

**FINAL
INTENDED USE PLAN**
Including the
**2010 PROJECT PRIORITY LIST, the
SUPPLEMENTAL PROJECT PRIORITY LIST, and the
ECONOMIC RECOVERY FUND PROJECT PRIORITY LIST**

**FOR THE
CLEAN WATER
STATE REVOLVING FUND**

**For
State Fiscal Year 2010 and the
American Recovery and Reinvestment Act of 2009**

COMMONWEALTH OF KENTUCKY



*PREPARED BY THE
ENERGY AND ENVIRONMENT CABINET
&
KENTUCKY INFRASTRUCTURE AUTHORITY*

TABLE OF CONTENTS

Introduction.....	1
Clean Water State Revolving Fund Goals	3
Criteria for Project Selection	5
Fund Administration and Operation.....	6
Assurances and Specific Certifications	10
Funds Available To Be Committed And Disbursed For SFY 2010	11
Public Participation.....	12
Appendix A – Economic Recovery Funds.....	13
Appendix B – Economic Recovery Funds – Project Consideration Form	19
Appendix C – Economic Recovery Fund Priority List.....	22
Appendix D - Comprehensive Project Priority List.....	24
Appendix E – Call for Projects letter.....	168
Appendix F – Integrated Project Priority Ranking System (IPPRS)	171
Appendix G – CWSRF Project Definitions and Examples for Green Infrastructure Reserve	179
Appendix H – Public Notices and Summary of Comments	183

LIST OF TABLES

Table A: Kentucky CWSRF Sources and Uses of Funds For SFY 2010	11
--	----

INTRODUCTION

Kentucky's Intended Use Plan (IUP) for the Clean Water State Revolving Fund (CWSRF) is prepared in accordance with the provisions of the Clean Water Act (CWA). The purpose of this IUP is to communicate Kentucky's CWSRF plan for the 2010 state funding cycle and the American Recovery and Reinvestment Act of 2009 to potential borrowers of the fund, the public, EPA and other state agencies. This IUP also includes the project selection and ranking system.

Kentucky and the nation are faced with unusual economic conditions. As a result of Economic Recovery efforts by President Obama and Congress to stimulate the economy and maintain and create jobs, additional funding for sewer projects will be available for Kentuckians through the CWSRF. To position Kentucky to receive additional funds through the American Recovery and Reinvestment Act of 2009, some changes are being made to Kentucky's Intended Use Plan process for the 2010 funding cycle.

- The 2010 IUP will be released earlier than normal to coincide with the signing of the American Recovery and Reinvestment Act of 2009 (ARRA).
- The 2010 IUP will contain an additional appendix which will outline the anticipated process for the application and award of Economic Recovery Funds (ERF) loans and the terms of financing.
- The 2010 funding cycle will begin earlier, with the passage of the ARRA, and run through June 30, 2010.
- In addition to the ranked list of projects created from the annual CWSRF Call for Projects, the 2010 IUP will also contain a supplemental list of projects pulled from the Water Resource Information System (WRIS) as of February 13, 2009 that will be considered ranked with zero points.
- The 2010 IUP will have an additional Priority List for ERF projects only.
- To be considered for ERF Funding, communities **MUST submit a CWSRF Project Questionnaire Form AND an ERF Project Consideration Form to the Division of Water by Close of Business February 27, 2009. If you submitted a Project Questionnaire during the 2010 Call for Projects, you only have to submit the ERF Project Consideration Form.**
- **The ERF Priority List, anticipated to be published March 4, 2009, was published May 1, 2009.**
- The 2009 IUP, which was slated to be in effect from July 1, 2008 to June 30, 2009, will continue to remain in effect and will run concurrently with the 2010 IUP from the passage of the ARRA through June 30, 2009.

An annual Intended Use Plan is required by Title VI of the CWA, which identifies how the funds available to Kentucky's CWSRF will be used during each state fiscal year (SFY) to support the goals of the CWSRF. This 2010 IUP includes:

1. A description of the short and long term goals of the fund;
2. The criteria and methods established for selecting projects;
3. Administration and operation policies of the fund;
4. Assurances and specific certifications for meeting certain requirements of the Capitalization Grant Agreement;
5. The public participation process;
6. The sources of available funds and the uses of those funds; and
7. The project priority list---a list of eligible projects and activities whose sponsors expressed interest in low interest rate loans from the CWSRF.
8. **An appendix which will outline the anticipated process for the application and award of ERF loans and the terms of financing.**

What is the Clean Water State Revolving Fund?

Title VI of the CWA authorized the Environmental Protection Agency (EPA) to make capitalization grants to each state to establish a water pollution control revolving fund to provide financial assistance for constructing publicly owned treatment works, implementing watershed management plans under section 319 of the CWA, and developing and implementing a conservation and management plan under section 320 of the CWA. A state match is required to be deposited into the CWSRF in an amount equal to at least 20 percent of the total federal capitalization grant. The general intent of Title VI of the CWA is to ensure that each state's fund is designed and operated to continue providing financial assistance for water pollution control activities in perpetuity.

The Kentucky General Assembly enacted House Bill 217 during the 1988 legislative session, which established a Clean Water State Revolving Fund, the "Federally Assisted Wastewater Revolving Fund," as an enduring and viable fund. This fund is intended to allow Kentucky to qualify for the federal CWSRF capitalization grants. The fund is administered by the Kentucky Infrastructure Authority (KIA) while Division of Water (DOW) staff performs the environmental and technical reviews on projects seeking assistance from the CWSRF.

Kentucky's CWSRF financing program provides low interest loans for infrastructure projects that promote the goals of the CWA. Projects identified to receive funding are selected from the ranked group of questionnaires received during the annual Call for Projects. Since its inception in 1988, Kentucky's CWSRF has committed funds to over 175 clean water infrastructure projects, totaling more than \$736 million.

Structure of the CWSRF Program in Kentucky

The Kentucky Infrastructure Authority (KIA) and the Kentucky Energy and Environment Cabinet (EEC) through the Division of Water (DOW) jointly administer the program via a Memorandum of Agreement in accordance with Kentucky Revised Statute (KRS) 224A.111 and Kentucky Administrative Regulation (KAR) 200 KAR 17:050¹.

The following contacts can assist you with your CWSRF inquiries:

Contact	Agency	Subject
Sandy Williams (502)573-0260 Sandy.williams@ky.gov	KIA	Loan Application, Financial Terms, Rates
Anshu Singh (502)564-3410 anshu.singh@ky.gov	DOW	Project Questionnaire, Priority List, Environmental Review, Regional Facility Plans
Lola Lyle (502)564-3410 Lola.lyle@ky.gov	DOW	Loan Application, Procurement, Bidding Requirements
Greg Goode (502)564-3410 Greg.goode@ky.gov	DOW	Plans and Specifications
Shafiq Amawi, Water Infrastructure Branch Mgr. (502)564-3410 Shafiq.amawi@ky.gov	DOW	General Information

CLEAN WATER STATE REVOLVING FUND GOALS

American Recovery and Reinvestment Bill of 2009

On February 17, 2009, President Obama signed the American Recovery and Reinvestment Act of 2009. This package is designed to create and maintain 3 to 4 million jobs, jumpstart the economy and provide funding for carefully targeted priority investments with accountability measures built in. The Act provides \$4 billion in CWSRF funding nationwide and approximately \$50 million to Kentucky.

Because of the urgency for results, funding priority will be given to wastewater projects that will be ready to proceed to construction by June 17, 2009. Any remaining funding not committed by June 17, 2009 will give funding priority to wastewater projects based on readiness to proceed, with consideration given to job creation, economic hardship and environmental benefits. All projects **MUST** have a signed construction contract or a construction start date prior to February 16, 2010.

A project must be on the Economic Recovery Fund (ERF) Priority List to be eligible to receive ERF funding. **Communities with ready to go projects that are on the 2010 Priority List who wish to be considered for economic stimulus funds MUST submit an ERF Request for Consideration form to the Division of Water by Close of Business February 27, 2009. If your project is NOT on the 2010 Priority List, you MUST submit a Project Questionnaire with all required materials AND an ERF Request for Consideration form to the Division of Water by February 27, 2009.**

¹ KRS Ch 224A.111 and 200 KAR 17:050 may be found on the Internet from the KY Legislature Home Page address: <http://lrc.ky.gov/home.htm>.

The Sustainable Infrastructure Initiative

The combination of aging water and wastewater infrastructure, growing population, and declining research and development investments in the area of water pollution abatement is forcing EPA, states and local governments to explore innovative methods for funding future water and wastewater capital projects. Based on the 2004 Clean Water Needs Survey, the United States needs more than \$202 billion to meet its wastewater needs over the next 20 years; Kentucky's documented share is about \$2.8 billion.

EPA collaborated with external stakeholders and developed the Sustainable Infrastructure (SI) Initiative with a goal to reduce the funding gap between projected investment needs and current spending levels at the federal and local levels so the public can continue to enjoy safe drinking water and adequate sanitary service.

Another goal for the SI Initiative is to help change the way people view, value, manage, and invest in water and wastewater infrastructure. EPA is in the process of training state personnel to promote sustainable infrastructure through a four focused area approach:

- Better Management of Water and Wastewater Utilities
- Rate Structures that reflect the Actual Cost of Service
- Efficient Water Use
- Watershed Approach to Planning and Permitting

For more information, see EPA's Sustainable Infrastructure for Water and Wastewater website <http://www.epa.gov/waterinfrastructure/index.html>.

Short-Term Goals

1. Promote the goals of the American Recovery and Reinvestment Act of 2009 to loan recipients that have projects ready to proceed to construction by February 16, 2010.
2. Promote the principles of EPA's Sustainable Infrastructure Initiative to loan recipients so CWSRF borrowers will consider SI Initiatives in their planning, design, and construction activities.
3. Implement an Integrated Project Priority Ranking System to prioritize water pollution control projects and activities according to specific criteria aimed at correcting the state's highest priority water quality problems.
4. Maintain an acceptable pace at which available funds are loaned. The best way to ensure the perpetuity of the fund is to revolve the available funds more quickly. KIA and DOW staff will promote the fund to potential loan candidates.
5. Expand the use of the fund by soliciting nonpoint source projects to address some of the state's high-priority water quality problems, such as nutrient impairments caused by agricultural runoff.

6. Provide the environmental benefits of CWSRF-funded projects by updating the online CWSRF Benefits Reporting System.
7. Establish criteria to fund Section 319 Projects and commit funds to a Section 319 Project.

Long-Term Goals

1. Maintain a self-sustaining revolving loan program that will contribute to improving and protecting water quality and public health.
2. Assist publicly owned treatment works in maintaining compliance with their discharge permit limits.
3. Continue to assess the project selection and ranking criteria to determine whether revisions are needed to address the state's current high-priority water quality problems.
4. Ensure technical compliance of each project through adequate and effective planning, design and construction management.
5. Ensure that accounting procedures conform to generally accepted governmental accounting standards.

CRITERIA FOR PROJECT SELECTION

The project selection process for ERF projects will be further described in Appendix A.

The CWSRF was established to fund projects and activities whose primary goal is the protection of water quality. In 1996, EPA issued the funding framework, which encouraged all states that fund both point and nonpoint source projects to integrate their planning and priority ranking systems, so that CWSRF funds can most effectively target the nation's highest water quality problems. Following the EPA's recommendation, Kentucky developed the Kentucky Integrated Project Priority Ranking System (IPPRS) in Appendix F, designed to equally evaluate publicly owned treatment works, storm water, and nonpoint source projects according to water-quality-based criteria developed by the Kentucky Division of Water.

In October 2008, KIA and DOW invited all eligible borrowers to submit their CWSRF project questionnaires through an open Call for Projects that was distributed to all sewer utilities, area development districts, mayors, county judges executive, and the engineering community. The Call for Projects letter is attached in Appendix E. Only questionnaires submitted through the Call for Projects process were considered for funding and placement on the 2010 Project Priority List. Projects were evaluated and assigned a score based upon the IPPRS priority formula.

The 2010 Project Priority List in Appendix D is self explanatory; however, a brief description of the following fields might prove helpful:

Rank: Rank of project on the comprehensive Project Priority List.

Community: Name of applicant identified on the Project Questionnaire Form or the community the project is associated with.

Project Name: Name of project listed on the Project Questionnaire Form.

Project #: Priority list tracking number for project. Include this number on correspondence about the project before a loan number is assigned by DOW or KIA.

WRIS No.: The Water Resource Information System (WRIS) number is assigned by an Area Water Management Council after a project has received endorsement by a regional planning group. Information housed in the WRIS database includes a geographic information system (GIS), and information on water resources, drinking and wastewater facilities. It is used by different entities, and provides much of the information needed for all aspects of water resource planning.

Loan Amount: Amount of desired SRF loan identified on the Project Questionnaire Form

Score: Total number of points the project received using the IPPRS criteria in Appendix F.

Project Description: Short description of project activities.

