



DNR - SRF Workshop - January 8th 2026 - Item (J)(1)(B)

From Jesse Stephens <JStephens@bcrsd.com>

Date Wed 1/14/2026 8:29 AM

To Jesse Stephens <JStephens@bcrsd.com>

Dear Board of Trustees,

Myself, Daniel, John and Drew were able to attend the DNR Financial Assistance Workshop on January 8th. We were asked by DNR to make a short presentation on the impact the SRF loan program has had on the district over the years. Attached is a powerpoint presentation from the meeting. This meeting was a good opportunity for our administrative staff to gain insight on current requirements of the SRF program and communicate with DNR staff on upcoming opportunities and deadlines and examine how low interest loans have affect BCRSD debt service over the years. It also allowed us to see how utilizing market rates would have affected overall debt service, had the district chosen to go the private market route instead of approving bond issues and working with the SRF program for low interest loans.



Jesse Stephens, PE - Executive Director
Boone County Regional Sewer District (BCRSD)
1314 N. 7th St., Columbia, MO 65201
C: 573.239.4025 | O: 573.443.2774
e: jstephens@bcrsd.com | w: www.bcrsd.com



BCRSD

Boone County Regional Sewer District

Clean water for your future

CLEAN WATER STATE REVOLVING FUND ASSISTANCE

AND

LONG RANGE PLANNING FOR BCRSD



BCRSD
Boone County Regional Sewer District
Clean water for your future

**JESSE STEPHENS, P.E.
EXECUTIVE DIRECTOR**

**DANIEL CUNNINGHAM
PROJECT MANAGER**



BCRSD
Boone County Regional Sewer District
Clean water for your future

What IS BCRSD'S Mission?

OUR MISSION IS TO PROVIDE CURRENT AND FUTURE CUSTOMERS WITH **COST EFFECTIVE**, RELIABLE SANITARY SEWER SERVICE BY COLLECTING AND TREATING WASTEWATER, AND TO PROTECT PUBLIC HEALTH AND THE ENVIRONMENT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL PERMIT REQUIREMENTS.



