

# BROWN COUNTY & HELMSBURG REGIONAL SEWER DISTRICTS

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A COOPERATIVE EFFORT  
THE LAKE LEMON – WOODLAND LAKE SEWER PROJECT  
PUBLIC HEARING – JULY 8TH, 2023

# THE PROJECT TEAM

- Brown County Regional Sewer District
- Helmsburg Regional Sewer District
- Beam, Longest & Neff
- Lochmueller Group
- Reedy Financial Group
- Bose McKinney & Evans LLP
- Barnes & Thornburg LLP
- Rural Community Assistance Partnership
- Residents of Brown County

# RESIDENTS OF BROWN COUNTY

Brown County residents need to participate in the continued development of this project planning.

Your comments, questions, concerns and input is vital in shaping this important work.



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**CHRIS  
KAUFMAN, PE,  
MLE  
VICE PRES. WATER  
RESOURCES**  
BEAM, LONGEST AND NEFF

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25 years Experience

22 years with BLN

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Wastewater Collection and Treatment  
Projects

New Projects, Retrofit and Modifications

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Projects of Note:

Morgan County RSD

Northwest Shelby County RSD

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# GOALS AND POINTS OF ORDER FOR TODAY'S PUBLIC HEARING



Presentation of the public  
hearing goals



Presentation of the project  
by the Team



Previously submitted and  
frequently asked questions  
will be answered



Open forum to attendees  
for comments and  
additional questions

# RURAL COMMUNITY ASSISTANCE PARTNERSHIP

The Rural Community Assistance Partnership (RCAP) is a national network of nonprofit partners with over 350 technical assistance providers across the country. RCAP works to improve the quality of life in rural America starting at the tap.

Through these efforts, RCAP builds local capacity to ensure these small, rural and tribal communities have safe, affordable and reliable access to drinking water, wastewater and solid waste disposal to protect public and environmental health. This key infrastructure is the foundation on which these communities can then build to more broadly innovate and thrive.

“Improving Rural Quality of Life”



Rural Community  
Assistance Partnership

Vicki Perry

Sr. Training & Technical Services  
Specialist, RCAP Inc.

- Eleisha Shelton
- Rural Development Specialist,  
Indiana RCAP

# Financial Assistance

For Septics, Wells, and Connecting to New Sewers

## USDA's "504" Home Repair Program



- Low interest loan (or grant for those over 62 years)
- For a wide variety of renovations to bring a home up to health code standards: laterals to connect to sewer, well/septic abandonment and repairs, but also roofing, water treatment, renovations to age in place, heating/cooling, more.
- Must be homeowner and meet income guidelines
- Contact Vince Maloney, Single Family Housing Director @ 317-295-5774  
[vincent.maloney@usda.gov](mailto:vincent.maloney@usda.gov) or talk to your sewer utility about having USDA visit & collect applications during construction.



## GLCAP's Revolving Loan Fund

- For water well improvements, in-home water treatment, & septic systems
- Must own home and meet household income limit (\$34,800)
- Up to \$15,000, 20-year term, 1% loans
- Supported by USDA
- Contact Valerie Van Fleet 1-800-775-9767 [vjvanfleet@glcap.org](mailto:vjvanfleet@glcap.org)



# HELMSBURG REGIONAL SEWER DISTRICT

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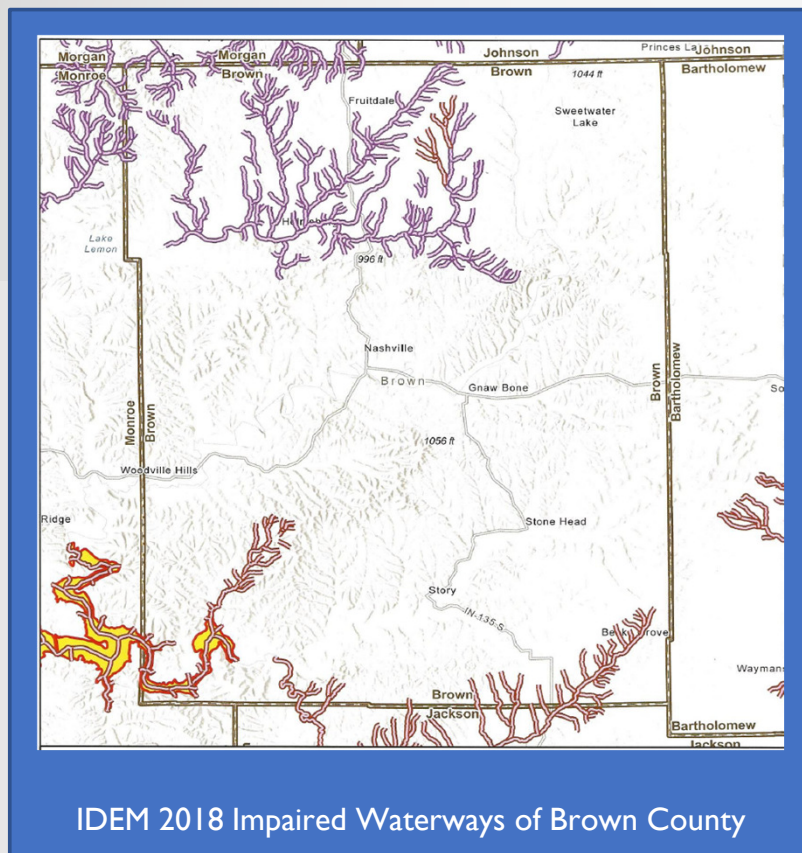
# BROWN COUNTY REGIONAL SEWER DISTRICT

The Helmsburg Regional Sewer District (HRSD) currently serves the village of Helmsburg and nearby residences. With its existing WWTP plant and NPDES permit, HRSD is well suited to provide wastewater treatment for this combined project

The Brown County Regional Sewer District was formed to provide sanitary sewage collection and treatment service to areas of Brown County not already being serviced by other Sewer Districts or Municipalities.

The role of BCRSD in this project is to facilitate the overall scope of the project, be the lead entity in pursuing funding, managing the multiple phases of the Bean Blossom Creek Watershed