The 2011 IUP process will begin in October 2009. The annual Call for Projects will be open during October, November and December 2009, at which time project questionnaires will be accepted for the SFY 2011 funding cycle. The following schedule will apply:

2011 Call for Projects	October 1, 2009 - December 11, 2009
Creation of Project Priority List	January 4, 2010 - March 31, 2010
Public Notice Period for IUP	May 1, 2010 - June 1, 2010
Finalize 2011 IUP and send to EPA	Prior to June 30, 2010

FUND ADMINISTRATION AND OPERATION

A. *Actual Project Funding*

The project funding process for ERF projects is described in Appendix A.

Although developing and maintaining a priority list is required by the CWA, the states are not required to select the highest ranked projects in any given year for funding. However, due to limited funding availability, Kentucky will fund projects based on priority ranking and readiness to proceed.

Those applicants ranking high on the Project Priority List will be notified of their status on the list and be invited to submit a complete loan application package, including all supporting documentation required for consideration for financial assistance from the CWSRF. Applicants will be given 45 days from the date of the request to meet the application deadline. Those applicants that do not submit a loan application, complete with Kentucky e-Clearinghouse comments, by the 45-day deadline will be bypassed and the next eligible project will be invited with 45 days to submit a loan application.

Upon submittal of a complete loan application, the documents will be reviewed and a credit analysis performed. For those qualifying applicants, a loan request will be taken before the KIA Board for financial review and conditional approval. Upon board approval, a conditional binding commitment letter will assure that funding will be dedicated to that project for a period of 12 months provided all of the conditions of the loan are met.

All CWSRF program requirements must be met by the term outlined in the conditional binding commitment letter. A one-time extension of up to six months for approved applicants that experience extenuating circumstances may be granted. Those applicants not approved for an extension are no longer eligible for funding out of the present funding cycle and must re-apply during the next call for projects.

Kentucky's CWSRF does not have a limit on the amount of funds that will be available to any one borrower from a specific capitalization grant. However, limits may be imposed on borrowers that have outstanding loan balances or loan commitments that increase the concentration risk for the total loan portfolio.

Actual project funding amounts may vary from those shown on the Project Priority List due to updated cost estimates and funding received from other sources. Increases to existing loans must be approved prior to the date of initiation of operation.

B. Bypass Process

A high-priority project that is not ready to proceed within the given timeframe will be bypassed. A bypassed project will become ineligible for CWSRF funding in the current funding year and will have to reapply through the annual call for projects process to be re-ranked for future funding cycles.

C. Addition of New Projects

The Project Priority List may be amended during the year to add eligible projects. Major revisions to the IUP require public notice. KIA plans to establish funding criteria for and commit funds to a Section 319 (Non-Point Source) project. Given the escalated timeline for publishing the 2010 IUP, the Section 319 funding criteria have not yet been established. It is KIA's intention to add at least one Section 319 project to the Fundable Priority List during the 2010 funding cycle and reserve \$1 million of available funds to the extent there are sufficient eligible project applications.

D. Emergency Projects

These are projects that do not appear on the Project Priority List and result from unanticipated failures of wastewater infrastructure (treatment and/or collection and conveyance systems) that have a direct adverse effect on public health and the quality of surface and groundwater. The CWSRF may provide financial assistance to emergency projects, subject to projects' eligibility and availability of funds.

E. Refinancing

KIA is generally opposed to refinancing existing CWSRF loans due to the lowered return to the revolving fund over time. However, certain hardship cases may be considered when the following criteria are met:

1. The borrower can prove that the existing rates are causing a financial hardship on users in the system;
2. The burden on the users by virtue of such rates is placing the repayment of the original loan in question;
3. The governmental agency can show significant savings as a result of the refinancing;
4. The governmental agency can identify an environmental problem within its jurisdiction that it is willing to immediately address with the savings achieved through the refinancing; and
5. Projects must meet all the applicable program requirements.

KIA is also willing to accept governmental agency requests that the refinancing of projects be on the priority list provided that such refinancing from CWSRF monies will be assigned low priority and only recommended to the board when no other higher ranking projects are ready for consideration. Refinancing projects will be considered by KIA only when all the following criteria are met:

1. There are sufficient funds available in the CWSRF to meet all other identified project needs for the program year;
2. The applicant can show significant savings as a result of the refinancing;
3. The applicant can identify an environmental problem within their jurisdiction that they are willing to immediately address with the savings achieved through the refinancing; and
4. Projects must meet all the applicable program requirements.

F. Rates and Terms of Loans

1. Interest Rates

The KIA Board must establish interest rates at least annually. Staff intends to present rates for Board consideration at the beginning of the state fiscal year. The rates are based on the prevailing market conditions, availability of funds and funding demand. Staff intends to recommend a standard rate of 3 percent with two non-standard rates at 2 percent and 1 percent to start off the 2010 funding cycle.

The standard rate will apply to all borrowers at or above the 2000 Census State Median Household Income (MHI) of \$33,672. To qualify for the non-standard rate of 2%, a borrower must have a MHI between \$33,672 and \$26,937 (80% of the State MHI) or be considered regional or have a project that will bring or help to bring the system in to compliance with an Agreed Order or Consent Decree. To qualify for the non-standard rate of 1%, a borrower must have a MHI less than \$26,937. Qualifications for rates are subject to 200 KAR 17:050.

Planning and design loans will be made at the standard rate during the planning and design phase of the project. Should the planning and design loan be rolled into a construction loan, the rate on the planning and design loan amount will revert to the rate approved for the construction loan.

2. Repayment Terms

Terms for planning, design and sanitary sewer evaluation study (SSES) loans will not exceed five years. Planning and design loans may be consolidated into a 20-year construction loan, if the construction of the project is funded by the CWSRF. Should the planning and design loan be rolled into a construction loan, the term for the planning and design loan amount will revert to the term approved for the construction loan. Construction loans will have a 20-year repayment term.

Principal and interest payments on each loan will commence no later than one year after initiation of operation of the project for which the loan was made. The recipient of each loan must establish a dedicated source of revenue for the repayment of the loan.

3. Loan Servicing Fees

A loan servicing fee of 0.2 percent on the annual outstanding loan balance will be charged as a part of each semi-annual loan payment in accordance with 200 KAR 17:050, Section 12. The fee is assessed to recover administrative expenses incurred over the life of the loan. These fees are accounted for outside of the program fund and will be used for necessary CWSRF program expenses.

4. Financial Options of the Fund

The CWA provides guidelines under which the CWSRF program is to be operated. However, the specific implementation of those guidelines affects the long-term financial viability of the fund. The following are allowable options within the CWSRF and Kentucky's treatment of each.

- a. Borrower Repayment – The borrower's ability to repay has a direct effect on the amount of funds available. A thorough credit analysis is performed for each borrower. Loan monitoring is performed throughout the life of the loan.
- b. Leveraging – KIA will consider leveraging the fund to increase the dollars available for financial assistance.

F. Fund Transfers Between the CWSRF and the DWSRF

Transfers between the SRF programs are allowed up to a maximum of 33 percent of the total Drinking Water State Revolving Fund (DWSRF) capitalization grants received. KIA reserves the right to transfer the maximum allowable 33 percent of uncommitted repayment funds from the CWSRF to the DWSRF repayment fund as loan demand arises. This decision will be evaluated annually by DOW and KIA. These funds will be distributed using the same criteria and method as described in the governing IUP. Funds not transferred within one fiscal year of receipt of a capitalization grant award shall be reserved for transfer in future years.

While KIA reserves the right to transfer available funds, a transfer is not expected during the 2010 fiscal year.

ASSURANCES AND SPECIFIC CERTIFICATIONS

The state shall provide the assurances and certifications required by EPA as part of the Operating Agreement. This agreement is the official document between Kentucky and the U.S. EPA setting forth legal responsibilities of each. Pursuant to Section 606(c)(4) of the CWA, the State certifies that:

1. The state will enter into binding commitments equal to at least 120 percent of each quarterly grant payment within one year after receipt of the payment;
2. The state will expend all funds in the CWSRF in an expeditious and timely manner;
3. Funds will first be used to assure maintenance of progress toward compliance with enforceable deadlines, goals and requirements of the CWA, including the municipal compliance deadline; and
4. The state will conduct environmental reviews on projects that receive CWSRF assistance.

FUNDS AVAILABLE TO BE COMMITTED AND DISBURSED FOR SFY2010

Kentucky's CWSRF is capitalized by appropriations from the U.S. Congress and the Kentucky General Assembly. The fund provides, in perpetuity, financial assistance to Kentucky's eligible CWSRF projects. During 2010, Kentucky will rely on funding as outlined in Table A to provide financial assistance and to support operations in KIA and DOW.

Table A
Kentucky CWSRF Sources and Uses of Funds for 2010
 February 16, 2009 through June 30, 2010

Funding Sources	Federal Contribution	State Contribution	Other	Total
Uncommitted Prior Year Loan Funds*			-	-
Loan Repayments			\$25,726,589	25,726,589
Leverage Bond Proceeds			100,000,000	100,000,000
Banked Prior Year Administration Funds			1,859,309	1,859,309
Economic Recovery Funds	49,878,100			49,878,100
2010 Capitalization Grant (Estimated)	8,648,100	1,729,620		10,377,720
Transfer to Drinking Water SRF Repayments			-	-
Total Funding Sources	58,526,200	1,729,620	127,585,897	187,841,717
Funding Uses				
Financial Assistance	56,185,152	1,729,620	125,726,589	183,641,360
Banked Prior Year Administration Funds			1,859,309	1,859,309
ERF Administration (4%)	1,995,124			1,995,124
2010 Administration (4%)	345,924			345,924
Total Funding Uses	58,526,200	1,729,620	127,585,897	187,841,717

* As of February 6, 2009.

In SFY 2010, KIA will have approximately \$183,641,360 available to fund eligible CWSRF projects. This is comprised of anticipated repayment funds of \$25,726,589, the estimated ERF Grant of \$47,882,976 (after administrative fees), the estimated 2010 capitalization grant of \$8,302,176 (after administrative fees) *plus* state funds of \$1,729,620 and up to \$100,000,000 from leverage bond proceeds. From the capitalization grants, KIA and DOW will have an additional \$2,341,048 for administration. KIA and DOW will have \$1,859,309 in banked administrative funds from prior capitalization grants for administration of the program. The \$1,729,620 state match will consist of proceeds from the sale of tax-exempt revenue bonds with debt service provided by the commonwealth. KIA will coordinate with the Finance and Administration Cabinet regarding the anticipated sale date of the bonds. The anticipated submission date for submission of the ERF capitalization grant application is February 13, 2009 and the grant was awarded on April 3, 2009. The anticipated submission date for the 2010 capitalization grant application is March 1, 2010. Grant awards are typically made within 90 days.

KIA requested budgetary authorization to issue agency leverage bonds during the 2008-2010 biennium in an amount not to exceed \$200 million. Bond proceeds would be deposited into the fund and would be used to make eligible CWSRF loans. This authorization was granted in the 2008-2010 biennial budget. For this authorization to become effective, KIA must obtain approval from EPA Region 4 to operate a leverage bond SRF program. Next, KIA must acquire approval from the Kentucky Infrastructure Authority Board, the Office of the State Budget Director and the Office of Financial Management in the Finance and Administration Cabinet as to the timing and amount of the leverage bond issuance. KIA anticipates that approximately one-half of the authorization will be used in each state fiscal year.

Additionally, KIA reserves the right to defer the issuance of bonds based on conditions in the financial markets. Unstable market conditions could negatively impact the amount of funds available for loans. It is KIA's intention to maximize the amount of funding available for eligible projects.

PUBLIC PARTICIPATION

The draft 2010 CWSRF IUP including the 2010 project priority list was available for public review and comment from February 20, 2009 through March 18, 2009. The updated Draft 2010 CWSRF IUP including the CWSRF ERF Priority List was available for public review and comment on the Division of Water website at water.ky.gov and on the Kentucky Infrastructure Authority website at kia.ky.gov from May 1, 2009 through May 11, 2009.

The public meeting was held at 1:30 p.m. May 8, 2009, in the board room of KIA. John Covington, Executive Director of KIA, stated the purpose of the meeting and explained to the audience the process for making oral and written comments. Shafiq Amawi, manager of the Water Infrastructure Branch, gave an overview of the draft 2010 CWSRF IUP and the Integrated Project Priority Ranking System. A summary of verbal and written comments received appear in Appendix H.

APPENDIX A
ECONOMIC RECOVERY FUND

INTRODUCTION

American Recovery and Reinvestment Bill of 2009

On February 17, 2009, President Obama signed the American Recovery and Reinvestment Act of 2009. This package is designed to create and maintain 3 to 4 million jobs, jumpstart the economy and provide funding for carefully targeted priority investments with accountability measures built in. The Act provides \$4 billion in CWSRF funding nationwide and approximately \$51 million to Kentucky.

Because of the urgency for results, funding priority will be given to wastewater projects that will be ready to proceed to construction by June 17, 2009. Any remaining funding not committed by June 17, 2009 will give funding priority to wastewater projects based on readiness to proceed, with consideration given to job creation, economic hardship and environmental benefits. All projects **MUST** have a signed construction contract or a construction start date prior to February 16, 2010. Any community that wants to participate in this unique opportunity needs to be prepared.