BCRSD

Boone County Regional Sewer District

Clean water for your future

SRF LOANS AND COST EFFECTIVENESS

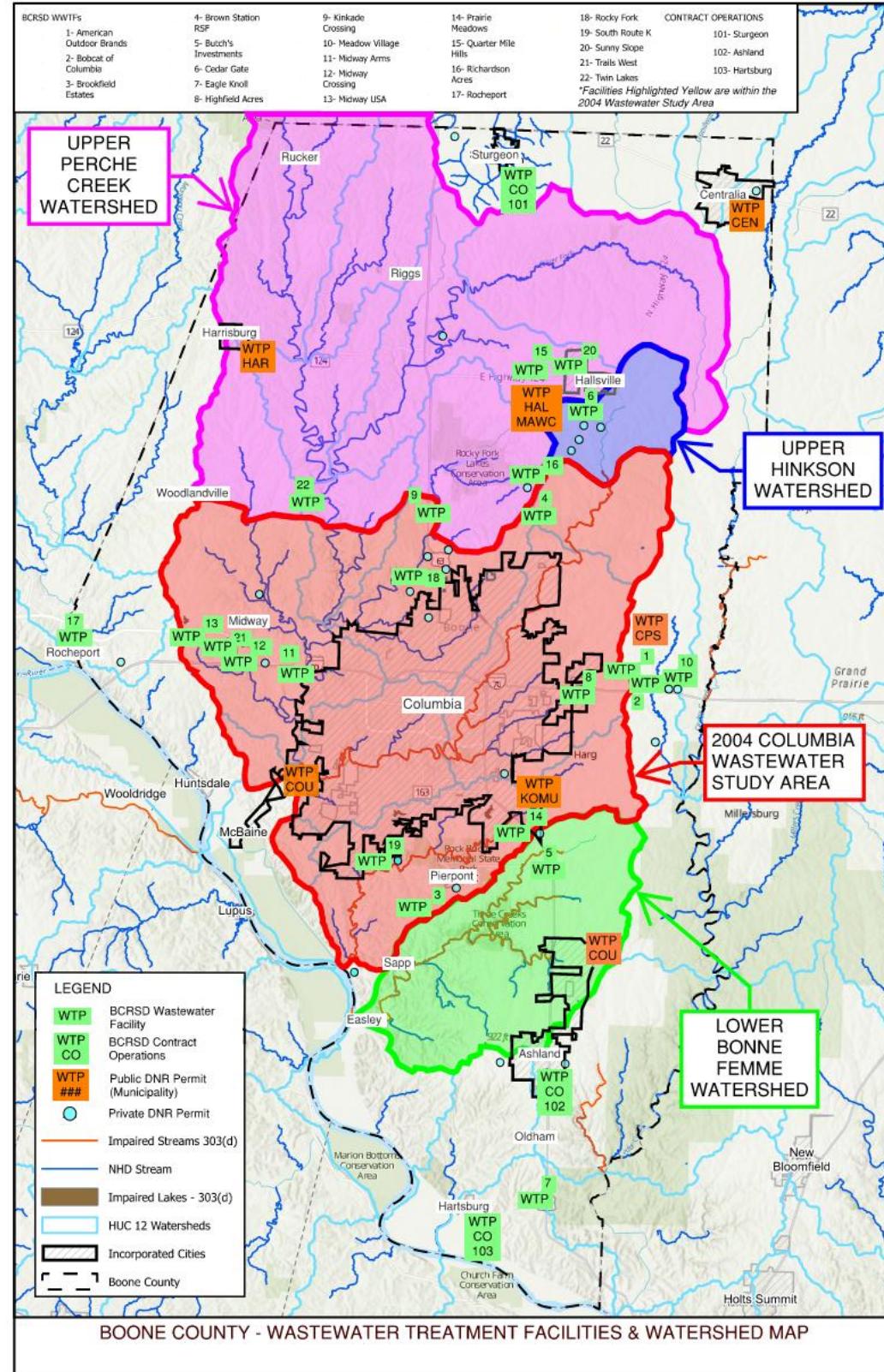
1. EACH \$1,000,000 IN NEW DEBT SERVICE = **\$0.63** PER MONTH TO EACH RATE PAYER WHEN USING DNR SRF LOANS (20 YEAR TERM)
2. EACH \$1,000,000 IN NEW DEBT SERVICE = **\$0.95** PER MONTH TO EACH RATE PAYER WHEN USING MARKET RATE LOANS AND BONDS (20 YEAR TERM)
3. ADDITIONAL GRANTS OBTAINED REDUCE PRINCIPAL COSTS AND OVERALL DEBT SERVICE.
4. SRF LOANS SAVE BCRSD APPROXIMATELY \$0.30 +/- PER MONTH PER CUSTOMER FOR EVERY MILLION DOLLARS OF CAPITAL PROJECT INVESTMENT (COMPARED TO PRIVATE MARKET LOANS)

SRF LOANS WILL CONTINUE TO BE A COST EFFECTIVENESS STRATEGY FOR BCRSD



BCRSD
Boone County Regional Sewer District
Clean water for your future

WHERE ARE THE DNR PERMITTED WWTP'S IN BOONE COUNTY IN 2026?