## LEGEND

HUC 8 Sub-Basins



HUC 10 Watersheds



WMP and TMDL Reports Search Tool



ATTAINS Assessment Data

Rivers/Streams

Unassessed

Good

Polluted

Lakes/Reservoirs

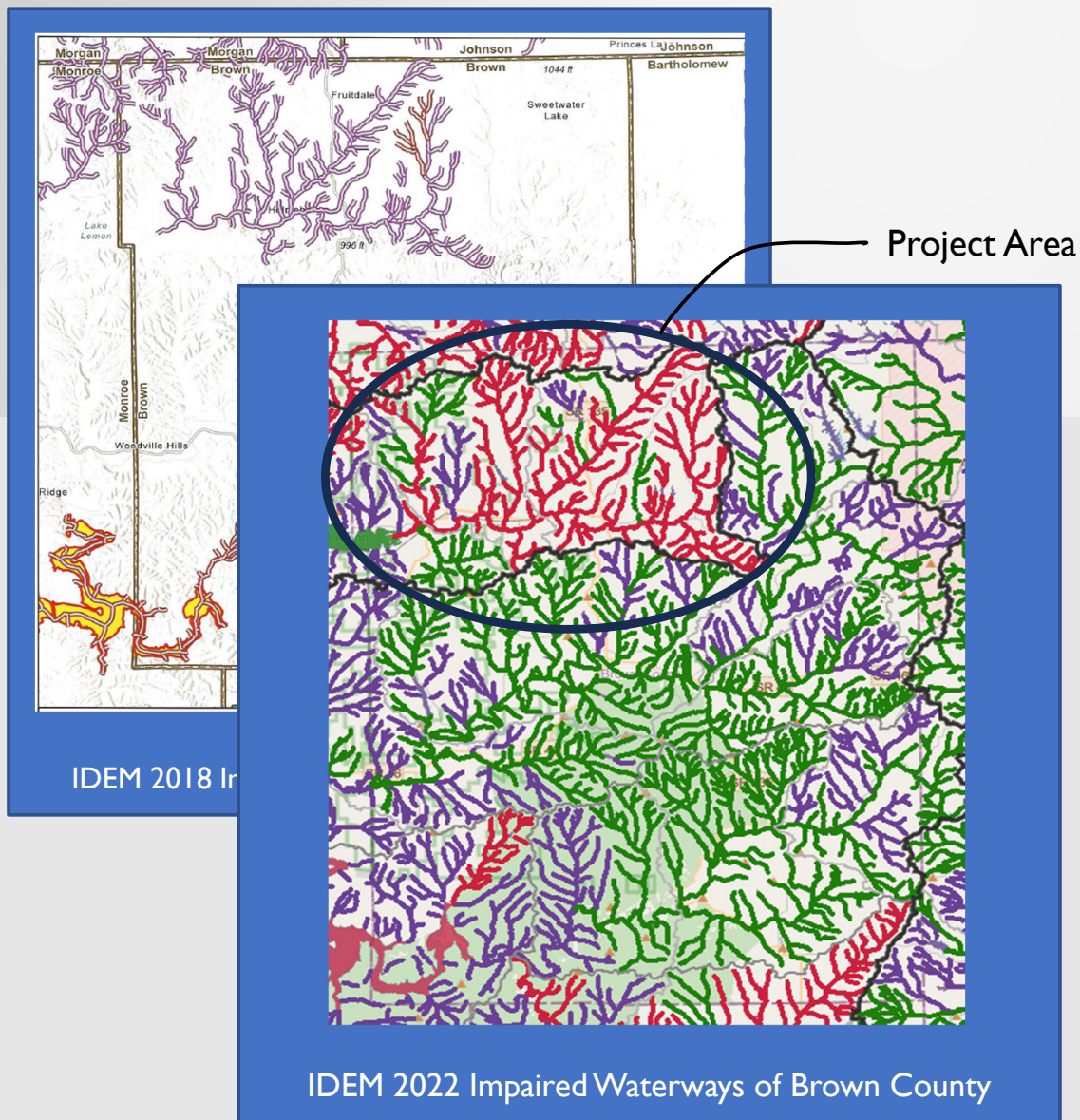
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<https://www.in.gov/idem/nps/online-e303d-tool/>





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THE  
NEED

IDEM has routinely classified the Bean Blossom watershed as IMPAIRED for recreational use (E.coli)

<https://www.in.gov/idem/nps/resources/total-maximum-daily-load-reports/beanblossom-creek/>  
<https://mywaterway.epa.gov/>



Indiana Department of Environmental  
Management

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Indiana Department of Environmental  
Management

THE  
NEED

The Hoosier Environmental  
Council in 2010 estimated 30%  
septic system failures in the  
watershed

[https://www.hecweb.org/issues  
/water-wilderness/water-  
protection/](https://www.hecweb.org/issues/water-wilderness/water-protection/)



*All. Together. Now.*



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Indiana Department of Environmental  
Management

## THE NEED

The Hoosier Environmental  
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<https://www.hecweb.org/issues/water-wilderness/water-protection/>



*All. Together. Now.*



LLCD and IU-SPEA continue to report  
high E.coli levels at Lake Lemon.

[https://www.lakelemon.org/wp-content/uploads/2021/09/Lake-Lemon-2020\\_Summary.pdf](https://www.lakelemon.org/wp-content/uploads/2021/09/Lake-Lemon-2020_Summary.pdf)

IDEM has routinely classified the Bean Blossom watershed as **IMPAIRED** for recreational use (E.coli)

<https://www.in.gov/idem/nps/resources/total-maximum-daily-load-reports/beanblossom-creek/>  
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**Indiana Department of Environmental  
Management**

The Brown County Health Department is responsible for the oversight on on-site septic systems.

Of 3,633 properties with homes studied by BCHD in the Bean Blossom Creek Watershed (as of January 1, 2022):

- 2,169 households (60%) had records of septic systems:
- 1,464 households (40%) without any records of septic systems.

Age of Septic Systems (of the 2,169 properties with records of septic systems in Bean Blossom Creek Watershed):

- 83% have septic systems over 10 years old
- 59% have septic systems over 20 years old
- 25% have septic systems over 30 years old
- 12% have septic systems over 40 years old



The Hoosier Environmental Council in 2010 estimated 30% septic system failures in the watershed

<https://www.hecweb.org/issues/water-wilderness/water-protection/>



*All. Together. Now.*



LLCD and IU-SPEA continue to report high E.coli levels at Lake Lemon.

[https://www.lakelemon.org/wp-content/uploads/2021/09/Lake-Lemon-2020\\_Summary.pdf](https://www.lakelemon.org/wp-content/uploads/2021/09/Lake-Lemon-2020_Summary.pdf)



NEED:

Numerous External Studies  
Reporting  
Large amounts of E.coli including  
human sourced and  
pharmaceuticals in the  
watershed



**BCRSD**

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Numerous External Studies  
Reporting  
Large amounts of E.coli including  
human sourced and  
pharmaceuticals in the  
watershed

WHERE:

Bean Blossom Creek  
Watershed Includes  
Lake Lemon, Helmsburg, Bean  
Blossom, Fruitdale and  
Woodland Lake areas



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Watershed Includes  
Lake Lemon, Helmsburg, Bean  
Blossom, Fruitdale and  
Woodland Lake areas

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Numerous External Studies  
Reporting  
Large amounts of E.coli including  
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pharmaceuticals in the  
watershed

**SOURCE:**

Lochmueller Group ran a  
county-wide simulation of  
source.



WHERE:

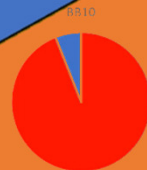
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SOURCE:

Prove the source.  
Ran a Coliphage Serotyping Test  
Showing from 50% to 94% in  
qualified samples to be human





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**SOURCE:**

**WHY:**



Public Health  
Prevent. Promote. Protect.

Reviewed Brown County Health  
Department Septic Permit Records





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Watershed Includes  
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Reviewed Brown County Health  
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Septic Systems in Flood Plain  
Extended E.Coli lifespan in soil  
Poorly maintained systems  
Improperly constructed systems  
Poor soils for septic

**HOW:**





**NEED:** Numerous External Studies  
Reporting  
Large amounts of E.coli including  
human sourced and  
pharmaceuticals in the  
watershed

**WHERE:**

Bean Blossom Creek  
Watershed Includes  
Lake Lemon, Helmsburg, Bean  
Blossom, Fruitdale and  
Woodland Lake areas

**WHAT:** 62%  
of potential users have  
septic systems that are over  
30 years old or have no  
installation record

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Lochmueller Group ran a  
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Public Health  
Prevent. Promote. Protect.

Septic Systems in Flood Plain  
Extended E.Coli lifespan in soil  
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**HOW:**

# THE PROJECT

**NEED:** Numerous External Studies Reporting Large amounts of E.coli including human sourced and pharmaceuticals in the watershed

**WHERE:** Bean Blossom Creek Watershed Includes Lake Lemon, Helmsburg, Bean Blossom, Fruitdale and Woodland Lake areas

**WHAT:** 62% of potential users have septic systems that are over 30 years old or have no installation record

**SOURCE:** Lochmueller Group ran a county-wide simulation of source.



**SOURCE:** Prove the source. Ran a Coliphage Serotyping Test Showing from 50% to 94% in qualified samples to be human

**WHY:**



Reviewed Brown County Health Department Septic Permit Records

Septic Systems in Flood Plain  
Extended E.Coli lifespan in soil  
Poorly maintained systems  
Improperly constructed systems  
Poor soils for septic

**HOW:**

# BEAM, LONGEST & NEFF

Engineering consultant for the BCRSD that completed the Preliminary Engineering Report for collection system



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## BRIAN BULLOCK, PE, SENIOR PROJECT ENGINEER

BEAM, LONGEST AND NEFF

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24 years Experience

7 years with BLN

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Specializes in master planning for wastewater collection and treatment facilities

Designed projects ranging in size from a few thousand dollars to multi-million-dollar infrastructure upgrade

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Projects of Note:

Morgan County Regional Sewer District – Waverly Sewer Project

City of Boonville – Westside Sewer Project

Muncie Sanitary Sewer District – Cowan Sewer Project

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# THE LAKE LEMON – WOODLAND LAKE SEWER PROJECT

## STUDY AREA

- BEAN BLOSSOM CREEK WATERSHED
- 71 SQUARE MILES
- 2,900 POTENTIAL USERS WITH ABOUT 80% IN BROWN COUNTY AND 20% IN MONROE COUNTY