A project must be on the Economic Recovery Fund (ERF) Priority List to be eligible to receive ERF funding. **Communities with ready to go projects that are on the 2010 Priority List who wish to be considered for economic stimulus funds MUST submit an ERF Request for Consideration form to the Division of Water by Close of Business February 27, 2009. If your project is NOT on the 2010 Priority List, you MUST submit a Project Questionnaire with all required materials AND an ERF Request for Consideration form to the Division of Water by February 27, 2009.**

Because the purpose of the expected federal economic “stimulus” or “recovery” bill is rapid job creation, the Environmental Protection Agency is committed to working with the existing State Revolving Fund structure. KIA is using the 2010 Intended Use Plan process to select eligible projects as soon as possible, so these projects can meet the Federal criteria for timeliness.

Short-Term Goals

1. Promote the goals of the American Recovery and Reinvestment Act of 2009 to loan recipients that have projects ready to start construction no later than February 16, 2010.
2. Give preference to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds for activities that can be initiated by June 2009.
3. Provide for adequate accountability for the fund by making sure that all funded projects comply with the CWA and the ARRA. Post results as required by the Act.
4. Maintain an acceptable pace at which available funds are committed. Ensure that funding is committed only to projects that are ready to initiate construction within the allowable timelines.

5. Provide the environmental benefits of CWSRF-funded projects by updating the online CWSRF Benefits Reporting System as projects are approved by the KIA board.
6. To the extent there are sufficient eligible project applications, commit 20% of the Economic Recovery Funds for projects to address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities.
7. Use at least 50 percent of the ERF capitalization grant to provide additional subsidization to eligible recipients in the form of forgiveness of principal.

Long-Term Goals

1. Maintain the integrity of the fund by monitoring project status. Ensure that repayments to the fund are made on a timely basis.
2. Monitor projects to ensure contributions to water quality protection and public health improvement.
3. Ensure technical compliance of each project through adequate and effective planning, design and construction management.
4. Ensure that accounting procedures conform to generally accepted governmental accounting standards.

ADDITIONAL CRITERIA FOR PROJECT SELECTION

The project selection process for ERF projects will be based off of the selection criteria for all SRF project funds and will have additional requirements. Funding priority will be given to wastewater projects that will be ready to proceed to construction by June 17, 2009. Any remaining funding not committed by June 17, 2009 will give funding priority to wastewater projects based on readiness to proceed, with consideration given to job creation, economic hardship and environmental benefits. All projects **MUST** have a signed construction contract or construction start date prior to February 16, 2010. The purpose of the ERF is to expand the economy and create and maintain jobs.

A project must be on the Economic Recovery Fund (ERF) Priority List to be eligible to receive ERF funding. **Communities with ready to go projects that are on the 2010 Priority List who wish to be considered for economic stimulus funds MUST submit an ERF Request for Consideration form to the Division of Water by Close of Business February 27, 2009. If your project is NOT on the 2010 Priority List, you MUST submit a Project Questionnaire with all required materials AND an ERF Request for Consideration form to the Division of Water by February 27, 2009.**

FUND ADMINISTRATION AND OPERATION

A. Actual Project Funding

All ERF funded projects must be on the ERF Priority List as required by the CWA. For ERF loans, Kentucky will fund projects based on readiness to proceed. The ERF Priority list will be created from a ranked list of projects that have submitted an Economic Recovery Funds Project Consideration Form. Priority will be given to projects that are ready to proceed to construction.

Not less than 20 percent of the ARRA appropriation to the CWSRF shall be designated for green infrastructure, water efficiency improvements or other environmentally innovative projects to the extent there are sufficient eligible project applications. If there are not sufficient green infrastructure projects on the 2010 Priority List, KIA will actively solicit projects that will fit into this definition and these projects will be added to the 2010 ERF Priority List. A list of CWSRF Project Definitions and Examples of Green Infrastructure is included as Appendix G. Some examples of “green” projects could include conservation efforts, inflow and infiltration correction, and stormwater management projects.

In order to make the SRF ERF available to wastewater systems in Kentucky, KIA will offer a new Economic Recovery Funding option under the CWSRF program. You may use existing forms to apply for economic recovery funds.

Rehabilitation, replacement, upgrade, or expansion projects, those most likely eligible for an environmental categorical exclusion (CE); and projects that may have been put on hold due to the recent changes in the public finance market are examples of projects that could most likely move forward quickly. These types of projects are most likely to be able to proceed into construction quickly and therefore provide the intended economic stimulus through the creation of additional jobs. No ERF funds will be used to refinance existing debt obligations of eligible recipients.

Applicants must be ready to enter into assistance agreements and begin construction quickly. Funding priority will be given to wastewater projects that will be ready to proceed to construction by June 17, 2009. Any remaining funding not committed by June 17, 2009 will give funding priority to wastewater projects based on readiness to proceed, with consideration given to job creation, economic hardship and environmental benefits. All projects **MUST** have a signed construction contract or a construction start date prior to February 16, 2010.

Funding will be offered to projects that demonstrate readiness to proceed and submit all required documentation during the ERF application window, which will run from May 1, 2009 to May 22, 2009. Should KIA receive more requests for funding than there are funds available, the SRF ranking will be used as a tie-breaker.

Economic Recovery funds are anticipated to be subject to SRF requirements including federal crosscutters, which include the submission of an environmental information document and compliance with the procurement of small-, minority-, and women-owned business enterprises. Additional requirements are listed in a following section.

Those applicants who have been identified as ready to go will be notified of their status on the list and be invited to submit a complete loan application package, including all supporting documentation required for consideration for financial assistance from the CWSRF. Applicants will be given 21 days from the date of the request to meet the application deadline. Those applicants that do not submit a loan application, complete with Kentucky e-Clearinghouse comments, by May 22, 2009, will be bypassed and the next eligible project will be invited with 20 days to submit a loan application.

Upon submittal of a complete loan application, the documents will be reviewed and a credit analysis performed. For those qualifying applicants, a loan request will be taken before the KIA Board for financial review and conditional approval. Upon board approval, a conditional binding commitment letter will assure that funding will be dedicated to that project through February 2010 provided all of the conditions of the loan are met.

All CWSRF program requirements must be met by the term outlined in the conditional binding commitment letter. Given the shortened time frame for expenditure of funds, no extensions shall be granted. If the project does not meet the February 16, 2010 construction deadline, the KIA loan commitment will be rescinded and EPA will recapture the ERF funds. Recaptured funds will be reallocated to other states.

Kentucky's CWSRF does not have a limit on the amount of funds that will be available to any one borrower from a specific capitalization grant. However, limits may be imposed on borrowers that have outstanding loan balances or loan commitments that increase the concentration risk for the total loan portfolio.

Actual project funding amounts may vary from those shown on the ERF Project Priority List due to updated cost estimates and funding received from other sources. Increases to existing loans must be approved prior to the date of initiation of operation.

B. Additional Subsidization for ERF Funding

- Kentucky will comply with the ARRA provision to provide 50 percent of the amount of its ERF capitalization grant as additional subsidization to eligible recipients in the form of forgiveness of principal. All ERF loan recipients will receive 50% principal forgiveness.
- Principal forgiveness will show up as a credit on the loan amortization schedule.

C. *Additional ERF SRF Requirements*

The ARRA includes requirements that are not currently tied to current SRF funding. Some of these additional requirements are:

1. Fixed Price Contracts – To the maximum extent possible, contracts funded under the Act shall be awarded as fixed-price contracts through the use of competitive procedures.
2. Davis – Bacon Act: requires the use of Federal Wage Rate for all projects.
3. American Iron and Steel: all projects for public buildings or public works (as defined in 41 USC 10c) must use American made iron, steel and manufactured goods unless there is insufficient quantities or quality and/or the overall project cost will increase by more than 25%.
4. Federal, state and local agencies that receive ERF funding must post their project information on Recovery.gov.

These requirements will be updated and published on the KIA website as additional information is received

D. *Bypass Process*

A project that is not ready to proceed within the given timeframe will be bypassed. A bypassed project will become ineligible for ERF CWSRF funding.

E. *Changes / Additions / Deletions*

The processes and procedures outlined in this IUP are based on the actual language of the American Recovery and Reinvestment Act of 2009 as signed into law. However, additional requirements may be added or relaxed as additional guidance is published by the Environmental Protection Agency or other governing institutions. KIA has, to the fullest extent possible, tried to incorporate the most up to date information regarding the provisions of the ARRA.

F. *Loan Servicing Fees*

A loan servicing fee of 0.2 percent on the annual outstanding loan balance will be charged as a part of each semi-annual loan payment in accordance with 200 KAR 17:050, Section 12. The fee is assessed to recover administrative expenses incurred over the life of the loan. These fees are accounted for outside of the program fund and will be used for necessary CWSRF program expenses.

G. *Re-allotment Process*

If additional ERF funds become available due to re-allotments from EPA, Kentucky commits to providing any necessary certification and application amendments needed to secure the funding. Any re-allotted monies received will be used for projects that have a signed construction contract or a construction start date within 120 days of re-allotment from EPA. Eligible projects will be selected from those projects contained in Appendix C.

H. ERF Grant Application and Award

The ERF capitalization grant application was submitted to EPA on February 13, 2009 with the capitalization grant was awarded on April 3, 2009.

APPENDIX B

ECONOMIC RECOVERY FUNDS

PROJECT CONSIDERATION FORM

Economic Recovery Funds (ERF) - Project Consideration Form

This form MUST be completed and returned electronically to the Division of Water (DOW) no later than February 27, 2009 for any applicant to receive Economic Recovery Funds consideration. If the project is not currently ranked on the 2010 priority list, a Project Questionnaire and the additional required materials must be submitted to the DOW by February 27, 2009 to be ranked for ERF consideration. The Division of Water contacts for submittal of the above forms are listed below:

For Drinking Water Projects: **Amanda Yeary** Amanda.yeary@ky.gov
For Wastewater Projects: **Anshu Singh** anshu.singh@ky.gov

Applicant (Must be governmental entity): _____
 County: _____

Project Name: _____

WX / SX Number (required): _____

Priority Ranking Information

Rank from 2010 Intended Use Plan (if applicable) _____ Score _____

Funding Information

Total Project Cost: _____

Requested SRF Amount: _____

If the SRF loan will not fully fund the project, is the remaining funding package complete?
 Yes _____ No _____

If yes, what are the other funding sources and the status of their commitments?

Funding Source	Amount	Status

Green Infrastructure Aspect of Project

If your project includes green infrastructure components (this includes water or energy efficiency improvements or other environmentally innovative activities), please provide the details of the “green” components and what dollar amount of the SRF loan requested, would be to fund these components.

SRF \$ Amount related to “green” component \$ _____

Provide details of “green components”: _____

Ready-to-Proceed Verification

(Please see the below questions and check Yes or No)

	Yes	No
Have Plans and Specifications been approved by DOW?		
Has the project received an E-Clearinghouse endorsement?		
Was the E-Clearinghouse Endorsement Conditional?		
Has the Environmental Review been completed?		
Does the project qualify for a Categorical Exclusion (CE)?		
Have the necessary permits been obtained for construction?		
Have all land acquisitions and easements needed for the project been obtained?		
Does the Project Profile description in WRIS accurately reflect the project?		
Is the system under sanction from any enforcement agency?		
Does the system anticipate a rate increase related to the project's implementation?		

Project Schedule and Milestone Dates

Milestones	For consideration, must be prior to date listed below	Date
Plans & Specifications Submission	4/17/09	
Plans & Specifications Approval	8/1/09	
E-Clearinghouse Submission		
E-Clearinghouse Endorsement		
Environmental Review Completion	8/1/09	
Proposed Bid Advertisement	10/1/09	
Proposed Construction Start	2/16/10	
Proposed Construction End Date	2/16/2012	

Jobs Information

Please provide the anticipated number of jobs retained or created for this project? _____

Please provide contact information for questions relating to this form only:

Contact: _____
 Email: _____
 Telephone: _____

Please execute below acknowledging that the information provided is the most recent available at the time of submission:

Signed: _____
 Name: _____
 Title: _____

APPENDIX C

ECONOMIC RECOVERY FUND PRIORITY LIST

The Economic Recovery Fund Priority List is available via the web at the following address:
www.kia.ky.gov/