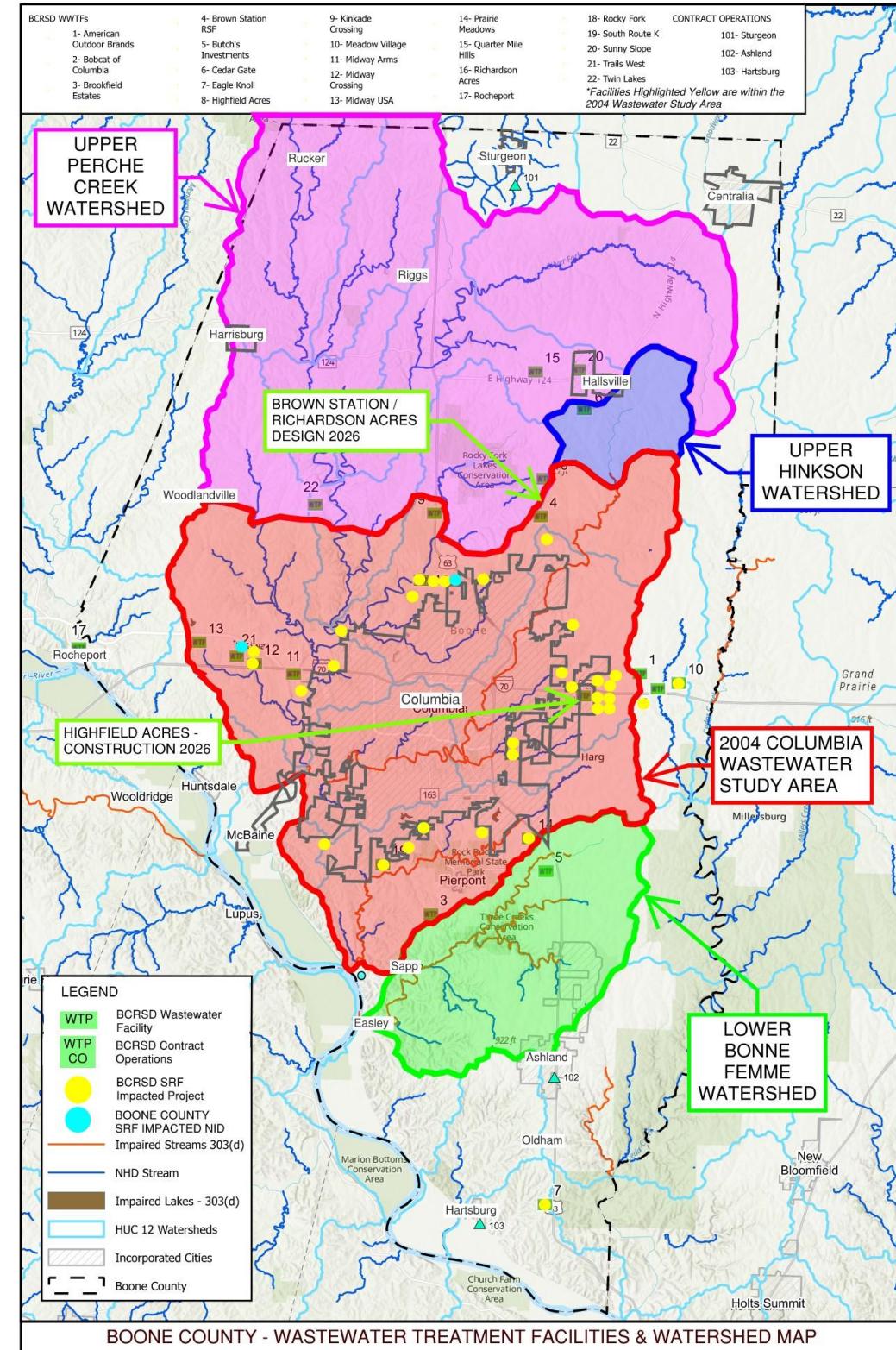




WHICH BCRSD FACILITIES HAVE UTILIZED SRF FUNDING?