## SERVICE AREA OR PROJECT AREA

- APPROX. 722 USERS WITH 99% BEING RESIDENTIAL
- WEST OF HELMSBURG – EAST SIDE OF LAKE LEMON INCLUDING NORTHSORE AND SOUTSHORE, POINT IDALAWN, TREVLAC, AND NEEDMORE AREAS
- EAST OF HELMSBURG – BEAN BLOSSOM, BILL MONROE'S AND WOODLAND LAKE AREAS



BCRSD - Bean Blossom Creek Basin - Data

Drainage Area Above Lake Lemon Dam 45,530 Acres / 71.1 Sq. Miles

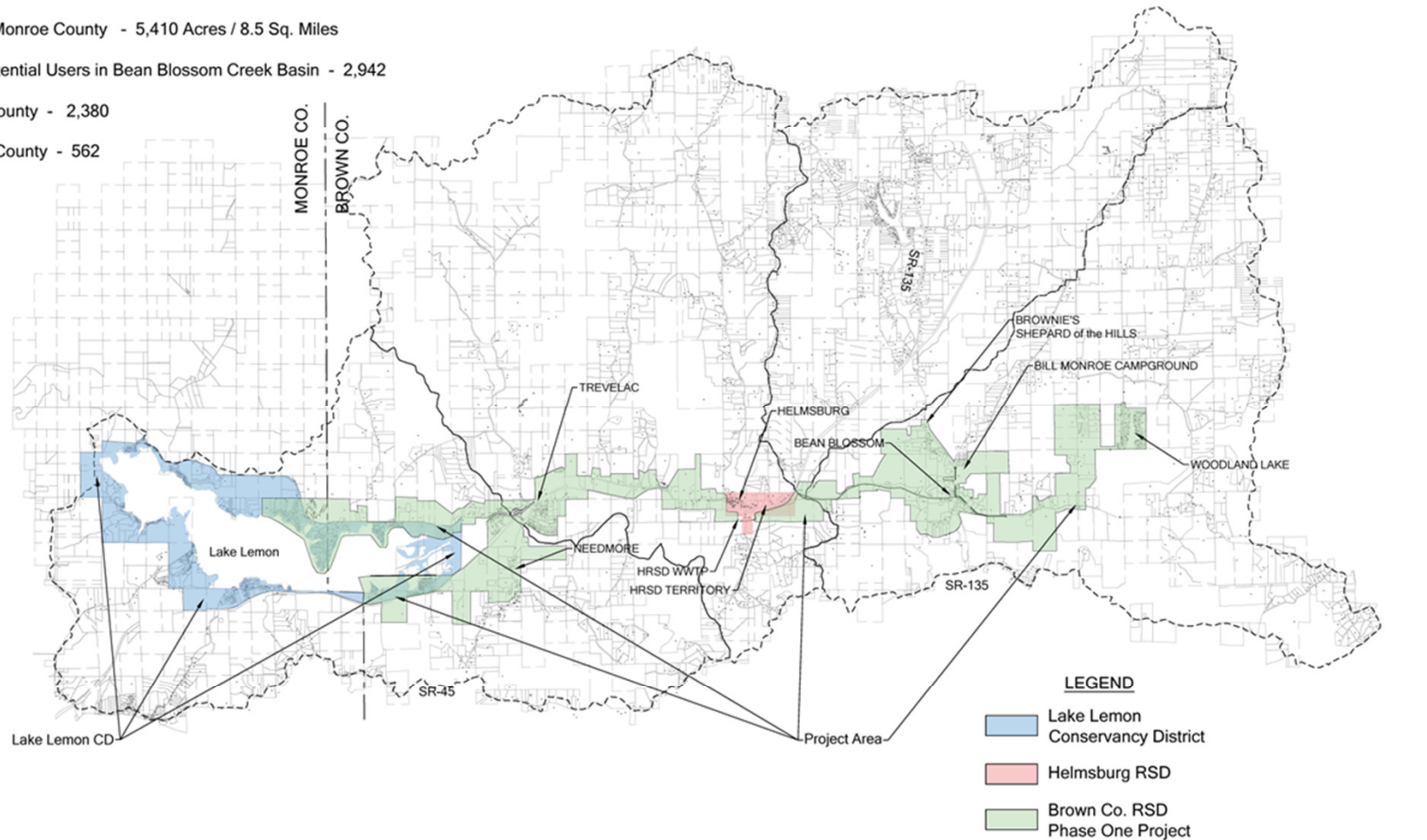
Area in Brown County - 40,120 Acres / 62.6 Sq. Miles

Area in Monroe County - 5,410 Acres / 8.5 Sq. Miles

Total Potential Users in Bean Blossom Creek Basin - 2,942

Brown County - 2,380

Monroe County - 562



Lake Lemon / Helmsburg / Bean Blossom Area - Brown County, INDIANA  
POTENTIAL PROJECT PHASING AREA  
December 21, 2022

**Brown County Regional Sewer District**

A TRADITION OF EXCELLENCE  
SINCE 1945  
BLOOMINGTON, INDIANA

**BLN**  
BEAM-LONGEST-NEFF

Project  
Area  
Map



# COLLECTION SYSTEM ALTERNATIVES

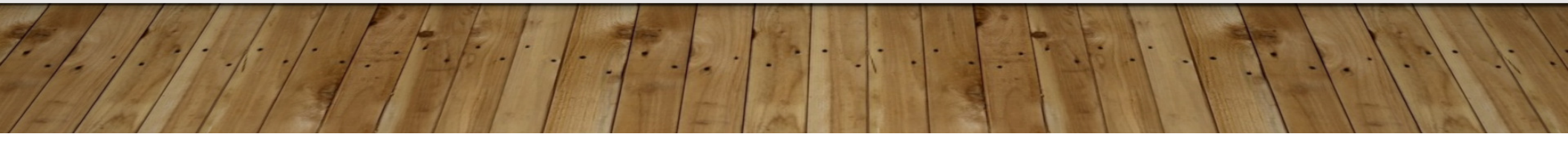
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## GRAVITY SANITARY SEWERS

- Popular in most towns or cities with dense population
- Susceptible to inflow and infiltration
- Construction method is limited to open cut installation
- Rolling terrain of the project areas would result in the need for many main lift stations with sewers being over 25 feet in depth in areas
- Presence of rock at 2 to 6 feet below surface in the project area would significantly increase construction costs

## LOW PRESSURE SANITARY SEWERS

- Popular in areas rural areas with rolling terrain such as areas around lakes
- Construction method could be by open cut or horizontally directionally drilled
- Individual grinder pumps will be located at each connection
- Significantly reduces the number of main lift stations



# WASTEWATER TREATMENT ALTERNATIVES

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## NEW TREATMENT PLANT NEAR NEEDMORE / TREVAC AREAS

- Designed specifically for the current and future needs of BCRSD
- Would require purchase of additional land
- Would create a new discharge point and require new permitting

## EXPANSION OF HRSD'S EXISTING TREATMENT PLANT

- Designed for the current and future needs of BCRSD and HRSD
- No additional land required
- Utilizes the same discharge point and requires only a modification to the existing permit
- Provides an opportunity to share resources and costs

## SELECTED ALTERNATIVE

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Phase I

- Low Pressure Collection System Alternative
- Treatment by HRSD
- Estimated Construction Costs = \$30,520,000
- Estimated Non-Construction Costs = \$8,480,000
- Estimated Project Costs = **\$39,000,000**

# INDIVIDUAL GRINDER PUMP

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Before installation



# INDIVIDUAL GRINDER PUMP

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During installation

# INDIVIDUAL GRINDER PUMP

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After installation





# LOCHMUELLER GROUP

Engineering Consultants for the HRSD that completed the Preliminary Engineering Report for their wastewater treatment and collection system improvement alternatives





TODD TRINKLE,

PROJECT  
MANAGER:  
REGULATORY  
SPECIALIST

LOCHMUELLER GROUP

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27 years Experience

8 years with Lochmueller Group

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20+ Wastewater Collection and  
Treatment Projects

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Projects of Note:

City of Bedford Wastewater Treatment  
Plant Upgrade Project

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Other info

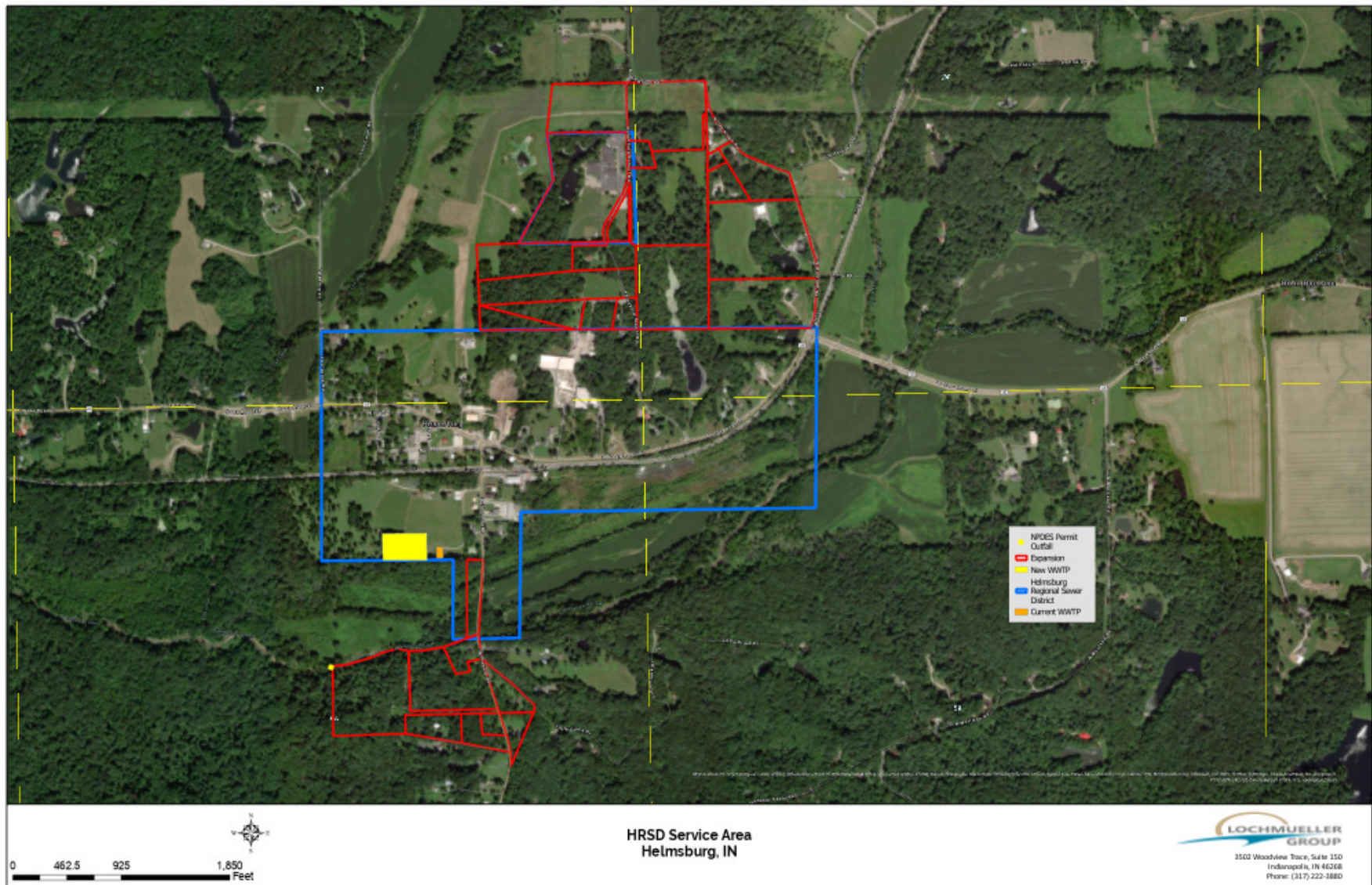
10 years with IDEM

4 years with County Health Dept.

# Wastewater System Summary

- The collection system was put in service in 1996
- Class I, 0.025 MGD (million gallons per day)
- Ashbrook Simon-Hartley extended aeration package plant,
  - Put into service in 1996
  - Design year of 2016.
- Previous Improvements at the WWTP
  - Complete replacement of surge tank in 2007
  - Renovation of aeration header in 2017
  - Addition of bar screen box in 2007
  - Installation of generator stands in 2009
  - Installation of grinder pump for surge tank in 2022.

# Project Location



# Project Alternatives

- The **Part 1** component consists of 4 alternatives to address collection system expansion. The alternatives evaluated are:

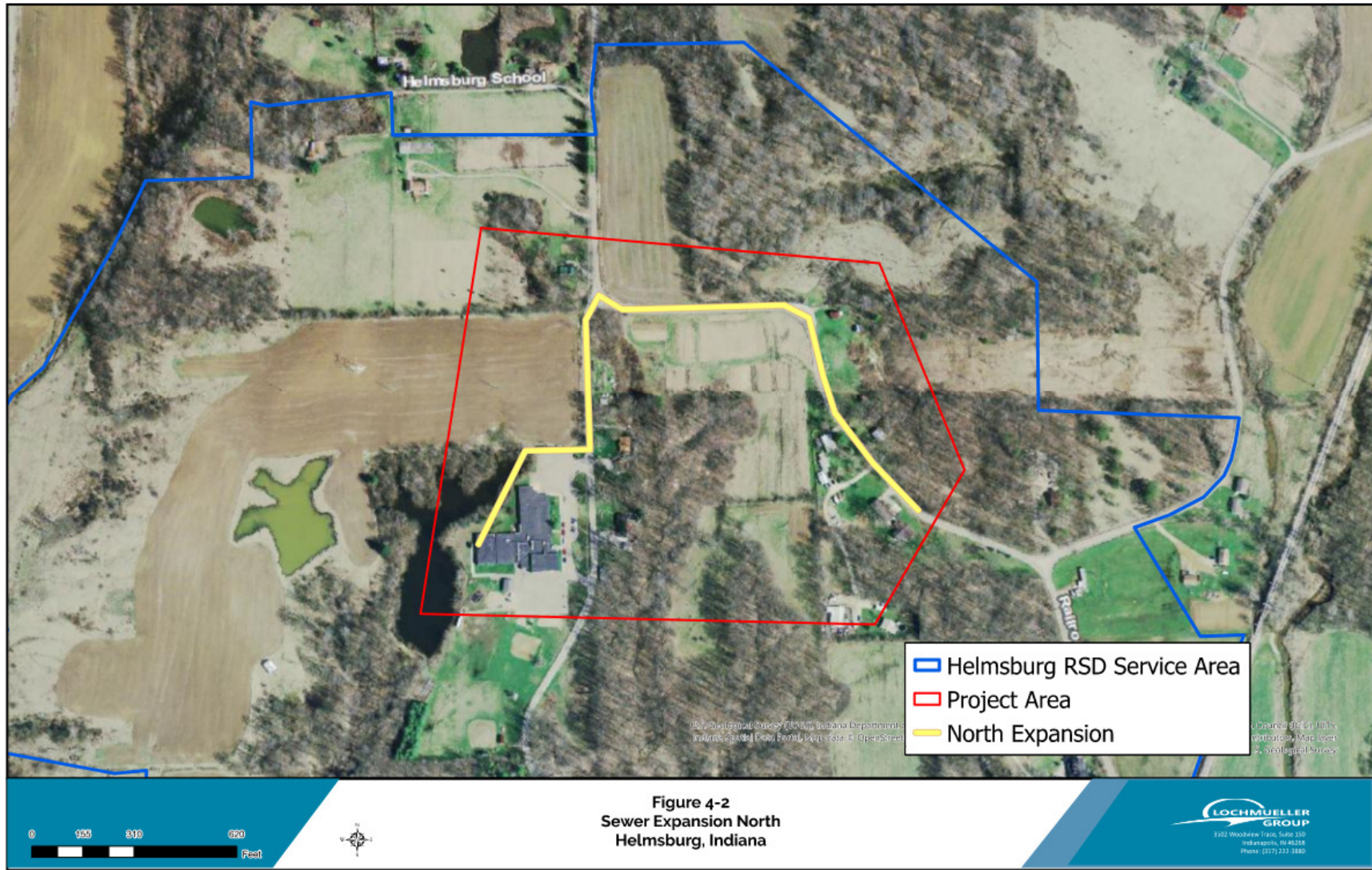
1. No Action
2. Sewer Extension North & Collection System Improvements
3. Sewer Extension South & Collection System Improvements
4. Complete Sewer Extension & Collection System Improvements