APPENDIX D
COMPREHENSIVE PROJECT PRIORITY LIST

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
1	Winchester	Lower Howards Creek Backbone Interceptor/Pump Station/Force Main	2009-002	SX21049023	\$35,700,000	293	SSO Elimination
2	Red River Environmental Authority	Regional WWTP, Collection & Conveyance System in Powell Co.	2008-023	n/a	\$2,000,000	250	WWTP Expansion
3	Louisville MSD	CSO 206 Sewer Separation and Downspout Disconnection Improvements	2007-104	n/a	\$4,158,750	220	CSO Sewer System
4	Louisville MSD	River Road Interceptor Sanitary Sewer Project	2007-099	n/a	\$4,800,000	207	Wastewater Collection
5	Lexington	Blue Sky WWTP Acquisition/Process Upgrade- Supplemental	2009-046	SX21067007	\$1,930,000	206	WWTP elimination
6	Louisville MSD	Harrods Creek Interceptor Sanitary Sewer Project, Phase 2	2007-098	n/a	\$3,000,000	200	Wastewater Collection
7	Louisville MSD	Harrods Creek Sanitary Sewer Pump Station and Force Main	2007-100	n/a	\$6,000,000	200	Wastewater Collection
8	Louisville MSD	Harrods Creek Interceptor Sanitary Sewer Project, Phase 1	2007-101	n/a	\$3,400,000	200	Wastewater Collection
9	Paducah/McCracken JSA	Paducah Wastewater Treatment Plant Expansion, Phase 1	2007-053*	SX21145079	\$1,075,000	195	WWTP Expansion
10	South 641 Water District	Hazel - Wastewater System Rehab	2008-024	SX21035008	\$459,400	195	Sewer System Improvements
11	Lexington	LFUCG Wolf Run Pump Station Relocation and Expansion	2009-053	SX21067014	\$10,500,000	190	SSO elimination
12	Northern Kentucky Sanitation District	Dry Creek WWTP- Final Clarifier Rehabilitation	2009-030	n/a	\$4,473,000	187	WWTP rehabilitation
13	Vanceburg	CSO Renovation	2010-047	n/a	\$1,000,000	182	CSO Correction
14	Lexington	LFUCG East Hickman Pump Station Expansion and Rehabilitation	2009-047	SX21067015	\$15,000,000	180	SSO elimination
15	Prestonsburg	West Prestonsburg Sewer Replacement	2009-042	SX21071222	\$177,000	178	Sewer replacement
16	Prestonsburg	Westminister/Court Street sewer replacement	2009-041	SX21071221	\$254,000	171	Sewer replacement
17	Lexington	Lower Cane Run Pump Station	2010-017	SX21067018	\$6,000,000	170	WWTP elimination
18	Letcher County Sewer District	North Fork/Rockhouse Creek WWTP and Sanitary Sewer Project	2007-031	SX21133100	\$100,000	165	Wastewater Treatment Plant
19	Oldham County Sewer District	Green Valley WWTP Elimination and Connection to LaGrange	2010-037	SX21185028	\$400,000	155	Sewer System Improvements
20	Lexington	Expansion Area 1	2010-015	SX21067017	\$8,600,000	150	WWTP elimination
21	Northern Kentucky Sanitation District	Western Regional Treatment Plant	2007-070*	n/a	\$70,412,554	147	Wastewater Treatment Plant
22	Barlow	Barlow New Sewer Treatment Facility & Collection	2008-002	SX21004011	\$165,000	140	WWTP Replacement
23	Oldham County Sewer District	Buckner Interceptor and Mockingbird Valley WWTP Elimination	2010-011	SX21185017	\$1,500,000	135	WWTP Elimination
24	Ashland	Roberts Drive Pump Station and Forcemain Upgrade	2010-058	n/a	\$4,200,000	135	Sewer System Improvements
25	Ashland	Sixth Street Pump Station and Forcemain Extension	2010-061	n/a	\$1,800,000	135	Sewer System Extension
26	Pineville	Kentucky Avenue Utility Replacement	2009-028	SX21013149	\$1,703,000	126	CSO separation
27	Hardinsburg	Wastewater System Improvements	2008-010	SX21027001	\$500,000	125	Sewer System Improvements
28	Hardinsburg	Breckwood Area Sewers	2007-014	SX21027001	\$476,300	115	Wastewater Collection
29	Hardinsburg	Blancett Lake - Airport Road Sewers	2007-015	SX21027001	\$710,000	115	Wastewater Collection
30	Hardinsburg	Gilbert Heights Sewer Line Extension	2008-011	SX21027008	\$315,000	115	Wastewater Collection
31	Hopkinsville WEA	HWEA SRF Phase VI	2009-017	SX21047015	\$7,459,700	113	Sewer System Improvements
32	Lexington	Expansion Area Three Sanitary Sewer Infrastructure	2009-050	SX21067002	\$5,800,000	110	Sewer line extensions
33	Oldham County Sewer District	I/I Corrections and Lift Station Replacement	2010-036	SX21185029	\$1,000,000	110	Sewer System Improvements

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
34	Campton	West KY 15, Quillins Chapel, North Campton Sewer Line Extension Project	2010-053	SX21237001	\$1,400,000	110	Wastewater Collection
35	Maysville	Combined Sewer Elimination/Washington Area Sewer Improvements	2010-060	SX21161007, SX21161016	\$11,000,000	110	CSO Elimination
36	Sturgis	Sturgis Sewer Rehab	2007-110	SX21225003	\$1,500,000	109	Sewer System Improvements
37	Hardin County Water District #2	East Rhudes Creek Watershed Wastewater Collection & Treatment	2007-004	n/a	\$4,879,000	108	Wastewater Collection
38	Hardin County Water District #2	Rose Run Watershed Wastewater Collection & Treatment	2007-007	n/a	\$3,590,000	108	Wastewater Collection
39	Paintsville	Package Treatment Plants Replacement	2010-048	SX21115017	\$650,000	108	Package WWTP Elimination
40	Stanford	Equalization Basin for the Stanford STP	2007-054	n/a	\$2,460,000	105	Sewer System Improvements
41	Mercer County Sanitation District	City of Burgin Wastewater Collection & Conveyance Facilities	2008-022	SX21167012	\$3,000,000	105	Wastewater Collection
42	Bloomfield	Bloomfield Pump Station & Forcemain to Bardstown	2008-027	SX21179008	\$2,350,000	105	Wastewater Collection
43	Morganfield	Sewer, Water, and Storm Drains Construction	2009-022	SX21225007	\$2,375,000	105	CSO separation
44	Beattyville	Beattyville - Sewer System Rehab	2010-043	SX21129006	\$1,500,000	103	Sewer System Improvements
45	Northern Kentucky Sanitation District	Richwood Sewer Force Main Western Regional Collection System	2007-077	n/a	\$4,620,000	102	Wastewater Collection
46	Northern Kentucky Sanitation District	Narrows Road Diversion Pump Station Western Regional Collection System	2007-079	n/a	\$9,900,000	102	Wastewater Collection
47	Northern Kentucky Sanitation District	South Fork Gunpowder Interceptor sewer Western Regional Collection System	2007-080	n/a	\$15,230,000	102	Wastewater Collection
48	Northern Kentucky Sanitation District	Frogtown Interceptor Western Regional Collection System	2007-081	n/a	\$5,768,000	102	Wastewater Collection
49	Northern Kentucky Sanitation District	Sunnybrook Sewer Western Regional Collection System	2007-082	n/a	\$6,502,000	102	Wastewater Collection
50	Union	Centralized Sanitary Sewer Collector System	2008-003	SX21015100	\$427,300	102	Wastewater Collection
51	Paducah/McCracken JSA	Massac Creek Pump Station and Force Main	2009-027	SX21145172	\$10,000,000	102	Collection system improvements
52	Oldham County Sewer District	Orchard Grass WWTP Elimination	2007-026	n/a	\$1,500,000	100	Wastewater Collection
53	Regional Water Resource Agency	Broadacre Subdivision Sewer Extension	2007-045	SX21059006	\$400,000	100	Wastewater Collection
54	Mount Washington	Mt. Washington WWTP Expansion	2009-024	n/a	\$12,000,000	100	WWTP expansion
55	Lexington	Expansion Area 2A Class A Pump Station and Trunk Sewer	2009-049	SX21067006	\$11,700,000	100	Sewer line extensions
56	Lexington	South Elkhorn Pump Station and Force Main	2009-051*	SX21067004	\$18,354,333	100	SSO elimination
57	Lexington	Mint Lane Pump Station	2010-016	SX21067019	\$1,500,000	100	WWTP elimination
58	Regional Water Resource Agency	Dublin Lane Tunnel Sewer Outfall Reconstruction	2010-051	SX21059034	\$3,000,000	100	Sewer System Improvements
59	Northern Kentucky Sanitation District	Turkeyfoot/Industrial Road Forcemain Western Regional Collection System	2007-074	n/a	\$2,470,000	98	Wastewater Collection
60	Oldham County Sewer District	Willow Creek WWTP Elimination	2007-025	n/a	\$430,000	97	Wastewater Collection
61	Northern Kentucky Sanitation District	Dry Creek WWTP- Solids Handling/ Capacity Modifications	2009-031	n/a	\$38,400,000	97	WWTP improvements
62	Perry County Sanitation District #1	Chavies Collection System & WWTP	2007-011	SX21193100	\$1,640,000	95	Wastewater Treatment Plant
63	Regional Water Resource Agency	Masonville Sewer Installation Project	2007-043	SX21059014	\$780,000	95	Wastewater Collection

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
64	Louisville MSD	Northern Ditch Interceptor	2007-096	n/a	\$11,250,000	95	Wastewater Collection
65	Taylorsville	WWTP Upgrade Expansion	2008-029	n/a	\$1,100,000	95	Wastewater Treatment Plant
66	Hopkinsville	Hopkinsville Surface & Stormwater Program Phase I	2008-026*	n/a	\$12,771,160	93	Stormwater Improvements
67	Hopkinsville WEA	CCFC/HWEA Greenville Road Sewer Extension	2009-014	SX21047017	\$460,070	93	Sewer line extensions
68	Hopkinsville WEA	HWEA SRF Phase VII	2009-018	SX21047020	\$20,140,000	93	Sewer line extensions
69	Beattyville	KY 11 South Wastewater Collection System	2010-039	SX21129005	\$1,500,000	93	Wastewater Collection
70	Oldham County Sewer District	Kentucky State Reformatory WWTP Expansion - Phase 1	2007-027	n/a	\$1,000,000	92	WWTP Expansion
71	Hopkinsville WEA	CCFC/HWEA Butler Road Sewer Extension	2009-015	SX21047016	\$333,718	90	Sewer line extensions
72	Prestonsburg	New WWTP in US 23 South Corridor	2009-043	SX21071218	\$5,500,000	86	New WWTP
73	Sadieville	Sewer Improvement Project	2010-054	SX21209001, SX21209004,	\$5,500,000	85	Sewer improvements
74	Somerset	Pitman Creek WWTP Upgrade	2008-004*	SX21199020	\$8,497,000	83	WWTP Expansion
75	Warsaw	Warsaw Wastewater & Stormwater System Improvements	2008-008	n/a	\$3,500,000	80	WWTP Expansion
76	Farmdale Sanitation District	Farmdale Area Sewer System	2008-016	SX21073029	\$4,000,000	80	Wastewater Treatment Plant
77	Marshall County Sanitation District #2	Marshall Sanitation District #2 - Plant Upgrade	2008-018	SX21157022	\$550,000	80	WWTP Expansion
78	Marshall County Sanitation District #2	Marshall County San District #2 - Sewer Extension	2008-019	SX21157023	\$355,250	80	Wastewater Collection
79	Prestonsburg	Force main extensions and lift station modifications	2009-044	SX21071220	\$1,160,000	80	Sewer line extensions
80	Lexington	LFUCG Bluegrass Airport Pump Station Expansion	2009-045	SX21067016	\$1,880,000	80	Collection system improvements
81	Lexington	LFUCG West Hickman 7 Trunk Sewer Rehabilitation	2009-052	n/a	\$12,000,000	80	SSO elimination
82	Nicholasville	North End Sewer Extensions	2007-065*	SX21113005	\$7,467,225	76	Wastewater Collection
83	Bath County	Olympia Watershed Improvement Project/Clustered Collection and Treatment System	2009-033	SX2101003	\$387,000	75	Clustered Wastewater Treatment Facility
84	Jenkins	Dairy Hollow Sewer Extension	2010-005	SX21133644	\$230,000	75	Sewer Rehabilitation
85	Muldraugh	Muldraugh Wastewater Collection System Rehab	2008-001	n/a	\$2,500,000	73	Sewer System Improvements
86	N. Madison Co. Sanitation District	US 25 Wastewater Collection System	2010-009	SX21151001	\$400,000	73	Sewer System Extension
87	Garrison-Quincy Water District	Garrison Sewers Phase 1	2008-017	SX21135001	\$2,500,000	72	Wastewater Collection
88	Hardin County Water District #2	Mill Creek Branch Watershed Wastewater collection & treatment	2007-002	n/a	\$5,481,000	70	Wastewater Collection
89	Campbellsville	Snow Lane and Steeple Chase Sewer System Extensions	2009-007	SX21217009	\$941,000	70	Sewer line extensions
90	Corbin	Tattersall Subdivision & 5th Street Sanitary Sewer Extension	2009-040	SX21235115	\$1,500,000	70	Sewer line extensions
91	Martin County	Tug Valley - Warfield Sewer Project (Phases I-V)	2008-020	SX21159501, SX21159502,	\$2,500,000	68	Wastewater Treatment Plant
92	Madisonville	Madisonville South Main Interceptor Phase 1A & 1B	2009-038	SX21107008	\$1,500,000	68	Sewer line extensions