35 SYSTEM LOCATION IMPROVEMENTS SINCE 1997

- LAGOON CLOSURES
- TRUNK LINE
INTERCEPTORS
- LIFT STATIONS
- NEW TREATMENT PLANTS
- TREATMENT PLANT
UPGRADES





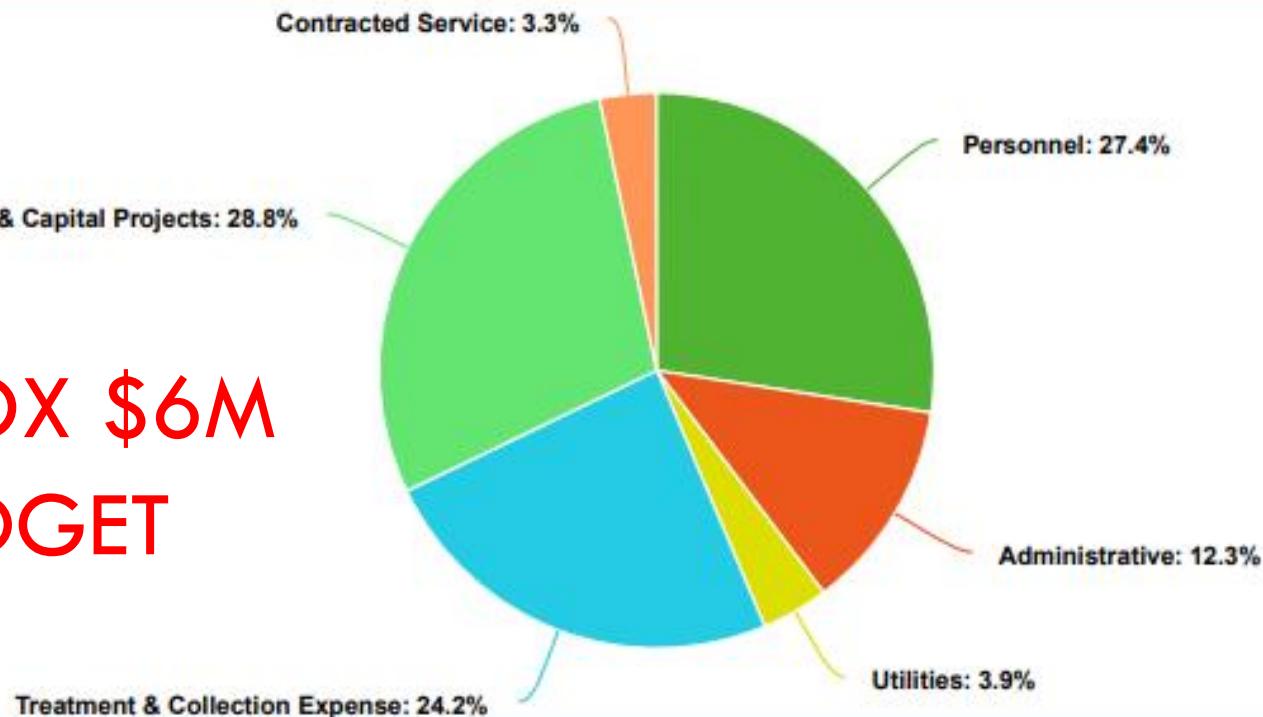
SYSTEM OVERVIEW

- (9) EXTENDED AERATION TREATMENT PLANTS
- (4) NO DISCHARGE DRIP IRRIGATION FACILITIES
- (2) RECIRCULATING SAND FILTERS
- (8) LAGOONS
- 22 TOTAL TREATMENT LOCATIONS. PERMITTED FLOWS RANGE FROM 1,850 GALLONS PER DAY TO 460,000 GALLONS PER DAY
- 96 MILES OF GRAVITY SEWER MAIN; 45 MILES OF PRESSURE SEWER MAIN
- 30 PUBLIC PUMP STATIONS
- APPROXIMATELY 7,800 CONNECTED UNITS