- The **Part 2** component consists of 4 alternatives to address the WWTP improvements. The alternatives evaluated are:

1. No Action
2. WWTP Expansion
  1. New Sequencing Batch Reactor (SBR) WWTP
  2. New AeroMod Extended Aeration WWTP
  3. New Integrated Fixed Film Activated Sludge (IFAS) WWTP

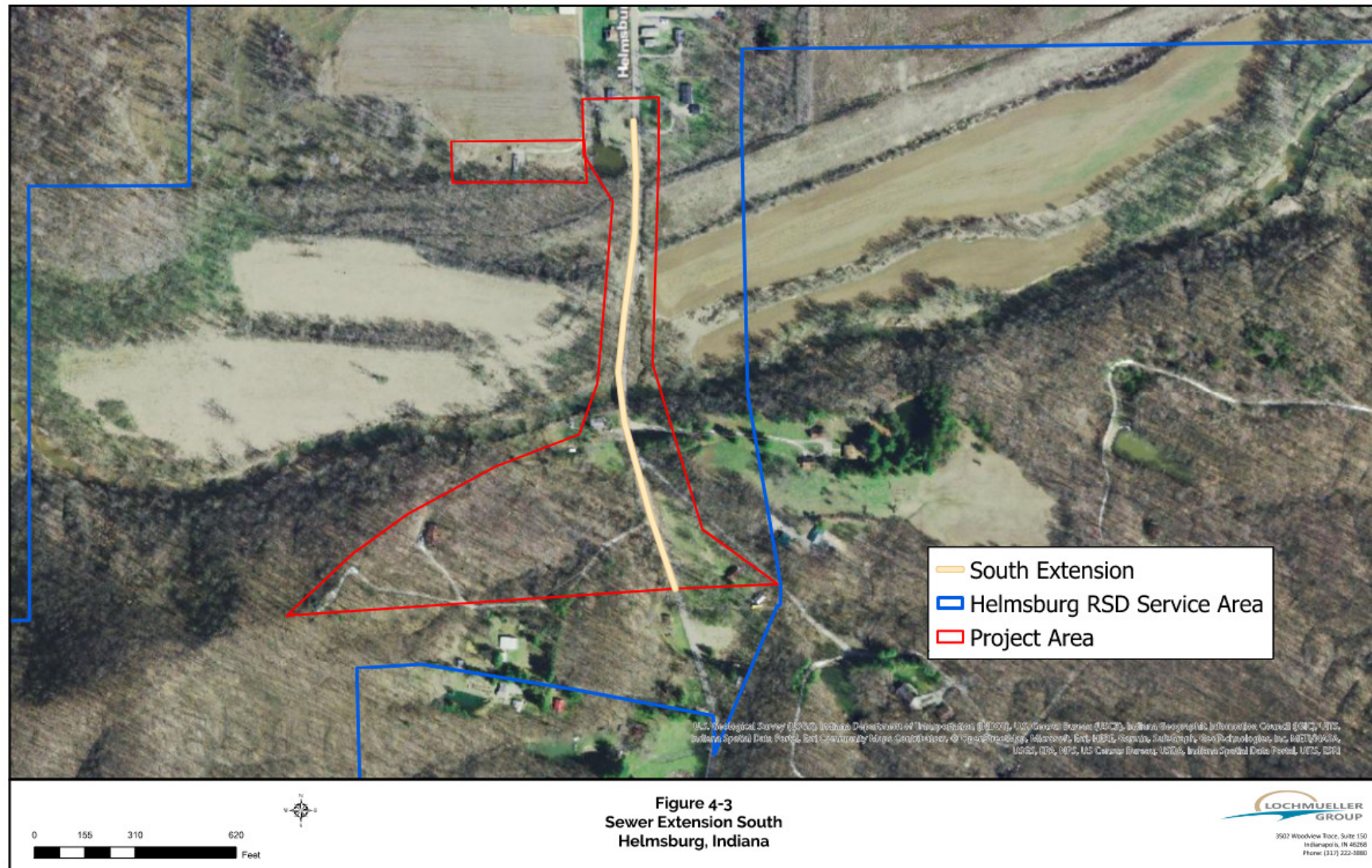


# North Sewer Expansion





# South Sewer Expansion



# Sequencing Batch Reactor (SBR)

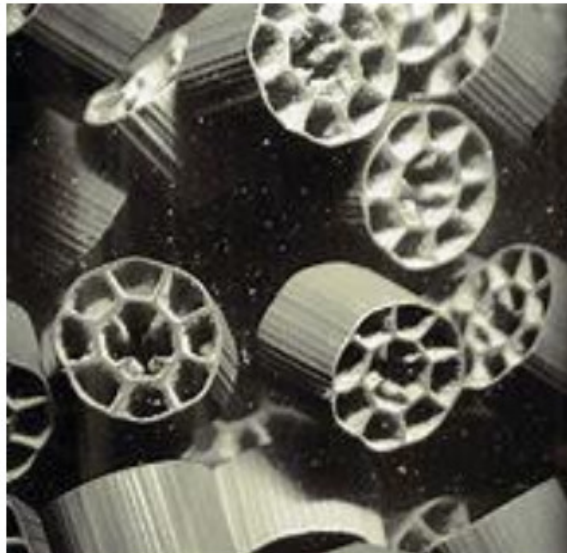
Equipment	Advantages	Disadvantages
Sequencing Batch Reactor	<ul style="list-style-type: none"><li>• Handles fluctuations in flow and loading</li><li>• Modular design easily allows for growth</li><li>• Biological treatment, settling, and decanting happen in one unit</li></ul>	<ul style="list-style-type: none"><li>• Design for the Helmsburg WWTP is not able to be incorporated into the design of the larger facility</li></ul>





# Treatment Types

Equipment	Advantages	Disadvantages
Integrated Fixed-Film Activated Sludge	<ul style="list-style-type: none"><li>• Maximizes capacity while minimizing footprint</li><li>• Can handle loading &amp; temperature fluctuations</li></ul>	<ul style="list-style-type: none"><li>• Typically geared towards retrofitting existing plants</li><li>• No existing systems in Indiana</li><li>• Media can cause maintenance issues downstream if it passes through the containment structures</li><li>• Design for the Helmsburg WWTP is not able to be incorporated into the design of the larger facility</li><li>• Operator training necessary</li></ul>