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
93	Nicholasville	Lone Oak Sanitary Sewer Extension Project, Nicholasville	2009-036	n/a	\$150,000	66	SSO elimination
94	Nicholasville	Alta Avenue Parallel Sanitary Sewer Project, Nicholasville	2009-037	n/a	\$717,000	66	SSO elimination
95	Louisa	Meadowbrook & Berg Sewer Rehab	2008-005	SX21127016	\$1,150,000	65	Sewer System Improvements
96	Caneyville	Caneyville Wastewater Upgrade & Expansion	2008-021	SX21085001	\$1,600,000	65	WWTP Expansion
97	Livermore	Livermore I & I Sewer Rehab	2008-025	SX21149008	\$1,300,000	65	Sewer System Improvements
98	London	Wood Creek Wastewater Treatment Facilities WCWD- Unserved Customers in Lake Watershed	2009-032	SX21125151	\$14,000,000	65	Sewer line extensions
				SX21125322			
99	Carrollton	Ghent WWTP Elimination & Force Main	2007-017	SX21041101	\$686,000	64	Wastewater Collection
100	Prestonsburg	Wastewater Treatment Plant Upgrade	2007-035	n/a	\$650,000	63	WWTP Improvements
101	Hopkinsville WEA	HWEA Purchase of the Oak Grove wastewater collection system and treatment plant	2009-039	SX21047021	\$7,286,762	63	WWTP elimination
102	Hartford	Wastewater Improvements	2008-006	SX21183006	\$1,150,000	60	Sewer System Improvements
103	Jenkins	Various Sewer Extensions	2010-007	SX21133885	\$1,500,000	60	Sewer Rehabilitation
104	Boyd County Sanitation District #4	Route 5 Area Sewers	2007-037	SX21019013	\$2,462,000	59	Wastewater Collection
105	N. Madison Co. Sanitation District	Fort Boonesboro Force Main and Pump Station	2010-008	SX21151038	\$400,000	59	Sewer System Extension
106	N. Madison Co. Sanitation District	NMCSO Expanded I 75 Service Area	2010-010	SX21151002	\$500,000	58	Sewer System Extension
107	Nicholasville	Brookview Sanitary Sewer Replacement Project, Nicholasville	2009-034	n/a	\$430,000	56	Collection system improvements
108	Louisa	Louisa Comprehensive Sewer System	2007-012	SX21127021	\$1,000,000	55	Wastewater Collection
109	Carrollton	Eagle Creek Resort Wastewater Improvements	2007-016	SX21041300	\$750,000	55	Wastewater Collection
110	McKee	400,000 Gallon Wastewater Treatment Plant	2010-002	SX21109090	\$2,461,000	55	New WWTP
111	Jenkins	Main Street Sewer Rehab Phase 3	2010-004	n/a	\$1,500,000	55	Sewer Rehabilitation
112	Flemingsburg	Flemingsburg Wastewater Treatment Plant	2010-055	SX21069003	\$7,915,000	55	New WWTP
113	Northern Kentucky Sanitation District	US 27/AA Sewer Pump Station Forcemain (Old Area 2) Eastern Regional Collection System	2007-076	n/a	\$5,811,000	53	Wastewater Collection
114	Campbellsville	South Campbellsville/KY 70 Area Sewer Extension Project	2009-008	SX21217003	\$820,000	53	Sewer line extensions
115	Georgetown	Clayton Avenue Storm Sewer Project	2009-009	n/a	\$250,000	53	Storm sewer improvements
116	Irvine	Covey Road Sewer Extension	2009-019	SX21065007	\$200,000	53	Sewer line extensions
117	Irvine	Kelly Pump Station 6-inch Force Main Replacement	2009-020	SX21065008	\$300,000	53	Sewer Replacement
118	Calvert City	On Site Sewer Treatment Abatement Phase I	2007-047	SX21157027	\$100,000	52	Wastewater Collection
119	Calvert City	WWTP Expansion	2007-048	SX21157017	\$1,500,000	52	WWTP Expansion
120	Calvert City	Sewer Rehab Phase III	2007-050	SX21157025	\$750,000	52	Sewer System Improvements
121	Bowling Green	Sewer Interceptors & Cleaning Inspection	2007-088	SX21227021	\$225,000	52	Sewer System Improvements
122	Ewing	Ewing Sewer Phase I	2010-013	SX21069004	\$3,318,000	51	Wastewater Collection
123	Pikeville	Marion Branch Sewer Project	2010-052	SX21195124	\$800,000	51	Sewer Extension
124	Princeton	Sanitary Sewer Improvements Project	2007-028	n/a	\$500,000	50	Sewer System Improvements

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
125	Mercer County Sanitation District	Kentucky Agricultural Heritage Center/McAfee Wastewater Conveyance Project	2007-030	SX21167011	\$988,044	50	Wastewater Collection
126	Clinton	Clinton Sewer Rehabilitation Project	2007-032	SX21105004	\$1,000,000	50	Sewer System Improvements
127	Russellville	Johnson Street Project	2008-015	SX21141031	\$300,000	50	Sewer System Improvements
128	Hopkinsville WEA	CCFC/HWEA Russellville Road Sewer Extension	2009-016	SX21047018	\$804,974	50	Sewer line extensions
129	Lexington	Enhanced Solids Process- Town Branch WWTP	2009-048	SX21067005	\$3,600,000	50	WWTP improvements
130	Hardin County Water District #2	Dorsey Run & Sandy Creek Watershed Collection & Treatment	2007-003	n/a	\$7,329,000	48	Wastewater Collection
131	Hardin County Water District #2	North Upper Nolin River Watershed Wastewater Collection & Treatment	2007-005	n/a	\$20,945,000	48	Wastewater Collection
132	Hardin County Water District #2	Brushy Fork Creek Watershed Collection & treatment	2007-006	n/a	\$8,112,000	48	Wastewater Collection
133	Hardin County Water District #2	Upper Otter Creek Watershed and Pawley Creek Watershed Wastewater Collection and Treatment	2007-068	n/a	\$11,424,000	48	Wastewater Collection
134	Lewis County Sanitation District #1	Tollesboro S.R. 57 Sewer Extension Project	2008-035	SX21135008	\$369,000	48	Wastewater Collection
135	Providence	Olive Street and Leeper Lane Line Extensions	2009-029	SX21233012	\$1,500,000	48	Sewer line extensions
136	Louisa	Five Forks/KY 3 Sewers	2010-023	SX21127020	\$2,914,660	48	Sewer System Extensions
137	Calvert City	Sewer Rehab Phase II	2007-049	SX21157024	\$250,000	47	Sewer System Improvements
138	Calvert City	641 Corridor Sewer Extension, Phase 1	2007-051	SX21157010	\$2,500,000	47	Wastewater Collection
139	Grant County	Grant County Sewer Extension, Phase 1	2007-055	SX21081303	\$1,701,300	45	Wastewater Collection
140	St. Charles	St. Charles Sanitary Sewer System	2008-009	SX21107014	\$1,100,000	45	Wastewater Collection
141	Inez	Sewer Line Extensions-Coldwater	2010-012	SX21159005	\$1,000,000	45	Sewer System Extension
142	TCEA	Ball Creek WWTP	2010-056	SX21119810	\$500,000	45	WWTP
143	Bowling Green	Emergency Power for WWTP	2007-091	SX21227040	\$700,000	43	Sewer System Improvements
144	Georgetown	Landfill Force Main Phase II	2009-010	SX21209003	\$250,000	43	Sewer line extensions
145	Georgetown	Maddox Street Storm Sewer Project	2009-011	n/a	\$55,000	43	Storm sewer improvements
146	Georgetown	Royal Springs Structural BMP Storm Sewer Project	2009-012	n/a	\$100,000	43	Storm sewer improvements
147	Georgetown	Storm Sewer Stenciling Project	2009-013	n/a	\$24,000	43	Storm sewer improvements
148	Irvine	Wall Street Sewer Extension	2009-021	SX21065007	\$31,000	43	Sewer line extension
149	Caveland Environmental Authority	Horse Cave Wastewater Plant Improvements	2010-014	n/a	\$1,250,000	43	WWTP Improvements
150	Fancy Farm	Fancy Farm Water & Sewer District	2007-008	n/a	\$1,500,000	40	Wastewater Collection
151	Prestonsburg	US 23 Corridor Sewer Improvements Project	2007-024	n/a	\$1,100,000	40	Sewer System Improvements
152	Williamstown	Williamstown Regional Wastewater System improvements	2007-064*	SX21081304	\$13,700,000	40	Sewer System Improvements
153	Albany	Albany Phase 2 WWTP Expansion and Improvements	2009-001	SX21053007	\$4,000,000	40	WWTP Expansion
154	Bowling Green	BGMU WWTP Renovation Design	2009-003	SX21227051	\$3,000,000	40	WWTP expansion
155	Bowling Green	Emergency Generator for Jennings Creek Lift Station	2009-004	SX21227048	\$130,000	40	Pump station improvements
156	Georgetown	Washington St. System from N. Broadway to Royal Springs Storm Sewer Project	2010-001	n/a	\$105,092	40	Storm sewer improvements
157	Georgetown	Estill Av../S. Hamilton/Clayton Av. Storm Sewer Project	2010-026	n/a	\$372,428	40	Storm sewer improvements

Rank	Community	Project Name	Project #	WRIS #	Loan		Project Description
					Amount	Score	
158	Georgetown	S. Broadway From Clayton Av. To Rucker Av. And Ely Alley Storm Sewer Project	2010-028	n/a	\$267,908	40	Storm sewer improvements
159	Georgetown	W. Clinton and S. Water St. Storm Sewer Project	2010-029	n/a	\$147,908	40	Storm sewer improvements
160	Georgetown	Military St and Flinn Court Storm Sewer Project	2010-032	n/a	\$294,374	40	Storm sewer improvements
161	Georgetown	E Washington St. from N. Hamilton St. to N. Court St. and N. Broadway Storm Sewer Project	2010-033	n/a	\$44,415	40	Storm sewer improvements
162	Georgetown	E. Washington St. from N. Mulberry St. to N. Hamilton St. Storm Sewer Project	2010-038	n/a	\$84,866	40	Storm sewer improvements
163	Mount Vernon	WWTP and Pump Station	2009-023	SX21203191	\$5,500,000	30	WWTP replacement
164	Campbellsville	Campbellsville Bypass Sewer Extension	2010-003	SX21217011	\$320,000	20	Sewer System Extension
165	Carrollton	Markland Dam & Gallatin Steel sewers	2007-018	SX21077103	\$625,000	17	Wastewater Collection
166	Bowling Green	Lovers Lane (South End) Sewer Project	2008-031	n/a	\$1,600,000	13	Wastewater Collection
167	Louisville MSD	South Waterson Trail Sewer	2007-093	n/a	\$1,639,300	10	Wastewater Collection
168	Louisa	New Louisa WWTP Expansion	2008-007	SX21127021	\$3,000,000	10	Wastewater Treatment Plant
169	City of Franklin	Akin Avenue Sewer Lines	2008-032	SX21213020	\$550,000	8	Sewer System Improvements
170	City of Franklin	Highlands Subdivision Sewer Line	2008-033	SX21213019	\$630,000	8	Sewer System Improvements
171	Falmouth	Falmouth-Oak Haven Sewer Extension	2010-018	SX21191102	\$471,525	6	Sewer Line Extension
172	Murray	641 North/Hwy 80 Sanitary Sewers	2007-039	SX21035009	\$1,230,000	5	Wastewater Collection
173	Bowling Green	Relief Sewer to Pioneer Drive	2007-092	SX21227041	\$325,000	5	Wastewater Collection
174	Murray	Saratoga Farms Sewer Extension	2009-026	SX21035017	\$300,000	5	Sewer line extension
175	Inez	Collection System Replacement Phase 1	2009-035	SX21159012	\$2,000,000	5	Sewer replacements
176	Bowling Green	Pascoe Pump Station & Force Main	2007-085	SX21227001	\$630,000	3	Sewer System Improvements
177	Bowling Green	BGMU WWTP Facility Plan	2007-087	SX21227002	\$150,000	3	Facility Plan Study
178	Bowling Green	Emergency Generator for Riverwood Lift Station	2009-005	SX21227050	\$120,000	3	Pump station improvements
179	Falmouth	Pendleton High School Sewer Extensions	2010-019	SX21191103	\$515,000	3	Sewer Line Extension
180	Bowling Green	Hydraulic Sewer Model	2007-086	SX21227008	\$120,000	0	Modeling Software
181	Murray	Murray-Gatesborough Interceptor Sewer	2009-025	SX21035016	\$1,500,000	0	Sewer expansion
182	Jenkins	Sewer Treatment Plant Upgrades	2010-006	SX21133020	\$1,500,000	0	Sewer Rehabilitation

Project numbers marked by an "*" represent re-ranked projects that received a conditional commitment of funding from KIA during a prior funding cycle but have not completed the requirements necessary to enter into an Assistance Agreement. In the event they do not complete the requirements by the funding commitment expiration, they may be invited to re-apply if funding is available.

The Supplemental Project Priority List continues on the next page with projects pulled from the Water Resource Information System (WRIS) as of February 13, 2009.