BCRSD BUDGET/EXPENSES OVERVIEW

APPROX \$6M
BUDGET

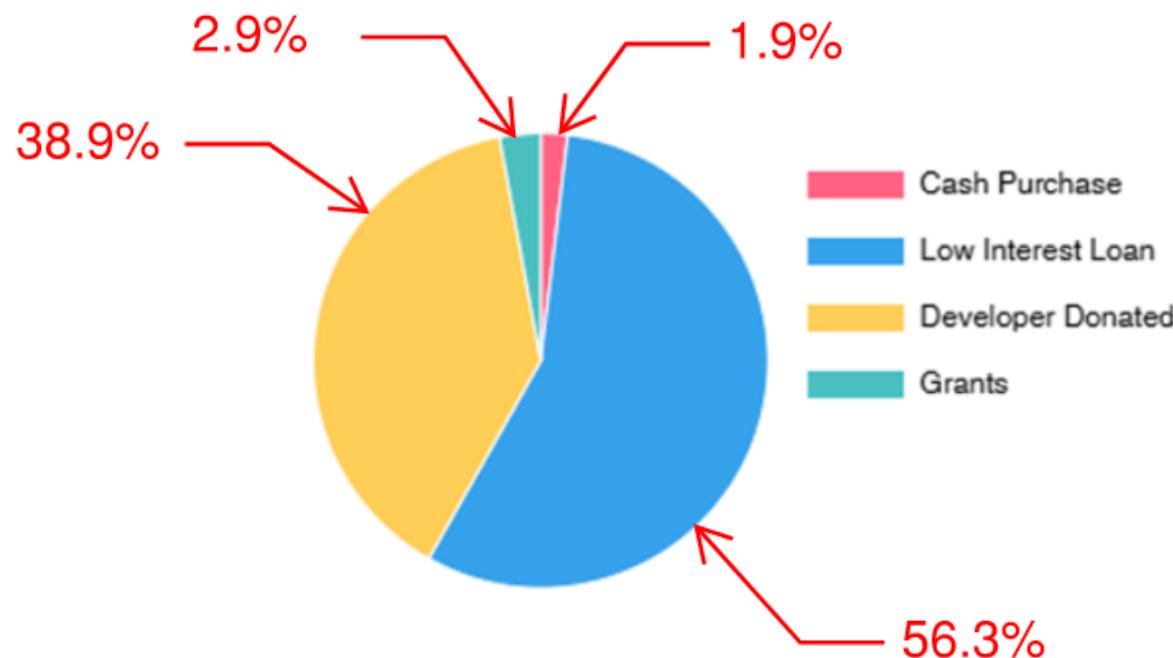


Legend: Personnel (Green), Administrative (Orange), Utilities (Yellow), Treatment & Collection Expense (Blue), Contracted Service (Orange), Debt Service & Capital Projects (Green)



WHAT IS BCRSD'S HISTORICAL FINANCE STRATEGY?