# Treatment Types

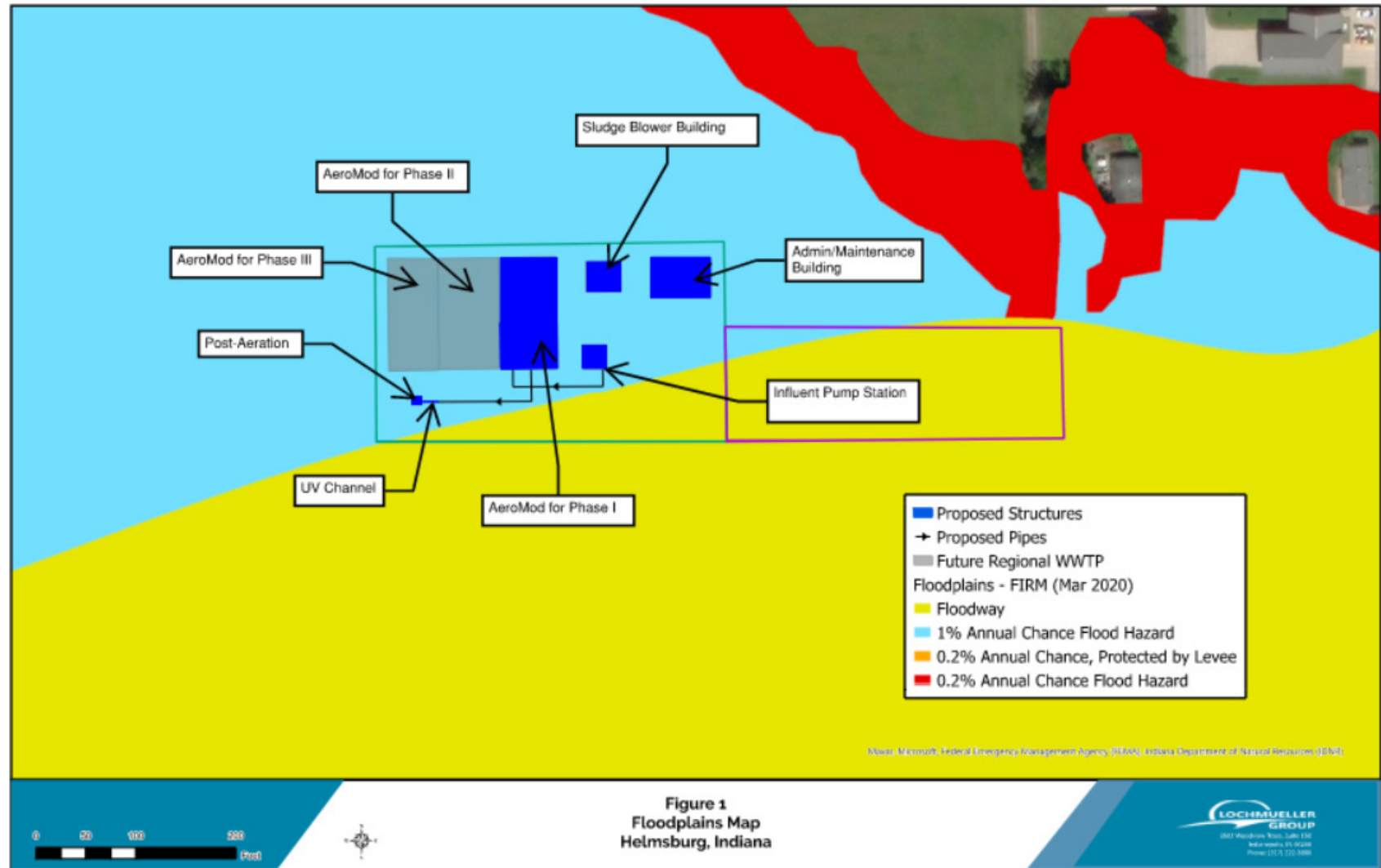
Equipment	Advantages	Disadvantages
Aero-Mod	<ul style="list-style-type: none"><li>• Design easily allows for growth</li><li>• Ability to achieve stringent limits</li><li>• Controls available for ease of operation</li><li>• All moving parts can be serviced outside the tanks</li><li>• Design for the Helmsburg WWTP can be incorporated into the design of the larger facility.</li></ul>	<ul style="list-style-type: none"><li>• Increased volume of WAS pumping required</li><li>• Higher oxygen demand than SBR</li></ul>



# Recommended Alternative

- Complete Sewer Extension & Collection System Improvements
- Construct New AeroMod Extended Aeration WWTP
- Easiest to expand, HRSD operator is most familiar with this technology, least construction cost

# Recommended Alternative

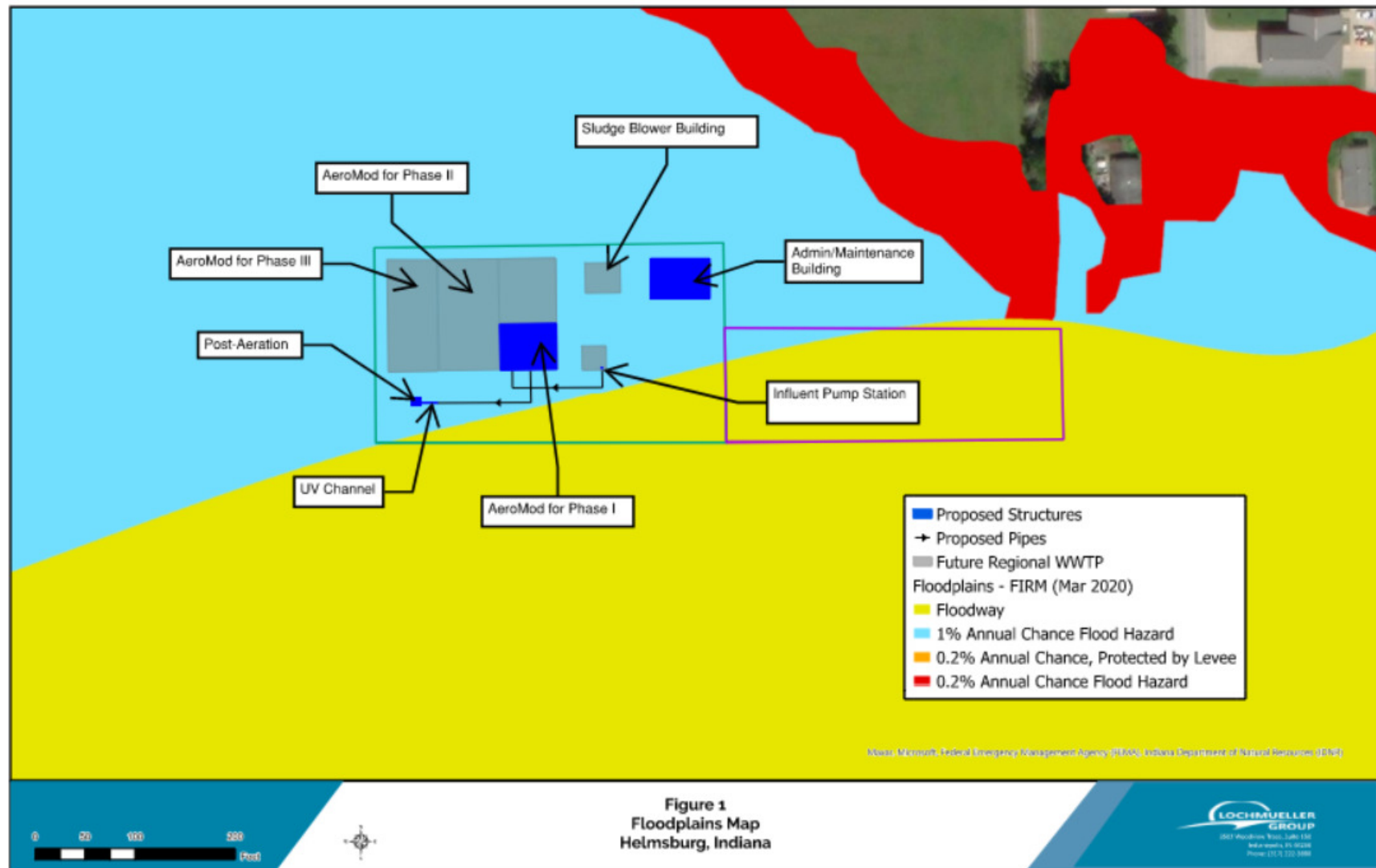


# Engineers Preliminary Opinion of Probable Project Cost

Item	Description	Cost
1	SITEWORK	\$140,000
2	CONCRETE	\$2,157,600
3	METALS	\$65,100
4	INSTRUMENTATION AND CONTROL	\$140,000
5	ELECTRICAL	\$280,000
6	EARTHWORK	\$367,500
7	WASTEWATER EQUIPMENT	\$3,172,800
8	EXTERIOR IMPROVEMENTS	\$697,100
9	SEWER EXTENSION NORTH	\$385,000
10	SEWER EXTENSION SOUTH	\$398,000
11	COLLECTION SYSTEM IMPROVEMENTS	\$184,000
	Mobilization-Demobilization - 5%	\$400,000
	Sub-Total Cost	\$8,388,000
	Contingency - 10%	\$838,800
	Total Construction Cost	\$9,227,000
	Legal/Bond/Financial	\$184,540
	Preliminary Engineering Report	\$35,000
	Engineering (Environmental, Design, Permitting and Bidding)	\$1,660,860
	Survey and Geo-Tech	\$138,405
	Construction Admin	\$150,000
	Resident Inspection	\$178,500
	Labor Standards	\$0
	Land Acquisition	\$90,000
	AMP	\$20,000
	Non-Construction Cost	\$2,458,000
	Total Project Cost	\$11,685,000