Supplemental Project Priority List

February 13, 2009

Legal Applicant	Project Title	WRIS	Description
City of Columbia	Columbia Utilities/green Hills Sewer System Extension	SX21001003	Project Consists Of 5,300 Lf Of 8" Gravity Sewer, 4,250 Lf Of 4" Force Main And A Lift Station To Serve 60 New Customers. Start Date 0-2 Years, Estimated Costs \$583,000.
City of Columbia	Columbia Lift Station Renovation	SX21001008	Project Consists Of Replacing Four (4) Lift Stations For Transporting Sewage.
City of Columbia	Columbia Utilities/sewer System Improvements-Extensions	SX21001009	Project Consists Of 5,600 Lf Of 8" Gravity Sewer And 3 Lift Stations To Serve 21 New Sewer Customers. Project Is To Be Built In Conjunction With Wx-21001015 Columbia Utilities/water System Improvements-Extensions-Which Consists Of 3,100 Lf Of 8" Waterline, 3,200 Lf Of 6" Waterline Replacements. Start Date 0-2 Years. Estimated Project Cost For Sewer Portion \$680,780, Water Portion \$508,220, For Total Estimated Project Costs Of \$1,189,000.
City of Columbia	Columbia – Us 61/cumberland Parkway Development	SX21001010	The Collection Project Will Involve The Abandonment Of An Existing Pumping Station And The Installation Of A Two New Pumping Stations And Force Main To Serve The New Commercial And Residential Development At The Us 61/cumberland Parkway Interchange. this Project Will Ultimately Serve 20+ Commercial And 65 New Residential Customers.
City of Columbia	Columbia – Pineview Drive Sewer Extension	SX21001011	Extension Of 8" Gravity Sewers Into An Unserved Area And Installation Of A Lift Station And Force Main.
City of Columbia	Columbia – Parkview Subdivision Sewer Extension	SX21001012	Extension Of 8" Gravity Sewers Into An Unserved Area And Installation Of A Lift Station And Force Main To The Existing Collection System.
City of Columbia	Columbia – Ky 55 North Sewer Extension	SX21001013	Extension Of 8" Gravity Sewers Into An Unserved Area.
CITY OF SCOTTSVILLE	Scottsville Ky 980 Sewer Improvements	SX21003001	This 1810lf Gravity And 1,925lf Force Main Sewer Extension, Along Ky 980 Will Provide Service To 4 Households And One Business. This Area Is Unserved Due To Steep Slopes. Development Both Residential And Commercial Will Expand Greatly With The Completion Of Us231 Which Intersects This Service Area.
CITY OF SCOTTSVILLE	Manhole Repairs - Old Gallatin Rd	SX21003004	Eliminate III At Manhole Located Adjacent To The Flood Plain.
CITY OF SCOTTSVILLE	Sewer Plant Improvements	SX21003006	Construct Improvements To Sewer Treatment Plant To Include New Waste Well And Pump Station, Improve Dry Bed Access. install Proportional Flow Meters & Valves On Existing Influent Wet Well.
CITY OF SCOTTSVILLE	Scottsville - Sewer Plant Generator Replacement Project	SX21003017	Replace Existing Undersized Emergency Generator With A New Generator And New Electrical Connections So That The Plant Can Be At Full Power During Power Outage Emergencies. existing Undersized Generator Will Be Converted To Mobile Unit For Roving Power Supply To Pump Stations. remove An Underground Storage Tank And Place A New Storage Tank Above Ground.
CITY OF SCOTTSVILLE	Scottsville - Pump Station Telemetry Project	SX21003018	Install New Telemetry Systems On All Pump Stations And Install Electrical Connections For Emergency Generator Connection. this Will Allow For Operations Of Pump Stations From Plant As Well As Provide Emergency Power Adaptability To All Stations.
CITY OF SCOTTSVILLE	Scottsville - 980 & Us231 Sewer Line Connection	SX21003021	Connect Existing Hospital Pump Station To New 980 Sewer Line By Constructing New Force Main To Dell Hall Drive And Gravit Line To 980 Sewer. new Connection Will Improve Flow And Reduce Load On Existing Old Gallatin Road Main Collection Lines And Pump Stations That Serve The Southern Half Of The City.
CITY OF SCOTTSVILLE	Scottsville - Pump Station Replacement Project	SX21003022	Replace Four Existing Out-Of-Date And Dangerous Pump Stations At Cottage Drive, Oliver Street, Colonial Manor And Maxwell Dr.
CITY OF SCOTTSVILLE	Scottsville - New Glasgow Rd Sewer Line	SX21003023	Construct Pump Station And Force Main To Serve Adjoining New Glasgow Rd.
CITY OF SCOTTSVILLE	Scottsville - 231 Sewer Extension	SX21003024	Provide Sewer Service To Industrial Development Area Along Us 231 & Ky 3241
CITY OF SCOTTSVILLE	Scottsville - Computer Mapping And Scanning	SX21003025	Provide Computer Mapping, Gis & Gps For Sewer System Management & Scanner To Preserve Existing Maps & Plans.

	Project Title	WRIS	Description
CITY OF SCOTTSVILLE	Scottsville - Spring Valley Sewer Extension Project	SX21003026	Construct 4100 Lf Of Gravity Sewer Lines To Serve 40 New Customers.
CITY OF SCOTTSVILLE Legal Applicant	Sewer Plant Improvements	SX21003027	Construct Improvements To Sewer Treatment Plant To Include New Waste Well And Pump Station, Improve Dry Bed Access. install Proportional Flow Meters & Valves On Existing Influent Wet Well. tie In Existing Carousell Effluent Lines As Well As Return Lines From Both Carousells To All Four Clarifiers.
CITY OF SCOTTSVILLE	Camp Couragous Sewer Line	SX21003028	Construct 1 Mile Of Sewerline To Camp Couragous.
CITY OF SCOTTSVILLE	Scottsville - Bluegrass Drive Sewer Line Project	SX21003029	Construct Approximately 1,500 Lf Of Sewer Line, And 2 Manholes, Along Bluegrass Drive To Provide New Service To A Church And Eight Households. construction Of The Line Will Allow For Expansion Of The Church And Possible Infill Housing Construction Of Upto 3 New Homes.
CITY OF SCOTTSVILLE	City Of Scottsville - Sewer Lines To Future Industrial Property	SX21003030	Construct Sewer Lines To Future Industrial Park
CITY OF SCOTTSVILLE	City Of Scottsville Phosphorus Treatment Project	SX21003031	Construct Improvements To The Waste Water Treatment Plant To Provide For Phosphorus Treatment In Accordance With Anticipated Changes For New
CITY OF SCOTTSVILLE	City Of Scottsville Spring Valley Sewerlines Phase II	SX21003032	Consturct Sewer Lines In Spring Valley Subdivision As A Continuation Of Funded Project Sx21003026. construct New 2500 Lf Of Sewer Line Along Jacks
City of Lawrenceburg	City Of Lawrenceburg-Stringtown Sewer System	SX21005002	Project Consists Of The Installation Of 13,200 Ft. Of 8-Inch Gravity Sewer And Six Lift Stations To Serve 113 Homes Along Old Highway 127 In The Stringtown Community.
City of Lawrenceburg	South Lawrenceburg Sewer System Evaluation & Renovation	SX21005004	Project Consists Of Video Recording Approx. 10,000' of 8" Gravity Sewer Line, Replacement Of Approx. 2,600' of 8" Gravity Sewer Line And Repairing Pion Source Infiltration And Inflow Sources In The South Lawrenceburg Sewer System Area.
City of Lawrenceburg	Lawrenceburg Sewer Expansion Project-To Bg Parkway	SX21005005	It Has Been Determined That The City Of Lawrenceburg Needs To Complete A Sewer Line Expansion Along The Hwy 127 Bypass. at This Time, Lines Are Available To Highview, Which Is Just South Of The Intersection Of Hwy. 127 Bypass And Hwy. 62. an Expansion Project Form Highview To The Bluegrass Parkway Via The Hwy. 127 Bypass, Would Be Very Beneficial To The Community. the City Of Lawrenceburg, Which Currently Has A New Sewer Processing Plant Soon To Be Operational, And A Brand New Water Processing Plant, Is Willing To Support An Expansion Project Of This Magnitude. this Sewer Expansion Project, Which Would Connect To The City'S System With 4 And 6 Inch Sewer Lines To The Bg Parkway, Would Provide Opportunities To Create Jobs Through The Development Of Additional Commercial, Industrial And Residential Areas, Which Have Previously Not Been Available.
City of Lawrenceburg	Alton Vacuum Sewer System Replacement Phase 4	SX21005006	This Project Is The Fourth Phase Of The Replacement Of The Vacuum Sewer System That Is In The Alton Community And Is Owned And Operated By The City Of Lawrenceburg. this System Was Constructed In The 1970'S Using Innovative Technology And Has Never Operated Properly. the Environmental Protection Agency Has Recognized That This Is Failed Technology And Awarded The Community A Grant In The Amount Of \$2,000,000 Which Was Used To Cosntruct The Phase 2 And Phase 3 Portions. the Phase 4 Portion Will Eliminate The Remainder Of The Vacuum System By Converting It To A Conventional Collection System.

	Project Title	WRIS	Description
WICKLIFFE MUNICIPAL WATER AND SEWER Legal Applicant	City Of Wickliffe-Lift Station Infrastructure Improvements	SX21007002	The Kia Funds Will Be Used As Matching Funds To Rehabilitate And Replace The Main And River Lift Stations. The Kia Funds Will Also Be Used As Match For A Tv Inspection Project Of The Sewer System. other Improvements Will Be Completed On The City'S Sewer Infrastructure. the Main Lift Station Project Involves The Replacement Of The City'S Main Lift Station Which Is Located In The Floodplain. The Main Lift Station Project Will Be Completed With Fema Hazard Mitigation Grant Funds And Kia Grant Funds. The Project Will Also Involve The Replacement And Extension Of Gravity Sewer Lines And Force Main. some Existing Gravity Sewer Will Be Rehabilitated Due To Excessive Inflow And Infiltration. the River Lift Station Project Involves The Replacement Of The Pumps And Force Main. The Tv Inspection And Cleaning Project Will Be A Review Of The City'S Sewer System. the Tv Inspection Project Will Clean The Lines And Give The City A Twenty Year Plan For Their Future Sewer System Repair Needs. The River Lift Station Project And Tv Inspection Project Will Be Completed With Epa Spap Grant Funds And Kia Grant Funds.
CITY OF KEVIL	City Of Kevil-Sewer Repair To Stop Ill	SX21007004	This Project Will Repair Aging Sewer Lines And Stop Inflow And Infiltration Issues. analysis Must Also Be Conducted In Order To Determine The Problem Areas In The System.
CITY OF KEVIL	City Of Kevil-Wwtp Expansion	SX21007005	The City Of Kevil Needs To Increase The Capacity Of Their Wastewater Treatment Plant. this Will Help With Any Potential Growth, While Providing Adequate Accomodation For Current Daily Flow.
CITY OF LACENTER	City Of Lacenter-III Reduction	SX21007007	Lacenter Has Inflow And Infiltration Problems, Which They Hope To Minimize. this Project Will Identify And Focus On Problem Areas In The System.
CITY OF BARLOW	City Of Barlow-New Sewage Treatment Plant And Collection System Rehab	SX21007011	The City Of Barlow Is In Great Need Of A New Sewage Treatment Plant. a Force Main Will Also Need To Be Constructed From The Plant To A New Outfall. this Outfall Would Preferably Located At The Ohio River, Due To Discharge Flexibility. this Will Allow The Treatment Plant To Stay In Compliance With Regulations, And Stop Discharge Into Impaired Streams. Along With This Project The City Of Barlow Will Complete Some Sewer Rehabilitation To The Collection System To Reduce Their Infiltration And Inflow Problems. The Project Will Also Include Construction Of A New Lift Station. The Project Costs Include Engineering Costs For Design That Will Need To Be Reimbursed.the Project Will Also Consist Of Acquisition Of Land For The New Wwtp Construction.
Wickliffe Municipal Water and Sewer	City Of Wickliffe Sewer Rehabilitation Project	SX21007012	The City Of Wickliffe'S Collection System Is In Need Of Rehabilitation Due To Inflow And Infiltration Issues And The Deteriorated Condition Of The Existing Sewer Lines. this Project Will Involve Sewer Rehabilitation Of The Existing Collection System. the City Has Experienced Problems With Backups, Debris, Collapses, Overflows, And Maintenance Over The Past Several Years. this Project Will Rehabilitate The Most Problematic Areas Of The Collection System.
GLASGOW WATER COMPANY	Glasgow Old Wwtp Retention	SX21009017	This Project Consists Of Design And Construction Of A Flow Equalization Basin Prior To Our Wwtp Which Would Reduce Or Eliminate Sso'S Throughout Our Collection System.
GLASGOW WATER COMPANY	Glasgow Southside Interceptor	SX21009018	This Project Consists Of Relaying And Upgrading A Large Portion Of Our Southside Interceptor To Eliminate Historical Sso'S And Provide Additional Capacity For Future Growth. this Project Consists Of Upgrading 7600 Feet Of Existing Gravity Line To 24" Line From Hwy 31-E South To Chetham St.
GLASGOW WATER COMPANY	Glasgow Twymanpark-Water	SX21009019	This Project Consists Of Upgrading 3400 Feet Of Existing Gravity Line To 15" From Tywman Park To Water Street In The Downtown Area Which Would Reduce Or Eliminate Sso'S Throughout Our Collection System. this Project Starts At Hwy 63 (woodlawn St) And Continues To Water/lewis St.