BCRSD SEWER INFRASTRUCTURE



**APPROXIMATELY \$50
MILLION
IN INFRASTRUCTURE
- PAST 20 YEARS**



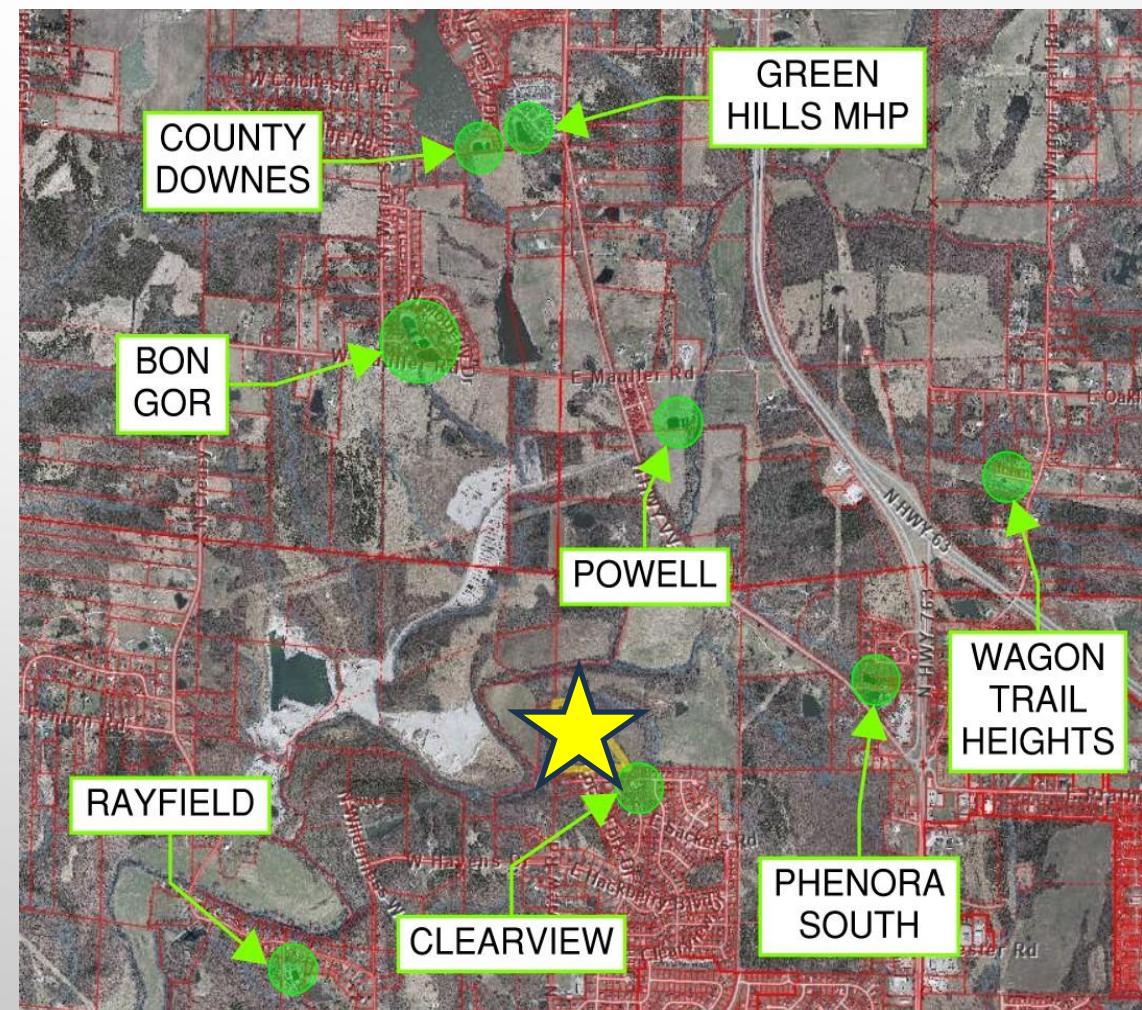
BCRSD WWTP'S THAT RECEIVED SRF FUNDING

1. AMERICAN OUTDOOR BRANDS
2. BOBCAT OF COLUMBIA
3. BROOKFIELD ESTATES
4. **BROWN STATION RSF**
5. BUTCH'S INVESTMENTS
6. CEDAR GATE
7. **EAGLE KNOLL**
8. **HIGHFIELD ACRES**
9. KINKADE CROSSING
10. **MEADOW VILLAGE**
11. MIDWAY ARMS
12. MIDWAY CROSSING
13. MIDWAY USA
14. **PRAIRIE MEADOWS**
15. QUARTER MILE HILLS
16. **RICHARDSON ACRES**
17. ROCHEPORT
18. **ROCKY FORK**
19. **SOUTH ROUTE K**
20. SUNNY SLOPE
21. TRAILS WEST
22. TWIN LAKES

THERE WERE 37 BCRSD FACILITIES IN 2013



ROCKY FORK PLANT → REGIONALIZATION





Rocky Fork WWTP

- OXIDATION DITCH
- 460,000 GPD
- 2013 SRF LOAN - \$10,382,000 FOR WWTP
- 2015 SRF LOAN - \$1,291,445 FOR COLLECTION INTERCEPTOR
- TOTAL SRF PRINCIPAL AMOUNT = \$11,673,445