# Recommended Alternative



# Engineers Preliminary Opinion of Probable Project Cost

Item	Description	Cost
1	SITEWORK	\$140,000
2	CONCRETE	\$932,400
3	METALS	\$47,600
4	INSTRUMENTATION AND CONTROL	\$210,000
5	ELECTRICAL	\$350,000
6	EARTHWORK	\$212,100
7	EXTERIOR IMPROVEMENT	\$975,800
8	WASTEWATER EQUIPMENT	\$1,417,500
9	SEWER EXTENSION NORTH	\$385,000
10	SEWER EXTENSION SOUTH	\$398,000
11	COLLECTION SYSTEM IMPROVEMENTS	\$184,000
	Mobilization-Demobilization - 5%	\$264,000
	Sub-Total Cost	\$5,517,000
	Contingency - 10%	\$551,700
	Total Construction Cost	\$6,070,000
	Legal/Bond/Financial	\$121,400
	Preliminary Engineering Report	\$35,000
	Engineering (Environmental, Design, Permitting and Bidding)	\$1,092,600
	Survey and Geo-Tech	\$91,050
	Construction Admin	\$150,000
	Resident Inspection	\$178,500
	Land Acquisition	\$90,000
	AMP	\$20,000
	Non-Construction Cost	\$1,780,000
	Total Project Cost	\$7,850,000

# WWTP Expansion Project Schedule

Date	Activity
April 2023	Submit PER to SRF
July 8, 2023	Hold SRF Public Hearing
July 2023	Receive PER Approval or Letter from SRF
August 2023	Notice to Proceed with Design
January 2024	Submit Final Engineering Drawings & Specifications
April 2024	Receive Permits
May 1, 2024	Bidding
May 18, 2024	Due Diligence to SRF
May 25, 2024	Legal Documents to SRF
May 25, 2024	Land and Permits Secured
May 25, 2024	Closing Documents to SRF
June 17, 2024	Pre-closing
June 31, 2024	Closing
July 30, 2024	Release of Funds by SRF
August 30, 2024	Begin Construction
February 28, 2026	Complete Construction
March 31, 2026	Project Closeout

# Conclusion

- PER Copies available at
  - Lake Lemon Conservancy District Office
  - Helmsburg General Store
  - Brown County Health Department
  - Brown County Library
- 5-day Comment Period (until July 14th)
- Written Questions shall be directed to the following address:

Helmsburg Regional Sewer District  
PO Box #147  
Helmsburg, IN 47435  
Email: [helmsburgrsd@gmail.com](mailto:helmsburgrsd@gmail.com)



# REEDY FINANCIAL GROUP

Rate Consultant for both HRSD and BCRSD that completed a Preliminary Rate Analysis for both utilities



KATELYN SHAFER,  
MS ACC

MANAGER –  
COMPREHENSIVE  
UTILITY CONSULTING

REEDY FINANCIAL GROUP P.C.

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8 years with Reedy Group

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25 Wastewater Collection and  
Treatment Projects

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Projects of Note:

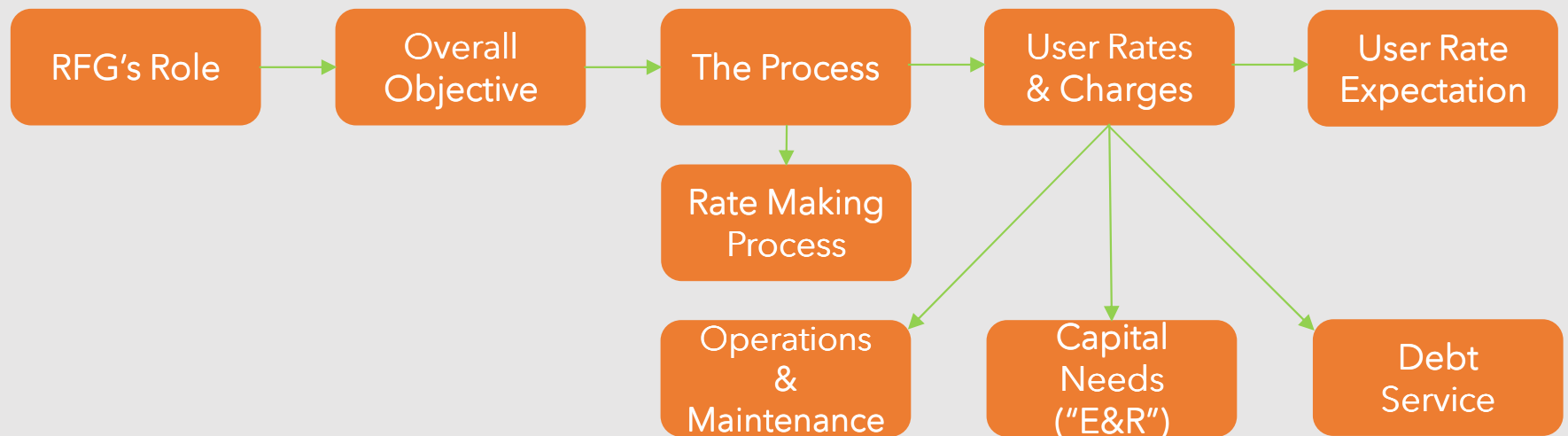
City of Kokomo

South Dearborn RSD

Town of Whitestown

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# TOPICS OF DISCUSSION



# RFG'S ROLE

Rate consultant and  
municipal advisor on  
behalf of both sewer  
districts / project as a  
whole

Calculate rates  
based on  
engineering  
estimates/PER

Sizes Financing,  
prepares offering  
documents and  
Financial Due  
Diligence

Advise sewer  
districts on rate  
structure and  
implementation



# OVERALL FINANCIAL OBJECTIVE

This group's overall objective is to work amongst all professionals engaged by both sewer districts, as well as state agencies and state officials to provide a necessary service that doesn't cause an unreasonable rate burden.

Although there is no assurance that funding will be available, that determination can't be provided until all the necessary steps have been taken.

# THE PROCESS

Community submits project documents ✓

PPL Announced/PER Approved ✓

Bid Review Complete

Rates Finalized and Approved

Financial Due Diligence Submitted

Loan Closing

Project is constructed and loan drawn down

Post Loan Monitoring

# THE RATE- MAKING PROCESS

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## Step One

Preliminary rate & financing report is completed based on engineering estimates and submitted to state agencies.

Note: These rates and charges are not final.

The sole purpose of the preliminary documentation is to allow state agencies to understand the project, the impact it will have on potential ratepayers and to what extent their involvement will be required.

Responses released:

SRF - July 5, 2023

USDA – October 1, 2023

# THE RATE- MAKING PROCESS

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## Step Two

Once state agencies have released information, negotiations amongst all parties begin. The result of these negotiations will provide parameters for bond sizing.

SRF will publish their Project Priority List (“PPL”).

USDA will provide their Letter of Conditions.



# THE RATE- MAKING PROCESS

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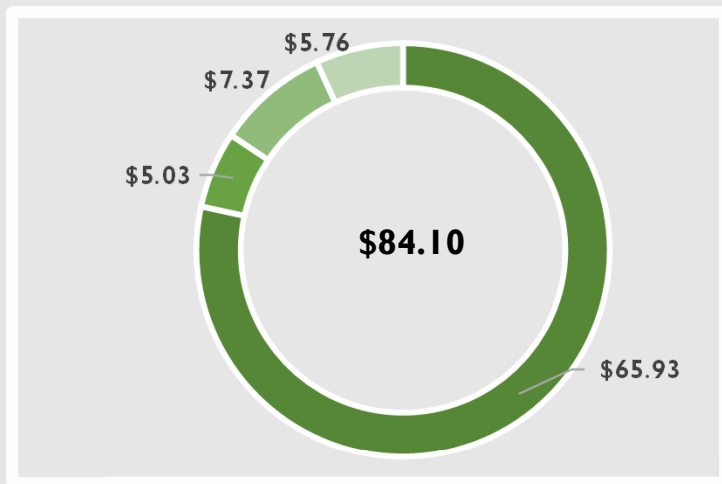
## Step Three

Rates are finalized according to state agency parameters, bond sizing, estimated customer hookups and bid tabulations.

Rates are introduced in a public meeting through means of rate ordinance.

Rates are approved in a public hearing.

