other asset)? The proposed project is a capital expenditure.
 - If yes, is the capital expenditure > \$50,000? Yes.
 - If yes, provide your entity's TIN: 43-1304908

- Briefly describe the ongoing operational, maintenance, or other costs that will be associated with the requested project or program services. Describe the funding source(s) to be used to provide the ongoing operational funding requirements. Provide additional supporting documentation as needed (**Attachment 9**).

The ongoing maintenance of the retaining wall would be minimal.
 The BCRSD Enterprise Fund - all expenses are covered by user charges.
 BCRSD annual income = %5.63 million
 BCRSD annual expenses = \$5.14 million.
 BCRSD estimated 2023 depreciation = \$1.36 million.
 See attachment 9 for supporting documentation.

- Provide any other information relevant to the request. (**Attachment 10**)

Appendices

Appendix 1 – Eligible Expenditure Categories

Attachments

Required Attachments

- Attachment 1: Organizational Chart
- Attachment 2: Completed W-9 form
- Attachment 3: Missouri Secretary of State organizational documents (Copies Articles of Incorporation, Articles of Organization, most recent annual report, etc.)
- Attachment 4: Most recent annual financial statements (including the financial audit report)
- Attachment 5: Copy of the most recent Single Audit Report, if applicable

Optional Attachments

- Attachment 6: Expanded description—Proposed Project or Program/Services
- Attachment 7: Expanded description—Project or Program/Services estimate of total cost
- Attachment 8: Expanded description—Rationale for amount requested from Boone County and description of other funding sources
- Attachment 9: Expanded description—Future ongoing operational, maintenance, and other costs required to provide a continuation of services along with a description of the funding sources for these costs
- Attachment 10: All other information relevant to the request not addressed in other attachments

Please submit completed application and attachments to commission@boonecountymo.org

Application for Boone County COVID-19 ARPA Funding State and Local Fiscal Recovery Funds, SLFRF

Attachment 6:

Description of the Proposed Retaining Wall Project in Rocheport, MO

The objective of the proposed retaining wall project is to engineer and build a retaining wall along First Street in Rocheport, Missouri to protect the BCRSD's sanitary sewer pump station from being engulfed by the Missouri River during major flood events. The map under Attachment #10 shows the 2017 FEMA Flood Plain approximate limits, the location of the BCRSD's pump station, and the proposed retaining wall alignment. The project will be contingent upon U.S. Army Corps of Engineers permitting requirements, DNR permitting requirements, Boone County permitting requirements, City of Rocheport, MO permitting requirements, and engineering requirements.

**Application for Boone County COVID-19 ARPA Funding
State and Local Fiscal Recovery Funds, SLFRF**

Attachment 7:

Retaining Wall Estimated Project Cost



1314 North 7th Street
 Columbia, MO 65201
 p: 573-443-2774
 f: 573-499-0489
www.bcrsd.com

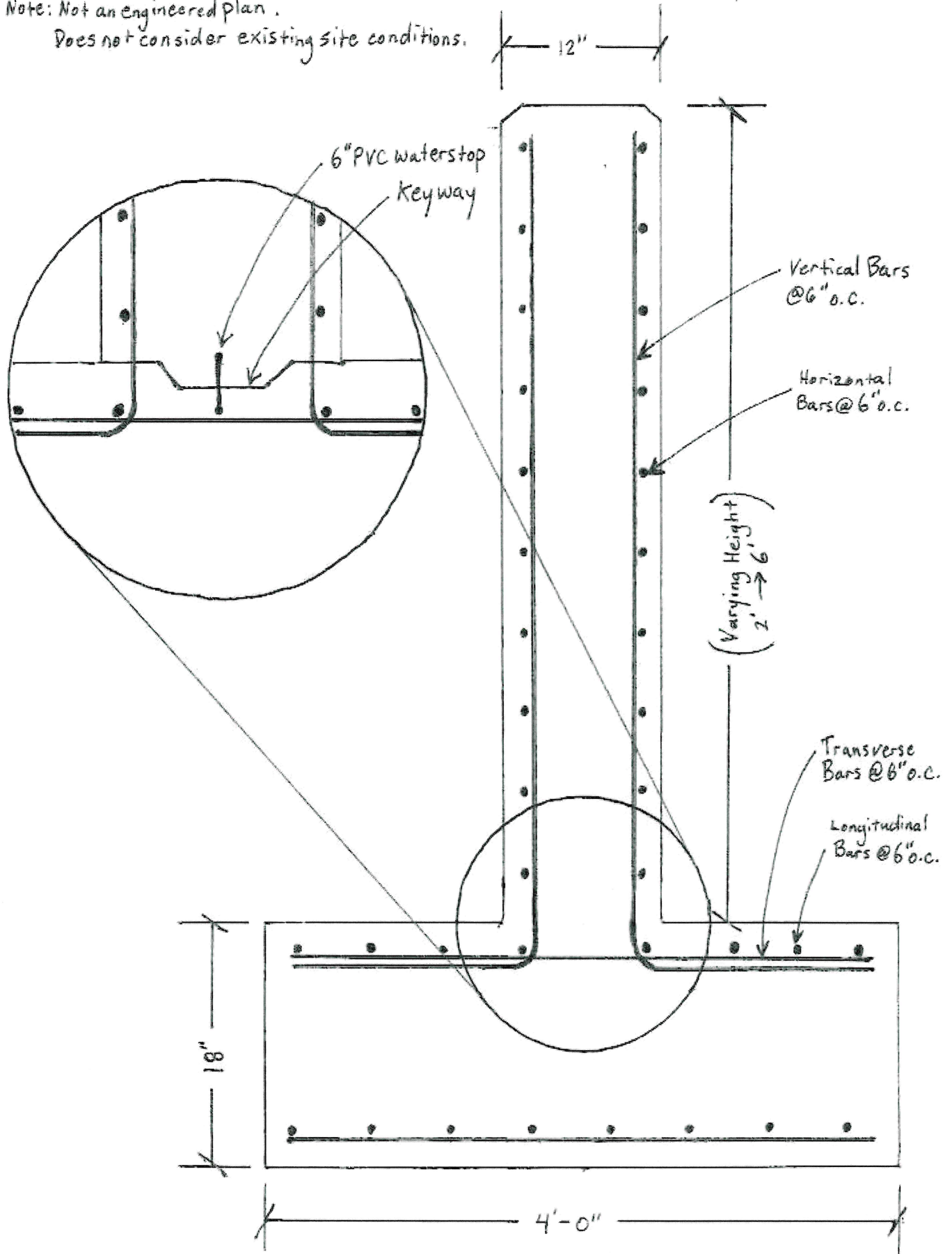
1/25/2024	Boone County Regional Sewer District				Cost Estimate
Pump Station Flood Protection Retaining Wall					
Item	Description	Quantity	Unit	Unit Price	Total
1	Cast-In-Place Retaining Wall	533	CY	\$ 800	\$ 426,400
2	Metal Flood Gates for Side Streets	4	EA	\$ 20,000	\$ 80,000
3	Flood Gate Storage Racks	4	EA	\$ 7,000	\$ 28,000
4	Pump Station Upgrades	1	LS	\$ 150,000	\$ 150,000
Estimated Construction Cost					\$ 537,400
5	Construction Permits	1	LS	\$ 5,000	\$ 5,000
6	Special Engineering for Core of Engineer Permits	1	LS	\$ 7,500	\$ 7,500
7	Engineering	1	LS	\$ 107,480	\$ 107,480.00
8	Geotechnical Engineering	1	LS	\$ 10,000	\$ 10,000
9	Construction Observation - Resident Project Representative	1	LS	\$ 10,000	\$ 10,000
10	20% Project Contingency	1	EA	\$ 135,476	\$ 135,476
Estimated Project Cost					\$ 812,856
* Not an engineered estimate. Does not consider existing site conditions.					

remaining wall concept drawing (not for construction)

Date: 1/25/24

Note: Not an engineered plan.

Does not consider existing site conditions.