	Project Title	WRIS	Description
GLASGOW WATER COMPANY Legal Applicant	Glasgow Twyman-Gorin	SX21009020	This Project Consists Of Upgrading 3880 Feet Of Existing Gravity Line To 18" From Tywman Park To Eliminate Historical Sso'S And Provide Additional Capacity For Future Growth. project Starts South Of Cheatham St. And Continues To Hwy 90 East.
GLASGOW WATER AND SEWER COMMISSION	Barren River State Park - Glasgow Water	SX21009021	This Project Consists Of Approximately 71,500 Feet Of A Pressurized And Gravity Sewage System To Provide Sewer Service To The Barren River State Park And Approximately 130 Homes And Businesses Along The Project Route. scada Communications Equipment Will Be Installed At The Five Lift Station Sites Along With Associated Equipment And Software At The Glasgow Wastewater Treatment Plant.
GLASGOW WATER COMPANY	Glasgow Wastewater Improvement - Austin Tracy School	SX21009023	This Project Consists Of Approximately 9,500 Feet Of A Pressurized Sewage System To Provide Sewer Service To The Austin Tracy Elementary School And Approximately 50 Homes Along The Project Route.
GLASGOW WATER COMPANY	Glasgow Wastewater Improvement - Gravity Sewer Line Shane Drive/rogers Road	SX21009024	This Project Consists Of Rehabilitating Approximately 4,500 Feet Of Existing Gravity Sewer Line To Eliminate Inflow/infiltration/maintenance Problems And Increasing The System Capacity In The Affected Area. project Starts At South Side Of Railroad And Continues To Shane Drive.
Caveland Environmental Authority	New Street Sewer	SX21009025	Sewer Line Extension
Caveland Environmental Authority	Sunny Brook Trailer Park	SX21009026	Sewer Line Extension 2 - Pump Station
Caveland Environmental Authority	Edmonson County Industrial Park N.2	SX21009027	8,570ft Force Main, Pumping Station, Man Holes 1,180 Gravity Sewers
Caveland Environmental Authority	Lyons Street Sewer	SX21009028	Sewer Line Extension
Caveland Environmental Authority	Talley Street Sewer	SX21009029	Sewer Line Extension
CAVELAND ENVIRONMENTAL AUTHORITY, INC.	Caveland Environmental - Davis Lift Station	SX21009033	200 Ft Of 8" Gravity, 200 Ft Of 8" Force Main, & 1 Lift Station.
GLASGOW WATER COMPANY	Glasgow Wastewater Improvement - Gravity Sewer Gorin Park/eastbrook	SX21009034	This Project Consists Of Rehabilitating Approximately 6300 Ft Of Existing Gravity Sewer To Eliminate Inflow/infiltration/maintenance Problems And Increasing The System Capacity In The Affected Area. project Will Start At Hwy 90 East At Gorin Park And Continue To East Brook Trailer Park.
GLASGOW WATER COMPANY	Glasgow Trunkline To Sewer Plant - South	SX21009035	This Project Consists Of Relaying And Upgrading A Large Portion Of Our Southside Interceptor To Eliminate Historical Sso'S And Provide Additional Capacity For Future Growth. this Project Will Consist Of Upgrading 5200 Lf. Of Existing 24" Gravity Line 36" Line From The Old Wwtp To The New Wwtp.
GLASGOW WATER COMPANY	Glasgow - Sanitary Sewer For Hwy 90 West - Barren County Board Of Ed	SX21009036	This Project Consist Of Providing Sanitary Sewer To Glasgow Airport And Airport Public Safety Building And The Barren County Board Of Educatoin Property Located On Hwy 90 West. this Will Consist Of Laying 17,680 Lf Of 6" Force Main And Setting 1 Liftstation
GLASGOW WATER COMPANY	Glasgow - Simental-Herford	SX21009037	This Project Consists Of Sewer Rehab Of 3750 Feet Of 8 Inch Pipe Eliminating Infiltration.
Glasgow Water Company	Waste Water Treatment Plant Improvement - Glasgow	SX21009038	Develope Comprehensive Plan On Long/short Range, Rehab Of Waste Water Treatment Plant, Install New Headworks For Inorganic Material Removal.
CAVELAND ENVIRONMENTAL AUTHORITY	Cea - 90 East	SX21009039	23232 Feet Of Force Main, 2380 Feet Gravity And 2 Pumping Stations.
GLASGOW WATER COMPANY	Glasgow Wwtp Improvement - Primary Clarifier	SX21009040	The Current Primary Clarifier Is From The Original Trickling Filter Plant Built In 1965 And Has A Limited Capacity Of 2 Mgd. when Daily Flows Exceed This Amount, The Primary Clarification Is Bypassed And Sent Directly To The Aeration Basins Limiting The Affectivity Of Treatment. in Addition To Being Too Small, The Metal Structures And Weirs Have Exceeded Their Life And Need To Be Completely Replaced. wwtp Master Plan Study Has Determined Two New Primary Clarifiers Need To Be Constrcted Along With Associated Piping And Pumps

		Project Title	WRIS	Description
GLASGOW WATER COMPANY Legal Applicant		Glasgow Wwtp Improvement - Belt Filter Press	SX21009041	The Glasgow Wwtp Currently Utilizes 12 Sludge Drying Beds In Conjunction With Land Farming To Dispose Of Sludge Generated By Its Wastewater Operations. as The System Has Grown, This Drying Process Has Not Been Able To Keep Up With Sludge Developed By The Wwtp Especially During Wet And Cooler Months. to Effectively Process Sludge For Disposal At The Adjacent Landfill A New 2.0 Meter Sludge Belt Filter Press Needs To Be Installed.
GLASGOW WATER COMPANY		Glasgow Wwtp Improvement - Ras/was Pumping Facility	SX21009042	The Return Activated Sludge/waste Activated Sludge (ras/was) Pumping Facility At The Wwtp Has Been In Operation Since The Mid 1970'S With No Improvements As The Plant Has Changed Since That Time Period. the Pumping And Control Equipment Experiences Numerous Problems Due To Age And Design Life Being Exceeded. in Addition To Mechanical Problems, The Sludge Well Is Inadequate In Size And Configuration Causing Suction Cavitation During Operation
GLASGOW WATER COMPANY		Glasgow Sewer Improvements - Redwood/blackwood Sewer	SX21009043	This Project Would Replace An Old Sewage Lift Station By Consturcting Approximately 1,700 Feet Of Gravity Sewer Line. the Exising Lift Station Consistently Has Mechanical, Pumping, And Control Equipment Problems Due To The Age And Design Life Being Exceeded. the Project Will Service 51 Households, 2 Nursing Homes And Several Commercial Businesses.
CAVELAND AUTHORITY, INC.	ENVIRONMENTAL	Caveland Environmental - Hiseville School Sewer Project	SX21009044	Install Force Main And Two Lift Stations
CAVELAND AUTHORITY, INC.	ENVIRONMENTAL	Caveland Environmental - Cave City Replacement	SX21009045	Replace Sewer Collection System
CITY OF OWINGSVILLE		City Of Owingsville Lagoon System Cleaning Project	SX21011002	This Project Proposes Cleaning Of The Lagoon System At The Waste Water Treatment Plant. the Plant Was Constructed In 1986. the Lagoon System Treatment Facility Comprises Approximatley 14 Acres. the Project Will Also Include Installation Of A Mechanical Influent Screen At The Plant.
CITY OF SHARPSBURG		City Of Sharpsburg Tater Town Line Extension Project	SX21011006	This Project Involves The Construction Of 5,280 Feet Of Collection Lines To Serve 50 Homes With Failing Septic Systems. this Project Includes 4,060 Feet Of 8-Inch Gravity Line, 750 Feet Of 4-Inch Gravity Line, And 1,300 Feet Of 4-Inch Force Main And Appurtenances
CITY OF SHARPSBURG		City Of Sharpsburg Oaklawn Line Extension Project	SX21011007	This Project Involves The Extension Of 4450 Linear Feet Of Eight Inch And 500 Linear Feet Of 4 Inch Gravity Collection Lines And 3100 Linear Feet Of Four Inch Force Main To Serve 37 Unserved Households In The Oaklawn Subdivision. one Pump Station Will Also Be Required.
CITY OF SHARPSBURG		City Of Sharpsburg Inflow-Infiltration Analysis Project	SX21011008	This Project Involves The Completion Of A Inflow-Infiltration Analysis On The Entire Waste Water Collection System To Determine How Much Non-Sewage Water (rain Water, Ground Water, Etc.) Is Getting Into The Collection System.
City of Owingsville		City Of Owingsville Us 60 East/wyoming Rd. A6 Extension Project	SX21011009	This Project Will Involve Approximately 4 Miles Of Regular Lines And Or Force Main. this Project Will Effect 104 Homes, 1 Nursing Home, And 1 Agriculture Facility.
City of Owingsville		City Of Owingsville Bath County Industrial Park Wastewater Treatment Plant Project	SX21011012	This Project Proposes To Construct A 300,000 Gpd Small Batch Reactor Wwtp At The Existing Industrial Park In Bath County, Along With Related Collection Lines.
City of Owingsville		City Of Owingsville Us 60 East/new Elementary School Sewer Line Extension	SX21011013	The City Of Owingsville Proposes To Extend Sewer Service From The New Agricultural Center To The New Elementary School And Households Along The Way On Us 60 East. the Project Consists Of Approximately 6,000 Lf Of 8 Inch Sanitary Sewer Main, 5,400 Lf Of 4" Force Main, 15 Manholes, And 1 Lift Station.
City of Owingsville		City Of Owingsville Ridgeway Subdivision Sewer Line Extension Project	SX21011014	This Project Proposes To Construct Approximately 3,615 Lf Of Gravity Sewer, 1660 Lf Of Force Main, 2 Pump Stations, And Necessary Appurtenances To Serve 20 Homes In The Ridgeway Subdivision.

	Project Title	WRIS	Description
City of Pineville	City Of Pineville Wastewater Extension (61)	SX21013010	The City Of Pineville Wishes To Extend Sewer To 61 Residents In The Striaght Creek North Area And Parts Of Ky 66.
City of Pineville	City Of Pineville Wastewater Extension (101)	SX21013011	Extension Of Sewer Lines Off Ky 2015 And The Turkey Creek Area.
City of Pineville	City Of Pineville Wastewater Extension (181)	SX21013012	Extension Of Sewer Lines Along Ky 119 And Ky 987.
City of Pineville	City Of Pineville Wastewater Extension (381)	SX21013013	Extension Of Sewer Lines Along Ky 66
City of Pineville Legal Applicant	Hilltop Road Sanitary Sewer Improvements	SX21013014	The Project Is "smart Growth" Initiative Of The City Of Pineville And Will Follow And Compliment Project Number Sx21013030. The Project Consists Of The Replacement Of Approximately 3,700 L.f Of Substandard Sanitary Sewer, Improve Service To 10 Existing Customers, Eliminate A Known Source Of Inflow And Infiltration And Provide For The Extension Of Sanitary Sewer Service Into An Unserved Area. The Unserved Area Is Ready To Develop Now. Availability Of Sanitary Sewer Service Will Allow For "smart Growth" More Dense Development, And Future Expansion Of The System In The Area. The Project Includes Installation Of 19 Manholes On The Rehab System And 15 Manholes On The New System. The Project Extends Approximately 3,000 L.f. 8" Pvc Sanitary Sewer Line Into Unserved Area.
City of Pineville	Turkey Creek Sewer Extension	SX21013029	The City Of Pineville Proposes To Extended Sewer Service To The Turkey Creek Area With 6,000 Feet Of Gravity; 11,000 Feet Of Force Main; 25 Manholes; And 2 Sewage Lift Station. This Project Would Eliminate Approximately 30 Conventional Septic Systems.
Pineville Utility Commission	Pineville Lift Station Replacement	SX21013030	The City Of Pineville Is Proposing To Replace An Existing Sewage Lift Station With A New Sewage Lift Station Located On Summit Road In Pineville, Ky. The Existng Lift Station Is Failing And Is Unable To Work Properly. The Existing Lift Station'S Inability To Fuction Is A Health Hazard To The Community.
City of Pineville	City Of Pineville - Sanitary And Storm Sewer Separation	SX21013140	This Project Proposes To Separate Storm Sanitary Sewer From Storm Water.
Bell County Fiscal Court	Pineville - Dorton Branch Sewer Extension (sx21013020 Revised)	SX21013141	The Bell County Fiscal Court Proposes To Extend Service To 75 Residences In The Dorton Branch Community. This Area Is Presently Forced To Use Septic Tanks. Many Of These Systems Are Failling.the Project Requires Approximately 10,000 Feet Of Gravity; 2 Sewage Lift Stations, 4,700 Feet Of Force Main, 50 Manholes.
City of Middlesboro	Middlesboro - "y" Road Sewer Extension/whitmer Industrial Park	SX21013142	This Project Is Proposed To Be Constructed In Phases. Phase 1 Is Proposed To Provide The Whitmer Site With Sanitary Sewer Services By Extending The Existing System. The Project Involves Approximately 1,200 Feet Of 4"pvc Force Main; As Well As A New Sewage Lift Station, An Additional 750 Lf Of 8" Gravity To Be Installed When Client Is Secured In The Park. Phase Two Proposes Sewer To The Residents In The "y" Road Area. This Phase Involves Approximately 4,200 Lf Of 8" Gravity And 1,500 Lf Of 4" Fm Of 4" And One Pump Station.
Pine Mountain Development Association	Pineville - Pmrida Sewer Ext To Industrial Park	SX21013144	The Mrida Is Proposing To Supply The Industrial Park With Sewer Service By Extending Th City Of Pineville'S Sanitary Sewer Collection System. This Shall Be Accomplished By Adding Approximately 125,000 Feet Of 4" Pvc Force Main; 10,000 Feet Of 10" Pvc Gravity; 5 Sewage Lift Station; And Rehabilitating 1 Existing Sewage Lift Station.
City of Pineville, Kentucky	Pineville: Ferndale Sewerline Extension	SX21013145	The Bell County Fiscal Court Proposes To Provide Public Sewer Services To Approximately 50 Residents In The Ferndale Community. In Addition, This Project Will Eliminate 2 Private Package Wwtps. The Total Project Cost Is Estimated At \$1,373,750.