Rocky Fork WWTP

- 2013 SRF LOAN -
\$10,382,000 FOR
WWTP – 1.48% SRF
LOAN
- 2015 SRF LOAN -
\$1,291,445 FOR
COLLECTIONS
INTERCEPTOR – 1.26%
SRF LOAN





Rocky Fork WWTP

- 2013 SRF LOAN – ORIGINAL TERM OF 20 YEARS
 - \$10,382,000 PRINCIPAL
 - \$1,695,574 INTEREST
 - \$706,303 BANK/DNR FEES
 - **\$12,783,877 TOTAL**
- 2015 SRF LOAN – ORIGINAL TERM OF 20 YEARS
 - \$1,291,445 PRINCIPAL
 - \$92,047 INTEREST
 - \$79,451 BANK/DNR FEES
 - **\$1,462,943 TOTAL**





Rocky Fork WWTP

- 2013 & 2015 SRF LOAN –
ORIGINAL TERM OF 20 YEARS
 - \$11,673,445 PRINCIPAL
 - \$2,573,375 INTEREST/FEES
 - **\$14,246,820 TOTAL**
- IMPACT ON MONTHLY
RATES (7,800 UNITS) =
 - \$6.23 (PRINCIPAL)
 - \$1.38 (INTEREST)
 - \$7.61 (TOTAL)**





Rocky Fork WWTP

- 2022 SRF LOAN REFINANCE
OPTION → 30 YEAR TERM
 - \$11,673,445 PRINCIPAL
 - \$3,408,963 INTEREST/FEES
 - **\$15,082,408 TOTAL**
- IMPACT ON MONTHLY
RATES (7,800 UNITS) =
 - \$4.16 (PRINCIPAL)
 - \$1.21 (INTEREST)
 - \$5.37 (TOTAL)**





Rocky Fork WWTP

- 2013 & 2015 SRF LOAN –
ORIGINAL TERM OF 20 YEARS
- **\$14,246,820 TOTAL**
- 2022 SRF LOAN REFINANCE
OPTION → 30 YEAR TERM
- **\$15,082,408 TOTAL**
- **\$835,588 EXTRA IN
FEES/INTEREST**
- PER CONNECTION SAVINGS
(7,800 UNITS)
\$7.61 → \$5.37 (30% DROP)





Rocky Fork WWTP

- PROJECT AT MARKET RATES –
20 YEAR TERM @ 4.93%
- *EXTRA \$4,800,000 INTEREST*
- *\$19,043,000 ESTIMATED
TOTAL COST*
- PER CONNECTION MONTHLY
COST (7,800 UNITS)
**\$7.61 → \$10.17 (34%
INCREASE)**





Rocky Fork WWTP

- PROJECT AT MARKET RATES –
30 YEAR TERM @ 4.93%
- *EXTRA \$7,763,000 INTEREST*
-\$22,845,000 *ESTIMATED*
TOTAL COST
- PER CONNECTION MONTHLY
COST (7,800 UNITS)
**\$5.37 → \$8.13 (51%
INCREASE)**





Rocky Fork WWTP

- SRF HAS REDUCED THE OVERALL INTEREST DUE ON THIS PROJECT BY NEARLY **\$8 MILLION**.
- WE ESTIMATE OUR CUSTOMERS WOULD PAY ALMOST **\$5** MORE ON THEIR MONTHLY BILL FOR THIS ONE PROJECT WITHOUT SRF ASSISTANCE.
- PRINCIPAL WOULD HAVE NEEDED TO BE +/- 30% LESS FOR MARKET RATES TO BREAK EVEN WITH SRF LOAN PROCESS.





What is the Capital Improvements Plan?