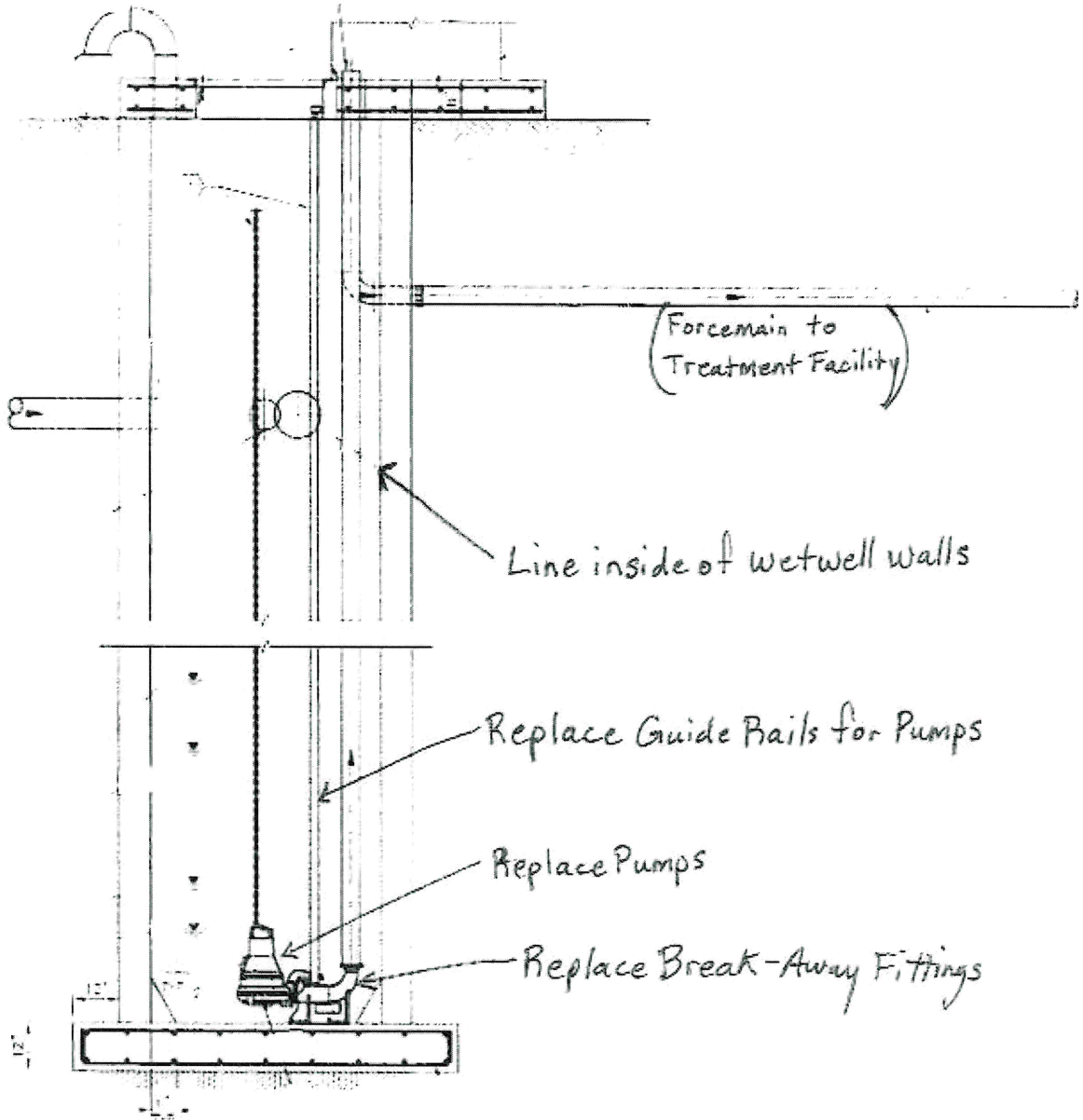


Date: 1/25/2024

Pump Station Concept Drawing:

(Not for Construction)

- Replace Pump Station Control Panel
- Provide Pump Station with 3-Phase Power
- Build Fence Around Pump Station



**Application for Boone County COVID-19 ARPA Funding
State and Local Fiscal Recovery Funds, SLFRF**

Attachment 10:

Exhibit A - List of Boone County Regional Sewer District Physical Locations

Exhibit B – Pump Station Flood Protection Map



1314 North 7th Street
 Columbia, MO 65201
 p: 573-443-2774
 f: 573-499-0489
www.bcrsd.com

Exhibit A

Abr.	BCRS D Treatment Facilities	Address	Treatment Type	Parcel Number
1	American Outdoor Brands	1950 N Rte Z	Drip Irrigation	18-101-06-05-003.00 01
2	Bobcat	1220 N Lenway Dr	Drip Irrigation	18-104-08-00-012.01 01
3	Brookfield Estates	8930 S Lake Meadows Way	Sand Filter	20-600-24-03-011.00 01
4	Brown Station	8580 North Brown Station Rd	Sand Filter	12-204-10-04-019.01 01
5	Butch's Investments	5380 E Hwy 163	Drip Irrigation	21-200-10-03-005.00 01
6	Cedar Gate	6550 E Birch St	Lagoon	07-613-23-01-010.00 01
7	Eagleknoll	5645 E Eagle Trace	Water Reclamation Facility	27-200-10-00-017.03 01
8	Highfield Acres	711 N Wester Ln	Lagoon	17-314-11-01-047.00 01
9	Kinkade Crossing	580 E Honey Ln	Water Reclamation Facility	11-300-12-04-021.00 01
10	Meadow Village	10520 E Serenity Cir	Water Reclamation Facility	18-102-05-02-020.00 01
11	Midway Crossing	1500 N Rollingwood Blvd	Water Reclamation Facility	15-302-01-04-001.01 01
12	Midway USA 40 & J	2200 N Rt. J	Drip Irrigation	15-200-03-00-002.03 01
13	Midway USA Van Horn Tavern	5875 W Van Horn Tavern Rd	Sand Filter	16-103-07-00-026.01-01
14	Prairie Meadows	4812 E Prairie Cir	Water Reclamation Facility	21-201-04-01-016.00 01
15	Quarter Mile Hill	Lot 9 N Quarter Mile Drive	Lagoon	07-500-16-02-006.00 01
16	Richardson Acre	4896 E Flamingo Dr (4896 N RTE B AsRec)	Lagoon	07-800-34-03-004.01 01
17	Rocky Fork	5795 N Rocky Fork Drive	Water Reclamation Facility	11-600-24-00-002.01 01
18	Rollingwood	2301 N Hawthorn Dr	Water Reclamation Facility	15-307-01-04-001.00 01
19	Rocheport	1900 Columbia St	Water Reclamation Facility	14-311-00-02-004.02 01
20	Sunny Slope	N Sunnyslope	Lagoon	07-601-14-01-014.01 01
21	South Route K	1860 W Boris Dr	Water Reclamation Facility	20-216-10-00-006.00 01
22	Trails West	1890 N South Trails Ct	Lagoon	17-319-12-01-345.00 01
23	Twin Lakes	8602 N Cedar Ct	Lagoon	11-104-08-01-056.00 01