# PROPOSED RATES & CHARGES



- Operation & maintenance expenses
- Max Debt service
- Extensions and replacements
- Working Capital

\*This illustration should serve as an example only. This illustration is not applicable to either District's user charge.

## User Charge Funds:

- Operations & Maintenance Expense
  - Day-to-day needs to operate and maintain exceptional service to rate payers
- Extensions & Replacements
  - Funding mechanism for future capital needs
- Debt Service
  - Bonded project costs
- Debt Service Reserve
  - Requirement held by lending agencies
- Working Capital
  - Cash Reserves

# RATES & CHARGES – OPERATIONS & MAINTENANCE

Day-to-day funding needs, serves as a budget

## HELMSBURG

### REGIONAL SEWER DISTRICT

- Personnel & Benefits
  - I Full-time Operator
  - I Part-time Administrative assistant
- Treatment Costs
  - Electricity
  - Sludge Removal
  - Chemicals
  - Testing
- Insurance – General Liability
- Contractual Services
  - Accounting – Billing, Payroll, Financial transactions
  - Other - Software

## BROWN COUNTY

### REGIONAL SEWER DISTRICT

- Wholesale treatment costs
  - All HRSD expenses, except for Collections specific, are allocable to all users (BCRSD and HRSD) and included in a wholesale rate
  - Dependent on HRSD's passthrough (the higher the grant award, the less passthrough to all users)
- Purchased Electric/Fuel for Power
  - Municipal Level Lift stations
  - Standby Generator
  - Transfer pump
- Insurance – General Liability
- Contractual Services
  - Accounting, Engineering, Legal, Other

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# RATES & CHARGES – EXTENSIONS & REPLACEMENTS

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Capital plan to proactively attend to district assets

## HELMSBURG

### REGIONAL SEWER DISTRICT

Annual capital plan:

- Positive Displacement Blower
- AeroMod Tanks
- Grinder Pumps

## BROWN COUNTY

### REGIONAL SEWER DISTRICT

Annual capital plan:

- Lift Station Pump Maintenance & Replacement
- Grinder Pump Maintenance & Replacement
- Line Replacement Plan



# RATES & CHARGES – DEBT SERVICE

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## HELMSBURG

### REGIONAL SEWER DISTRICT

#### Treatment Facility

- Project Costs - \$11,685,000
  - Proposed to be funded partially by USDA over a 40-year term and partially by SRF over a 20-year term

## BROWN COUNTY

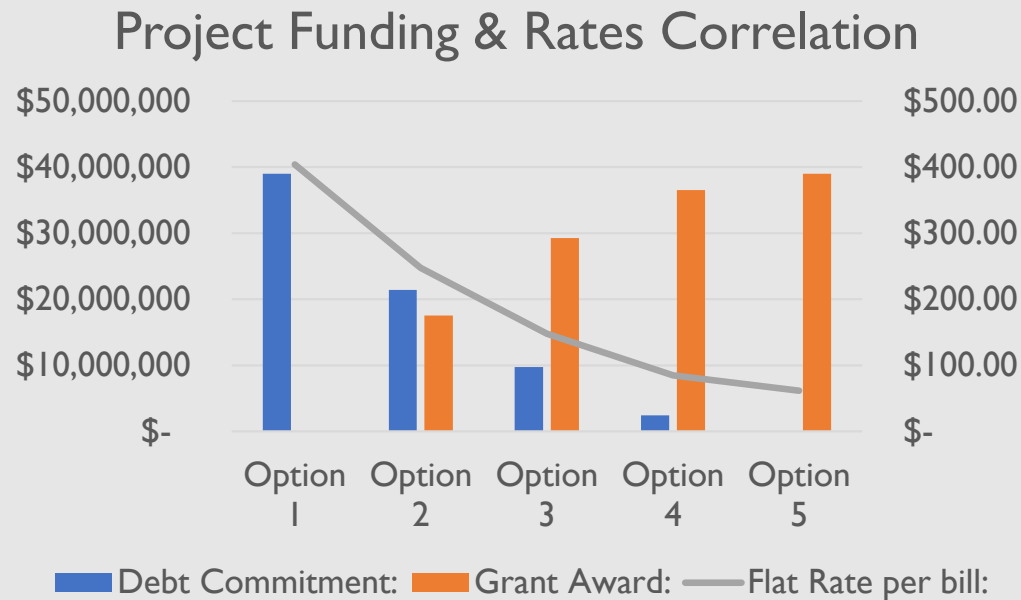
### REGIONAL SEWER DISTRICT

#### Collections System

- Project Costs - \$39,000,000
  - Proposed to be funded partially by USDA over a 40-year term and partially by SRF over a 35-year term

Debt Service Reserve – USDA funded over 10 years; SRF funded over 5 years

# RATES & CHARGES – USER RATE EXPECTATIONS



\*This illustration should serve as an example only. This illustration is not applicable to either District's user charge.

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# RATES & CHARGES – USER RATE EXPECTATIONS

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## Other Charges:

- Tap/Connection Fees – designed to recover partial or full cost of connecting a customer
- System development charges (“SDCs”) – designed to be a funding source for capital projects
  - Development fees, impact fees, capital recovery fees
  - Costs associated due to growth, shift to new customers and away from existing customers
  - This allows customers to consistently pay for their service and not the service of large developers
- Other Growth-Related Charges

# BOSE, MCKINNEY & EVANS LLP

Bose McKinney & Evans LLP

Legal Council for BCRSD

Bond Council





**CHRIS JANAK,  
PARTNER, BOSE  
MCKINNEY &  
EVANS, LLP**

**CHAIR OF UTILITIES  
AND MUNICIPAL  
PRACTICE GROUPS**

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31 years Experience

29 years with Bose, McKinney & Evans, LLP

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Represent 15-20 Regional Districts in Jackson, Scott, Jasper, Newton, Madison, Jennings, Hendricks, Allen, Harrison, Hamilton, Orange, Dubois, Crawford, Perry, Warrick, Pike, Daviess, Spencer, Decatur and Wayne Counties

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Projects of Note:

Represented start-up regional districts such as Jasper Regional Water & Sewer District , Newton Co. Regional Water & Sewer District, Northwest Jasper Regional District Hamilton Co. Regional Utility District

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# LEGAL ISSUES

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- I. BROWN COUNTY REGIONAL SEWER DISTRICT
  - A. MUNICIPAL CORPORATION AND POLITICAL SUBDIVISION OF THE STATE of INDIANA
  - B. CREATED & REGULATED BY THE INDIANA DEPT. of ENVIRONMENTAL MANAGEMENT
  - C. NONPROFIT
  - D. SERVICE TERRITORY
- II. PROPOSED PROJECTS
  - A. FINANCING, INCLUDING LOW INTEREST LOANS, STATE AND FEDERAL GRANTS
  - B. EASEMENTS AND LAND RIGHTS
  - C. CONNECTION TO NEW FACILITIES

# SUBMITTED QUESTIONS

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I. HAVE WE QUESTIONED THE RESIDENTS OF WOODLAND LAKE ABOUT THEIR SUPPORT OF THIS PROJECT?

Answer:

# PUBLIC QUESTIONS AND COMMENTS

## WHEN GIVEN THE MICROPHONE - PLEASE

- IDENTIFY YOURSELF & GIVE YOUR PROPERTY ADDRESS
  - QUESTIONS/COMMENTS ARE LIMITED TO TWO PER PERSON or 2 MINUTES
  - WRITTEN QUESTIONS MAY BE SUBMITTED UNTIL END OF BUSINESS, 5:00 PM FRIDAY JULY 14, 2023 AT THE ADDRESSES BELOW
  - ALL QUESTIONS/COMMENTS AND WRITTEN RESPONSES RECEIVED AT THE PUBLIC MEETING OR BY THE JULY 14 DEADLINE WILL BE RECORDED AND/OR TRANSCRIBED FOR INCLUSION IN THE FINAL PER. THESE WILL ALSO BE POSTED ON BCRSD'S WEBSITE
- 
- BCRSD Treasurer
  - P.O. Box 1881, Nashville, IN 47448
  - email to [browncountyrds@gmail.com](mailto:browncountyrds@gmail.com)
- 
- Helmsburg RSD
  - P.O. Box 147, Helmsburg, IN 47435
  - email to [helmsburgrsd@gmail.com](mailto:helmsburgrsd@gmail.com)