- PLAN FOR ADDRESSING PERMIT COMPLIANCE SCHEDULES.
- PLAN FOR ADDRESSING TREATMENT FACILITY UPGRADES.
- PLAN FOR CAPACITY EXPANSION IMPROVEMENTS.
- PLAN FOR COLLECTION SYSTEM IMPROVEMENTS.
- PLAN FOR OPERATIONAL ENHANCEMENTS.

THE GOAL IS TO INVEST IN SYSTEM IMPROVEMENTS THAT REDUCE OPERATION COSTS WHILE INCREASING ENVIRONMENTAL STEWARDSHIP.



BCRSD

Boone County Regional Sewer District

Clean water for your future

\$1 MILLION SRF GRANT

COMPLIANCE SCHEDULES

1. BROWN STATION	\$4.1 MILLION (\$2 MILLION ALTERNATIVE)
2. RICHARDSON ACRES	\$2 MILLION
3. SOUTH ROUTE K	\$21.6 MILLION
4. TRAILS WEST	\$1.7 MILLION
5. TWIN LAKES	\$2.3 MILLION
6. CEDAR GATE	\$3.5 MILLION
7. QUARTER MILE HILLS	\$1.7 MILLION
8. SUNNYSLOPE	\$1.1 MILLION

\$38 MILLION OVER 20 YEARS



COLLECTION SYSTEM UPGRADES

1. CEDAR LAKE SIPHON	\$0.9 MILLION
2. HILL CREEK PRESSURE SEWER	\$0.2 MILLION
3. WOODLANDS PRESSURE SEWER	\$0.2 MILLION
4. NEW TOWN PUMP STATION	\$0.2 MILLION
5. ROLLINGWOOD AERIAL CROSSING	\$0.4 MILLION
6. FAIRWAY WEST PUMP STATION	\$1.4 MILLION
7. CLEARVIEW NORTH PUMP STATION	\$0.4 MILLION
8. VARIOUS PUMP STATION UPGRADES	\$0.2 MILLION
9. WATERS EDGE	\$2.2 MILLION

\$6 MILLION OVER 20 YEARS



TREATMENT UPGRADES

1. KINKADE CROSSING	\$0.5 MILLION
2. MEADOW VILLAGE	\$0.3 MILLION
3. MIDWAY CROSSING	\$0.2 MILLION
4. PRAIRIE MEADOWS	\$0.9 MILLION
5. ROCHEPORT	\$0.1 MILLION
6. ROCKY FORK	\$1.5 MILLION
7. AMERICAN OUTDOOR BRANDS	\$0.1 MILLION
8. EAGLE KNOLL	\$0.3 MILLION
9. MIDWAY USA	\$0.1 MILLION

\$4 MILLION OVER 10 YEARS



OPERATIONAL ENHANCEMENTS

1. PORTABLE SLUDGE PRESS	\$1.5 MILLION
2. FLOW METERING	\$0.1 MILLION
3. COLLECTION SYSTEM EVALUATIONS	\$3.6 MILLION
4. COLLECTION SYSTEM REHAB	\$17.8 MILLION

\$23 MILLION OVER 20 YEARS

**GRAND TOTAL: \$71 MILLION
OVER 20 YEARS**



WHAT IS NEXT FOR BCRSD?

- PRELIMINARY USER RATE STUDY
- AWMP/CIP APPROVAL BY BCRSD BOARD IN FEBRUARY
- PUBLIC HEARING – (MARCH OF 2026)
- PRESENT CIP AND AWMP TO CLEAN WATER COMMISSION – APRIL 8TH 2025
- 5/10-YEAR USER RATE STUDY
- IDENTIFY PROJECTS FOR BOND ELECTION
- BOND ELECTION INFORMATION – Q3 AND Q4 OF 2026
- BOND ELECTION (APRIL 2027 – TENATIVELY)
- SRF APPLICATION FOR SOUTH ROUTE K IMPROVEMENTS



QUESTIONS?