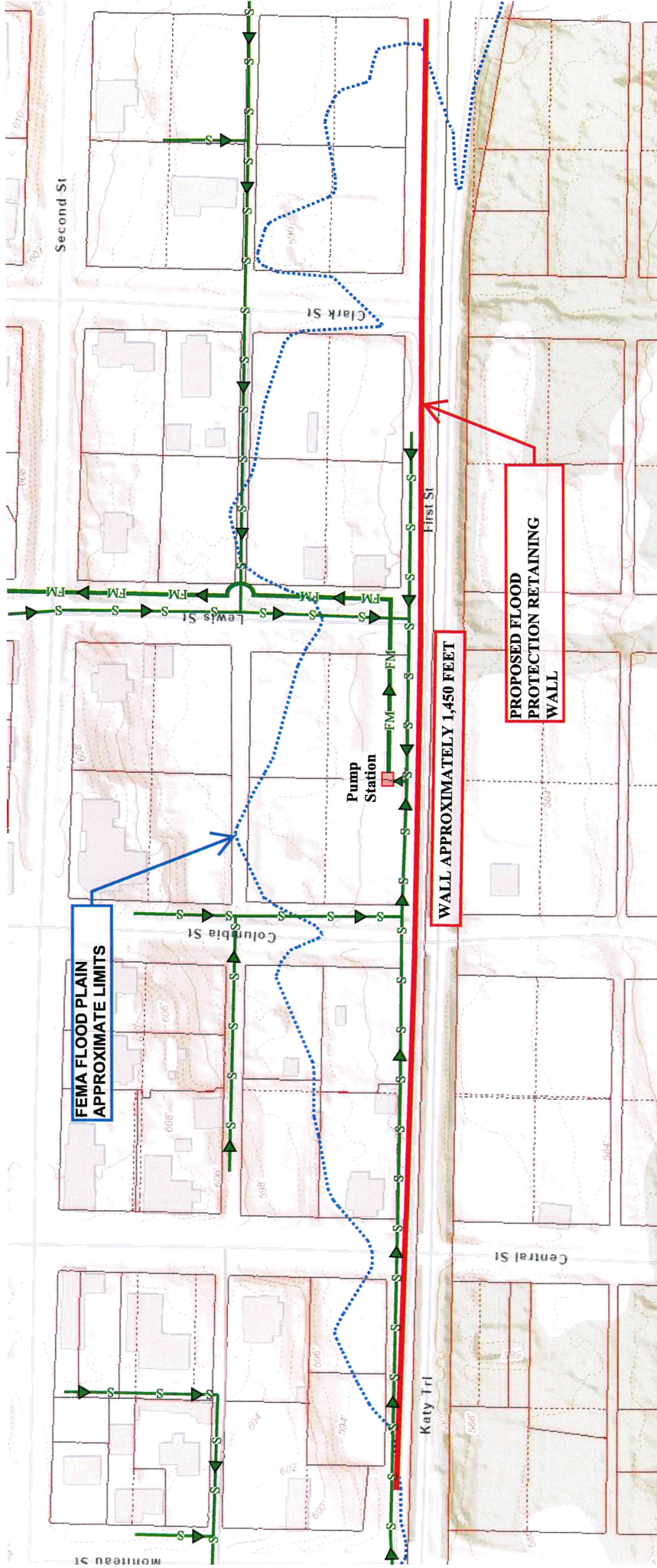


1314 North 7th Street
Columbia, MO 65201
p: 573-443-2774
f: 573-499-0489
www.bcrsd.com

Exhibit A

	Treated Where?	BCRSD Collection System	Address	Collection Type	Parcel Number
1	CITY	Oberlin Valley LS	3840 N Oberlin Valley Rd	Lift Station	11-903-35-05-008.00 01
2	CITY	Lake Capri PS	8195 N Hickory Dr	Pump Station	12-204-10-02-011.00 01
3	CITY	Sharidan Hills PS	4807 E. Heller	Pump Station	12-204-10-03-012.00 01
4	CITY	Hillview PS	6000 E. Eric Ln	Pump Station	12-313-11-02-003.00 01
5	CITY	Sun Valley PS	7301 E Backwoods Cove	Pump Station	12-606-14-01-054.00 01
6	CITY	EL Rey LS	4000 N Hwy PP	Lift Station	12-901-26-02-035.00 01
7	CITY	Lake of Woods PS	5445 E St Charles Rd	Pump Station	17-204-10-02-001.00 01
8	CITY	Fairway West PS	820 Demaret Dr	Pump Station	17-313-11-01-144.00 01
9	CITY	Lee Heights PS	2295 N Rte Z	Pump Station	18-101-06-02-001.00 01
10	CITY	Concorde East PS	8970 E Columbus Ct	Pump Station	18-103-07-04-005.00 01
11	CITY	Spring Park LS	5115 W Brazos Dr	Lift Station	20-102-05-04-013.00 00
12	CITY	Nursery Heights PS	3625 W Campus Dr	Pump Station	20-217-09-02-087.00 01
13	MWCS	Midway Elementary PS	8130 W Hwy 40	Pump Station	
14	PRAM	Bonne Femme PS	1400 W Rte K	Pump Station	20-313-11-00-017.04 01
15	PRAM	Martha's Grove PS	6330 S Hummingbird Ln	Pump Station	21-202-03-04-001.00 01
16	RKYF	Clearview S. PS	5200 N Clearview Dr	Pump Station	11-619-24-01-063.00 01
17	RKYF	Clearview N. PS	5320 N Clearview Rd	Pump Station	11-619-24-01-066.00 01
18	RKYF	Rayfield PS	5163 N Creasy Springs Rd	Pump Station	11-901-26-07-003.00 01
19	RKYF	Crestwood PS	4940 N Montgomery Dr	Pump Station	11-907-00-01-248.00 01
20	RKYF	Shalimar PS	4975 N Shalimar Ct	Pump Station	11-908-25-00-006.01 01
22	RKYF	Green Hills MHP PS	7615 N Hwy VV	Pump Station	
23	ROCH	Rocheport Trail PS	1st St. Between Columbia & Lewis	Pump Station	14-311-00-02-004.01 01
24	ROCH	Rocheport Small PS	4th & Columbia	Pump Station	14-311-00-02-011.00 01
25	SRK	Newtown PS	6951 S Coneflower Ave	Pump Station	20-216-10-06-072.00 01
26	SRK	Hillcreek			

Exhibit B



FEMA FLOOD PLAIN APPROXIMATE LIMITS

WALL APPROXIMATELY 1,450 FEET

PROPOSED FLOOD PROTECTION RETAINING WALL

Legend:

- FEMA Flood Plain Limits
- Proposed Retaining Wall
- BCRSD Pump Station
- S— Sanitary Sewer Gravity Main
- FM— Sanitary Sewer Forcemain Main

City of Rocheport
Boone County, Missouri
January 24, 2024