	Project Title	WRIS	Description
City of Middlesboro Legal Applicant	Middlesboro: Noetown Sewer Rehab/binghamtown Ps Rehab	SX21013148	The City Of Middlesboro Is Proposing To Rehab A Portion Of Their Existing Sewer Collection System. The Noetown Area Of Middlesboro Currently Experiences Very High Infiltration/inflow During Wet Periods Of Weather. The City Is Proposing To Use Slip Lining And Pipe Bursting To Repair The Area'S Problem Sewer Lines.in Addition To The Rehab Of The Newtown Collection System, The City Proposes To Rehab The Binghamtown Sewage Lift Station, One Of Their Main Sewage Lift Stations In The Collection System.
City of Pineville, Kentucky	Pineville: Kentucky Avenue Utility Replacement Project	SX21013149	This Project Will Replace A 16-Inch Combined Sewer Line With 2,700 Feet Of 12-Inch Pvc Gravity Sewer Line And 15-Inch Concrete Storm Sewer Line Along Kentucky Avenue In Downtown Pineville.
City of Pineville	Pineville: Paula Drive Sewer Extension	SX21013150	Extension Of 6,000 Feet 8-Inch Pvc Sewer Line Into Unsewered Area On Paula Drive, 75 Manholes, And Pavement Repair To Serve 25 New Customers.
City of Pineville	Pineville: Virginia Avenue Utility Replacement	SX21013151	Replacement Of 16-Inch Combined Sewer Line With 2,700 Feet Of 12-Inch Combined Sewer Line And 15-Inch Concrete Storm Sewer Line, New Water Service Connections, New Sanitary Sewer Lateral On Virginia Avenue.
City of Pineville	Otb Lift Station Rehab And Force Main	SX21013152	Upgrade Of Existing Otb Sewer Lift Station And Construction Of New Force Main To Reroute Sanitary Sewer Flow Out Of Combined Sewer System And To Provide For Industrial Development. Project Consists Of 3,200 L.f Of 8" Force Main, Replacement Of Otb Lift Station, Upgrade Of Newtown Lift Station, And Related Appurtenances.
City of Union	City Of Union Sanitary Sewer Collector System	SX21015100	This Project Will Construct New Sanitary Sewer Collector Lines And Ultimately Provide New Sanitary Sewer Service To A Large Portion Of The City Of Union That Is Currently Using On-Site Sewer Systems.
Sanitation District #1 of Northern Kentucky	Sd1 - Boone County Infrastructure Upgrade & Water Quality Project	SX21015101	Project To Upgrade And Expand The Sewer Collector System In Boone County To Enable Continued Growth And Protect The Quality Of Surface Water. this Project Includes The Construction Of A Conveyance System From The Existing Gunpowder Creek Pumpstation To The Planned Western Regional Treatment Plant.
Sanitation District #1	Sd1 - Spca Wwtp Removal	SX21015102	This Project Consists Of Decommissioning A Small Package Wwtp On Maplewood Drive In Boone County. the Flow From The Plant Will Be Directed To A New Gravity Sanitary Sewer Main.
Sanitation District #1	Sd1 - Blackstone Drive Pump Station Abandonment	SX21015103	This Project Consists Of Building 1100 Linear Feet Of New 12" Sanitary Sewer To Eliminate An Aging Pump Station Located On Blackstone Drive In Boone County
Sanitation District #1	Sd1 - South Park Pump Station Removal	SX21015104	This Project Consists Of Building 2150 Linear Feet Of New 12" Sanitary Sewer To Eliminate And Aging Pump Station On Meridian Place In Boone County
City of Union	City Of Union - Gunpowder Greens	SX21015105	Sewer Line Extension
Sanitation District #1 of Northern Kentucky	Sd1 - Western Regional Treatment Plant	SX21015200	Project To Construct A New 20 Mgd Treatment Plant In Boone County. the Western Regional Service Area Includes The Majority Of Boone County And Portions Of Southwestern Kenton County.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Western Regional - Frogtown Interceptor Sewer	SX21015201	This Boone County Gravity Sewer Project Consists Of 10,900-Ft Of 42-Inch Gravity Sewer To Be Located Along The South Fork Of Gunpowder Creek, Beginning At Frogtown Road Ending At Sunnybrook Drive. the Completion Of This Project Is A Requirement Of The Sd1 Consent Decree.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Western Regional - South Fork Gunpowder Interceptor Sewer	SX21015202	This Boone County Gravity Sewer Project Consists Of 4,900-Ft Of 66-Inch Pipe, 6,200-Ft Of 60-Inch Pipe, And 6,200-Ft Of 54-Inch Pipe. the Project Begins At The Existing Fowler Creek Pump Station And Ends At Sunnybrook Drive. the Completion Of This Project Is A Requirement Of The Sd1 Consent Decree.

	Project Title	WRIS	Description
Sanitation District No. 1 of Northern Kentucky Legal Applicant	Sd1 - Western Regional - Narrows Road Diversion Pump Station	SX21015203	This Boone County Pump Station Project Is Based On The Construction Of A 21 Mgd Capacity Sewage Pump Station, To Be Located Near Turkeyfoot Road. this Pump Station Will Divert Flow Towards The New Western Regional Wastewater Reclamation Facility. the Completion Of This Project Is A Requirement Of The Sd1 Consent Decree.
Sanitation District No. 1 of Northern Kentucky	Sd1 - War Admiral And Brushup Lane Pump Station Removal	SX21015204	The War Admiral And Brushup Lane Pump Stations In Boone County Were Both Constructed Without Provisions To Maintain Electric Service During A Power Outage. the Tight Configuration Of The Sites Combined With The Age Of The Stations Makes The Addition Of On Site Generators Challenging. a Life Cycle Analysis Has Shown That It Is Cost Effective To Remove Both Pump Stations Through The Construction Of 4,300 Ft Of 8 Inch Gravity Sewer (this New Sewer Could Also Provide Sewer Service To Over 100 Residential Properties Currently Served By On-Site Systems That May Be Failing). because This Project Eliminates The Risk Of A Pump Station Overflow Due To Power Loss, It Will Help Sd1 Meet A Requirement Of The Consent Decree.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Willow Bend Pump Station Removal	SX21015205	The Willow Bend Pump Station In Boone County Was Constructed Without Provisions To Maintain Service During A Power Outage. the Tight Configuration Of The Station And Surrounding Development Makes The Addition Of An On-Site Generator Challenging. a Life-Cycle Analysis Has Indicated That It Is Cost-Effective To Eliminate The Station Through The Construction Of 1,400-Ft Of 8-Inch Gravity Sewer. Because This Project Eliminates The Risk Of A Pump Station Overflow Due To Power Loss, It Will Help Sd1 Meet A Requirement Of Its Consent Decree. This Project Is Also Of Value Because The Willow Bend Pump Station Is Located Within The Gunpowder Creek Watershed, Which Is 303(d)-Listed.
Boone County Fiscal Court	Boone County - Petersburg, Belleview, And Mcville Drainage Improvements	SX21015300	This Project Will Alleviate Local Flooding From Hillides For These 3 Towns Located Above The Ohio River Floodplain. this Project Will Construct A Catchment System, Approximately 15,830 Lineal Feet Of Stormwater Lines, And Associated Restoration.
Boone County Fiscal Court	Boone County - Twin Lakes Sanitary Sewer Project	SX21015301	Provision Of Public Sewer System In Dense Area Experiencing Serious Environmental Problems, Under 25 Year Building Permit Moratorium Imposed By The Northern Kentucky Independent Health District.
City of Florence	City Of Florence - 2006 Pumpstation Upgrades	SX21015502	Project To Upgrade The Controls At The Rosetta Drive Pumpstation And Increase Capacity At The Fowler Creek Pumpstation.
City of Florence	City Of Florence – Rosetta Sewer Shed: Sanitary Sewer Rehabilitation Project Phase I	SX21015505	This Project Will Eliminate The Infiltration Occurring Within The City's Sanitary Sewer System In This Sewer Shed. this Will Improve The Capacity Of The System And Assist In Limiting The Sanitary Sewer Overflows That Occur During Large Rain Events. this Will Complete The First Phase Of The Project That Is Scheduled To Begin During Fy2008-09.
City of Florence	City Of Florence – Rosetta Sewer Shed: Sanitary Sewer Rehabilitation Project Phase II	SX21015506	This Project Will Eliminate The Infiltration Occurring Within The City's Sanitary Sewer System In This Sewer Shed. this Will Improve The Capacity Of The System And Assist In Limiting The Sanitary Sewer Overflows That Occur During Large Rain Events. this Will Complete The Second And Final Phase Of The Project That Is Scheduled To Begin During Fy2009-10.
City of Florence	City Of Florence - Rosetta Sewer Shed: Manhole Rehab Project	SX21015507	This Project Will Eliminate The Infiltration Occurring Within The City'S Sanitary Sewer System In This Sewer Shed. this Will Improve The Capacity Of The System And Assist In Limiting The Sanitary Sewer Overflows That Occur During Large Rain Events. this Will Complete The Second And Final Phase Of The Project That Is Scheduled To Begin During Fy2009-10

	Project Title	WRIS	Description
City of Florence Legal Applicant	City Of Florence - Sanders/tee Sewer Shed Main Line Improvments/mainline Relining	SX21015508	Project Will Consist Of Repairing Approximately 7,500 Linear Feet Of Identified Damaged Clay Sanitary Sewer Mains By Means Such As Complete/partial Replacement Of Mains And Approved Polyurethane Relining Methods
City of Florence	City Of Florence - Sanders/tee Sewer Shed Manhole Rehabilitation	SX21015509	Project Will Consist Of Relining, Replacing And Repairing Fifty Identified Sanitary Manholes That Have Severe Structural Damage
City of Florence	City Of Florence - Pheasant/sanders Sewer Shed Main Line Improvments/mainline Relining	SX21015510	Project Will Consist Of Repairing Approximately 7,500 Linear Feet Of Identified Damaged Clay Sanitary Sewer Mains By Means Such As Complete/partial Replacement Of Mains And Approved Polyurethane Relining Methods.
City of Florence	City Of Florence - Biggs/sanders Sewer Shed Manhole Rehabilitation	SX21015511	Project Will Consist Of Relining, Replacing And Repairing Fifty Identified Sanitary Manholes That Have Severe Structural Damage
City of Florence	City Of Florence - Fowler/pheasant Sewer Shed Main Line Improvments/mainline Relining	SX21015512	Project Will Consist Of Repairing Approximately 7,500 Linear Feet Of Identified Damaged Clay Sanitary Sewer Mains By Means Such As Complete/partial Replacement Of Mains And Approved Polyurethane Relining Methods.
City of Florence	City Of Florence - Biggs/pheasant Sewer Shed Manhole Rehabilitation	SX21015513	Project Will Consist Of Relining, Replacing And Repairing Fifty Identified Sanitary Manholes That Have Severe Structural Damage.
City of Florence	City Of Florence - Dry Creek Transmission Main Relining	SX21015514	Project Will Consist Of Relining Approximately 1,800 Linear Feet Of 30" Concrete Transmission Main That Has Structural Damage.
City of Florence	City Of Florence - Turfway Manhole Relining/final Phase	SX21015515	Project Will Consist Of Relining Approximately Six Remaining Sanitary Manholes Within The Biggs Sewer Shed That Have Structural Damage.
City of Walton	Walton Wastewater Treatment Plant Upgrade	SX21015800	Upgrade The Walton Wastewater Treatment Plant To Add Additional Capacity To Accomodate Future Growth
City of North Middletown	City Of North Middletown Wastewater Collection System Improvements	SX21017001	Rehabitation Of Approximately 10,000 L.f. Of Gravity Sewer Line And Replacement Of 55 Manholes To Significantly Reduce The Excessive Infiltration And Inflow (i/i) Which Enters The System During Rain Events. During Wet Weather, The Existing Wwtp Designed For 0.085 Mgd Is Forced To Treat In Excess Of 0.20 Mgd. Additionally, Several Manholes Within The System Surcharge During Wet Weather Allowing Untreated Sewage To Spill Onto The Ground And Into Drainage Ditches And Creeks.
City of North Middletown	City Of North Middletown Facilities Plan And Sses	SX21017002	This Project Involves Completion Of A Regional Wastewater Facilities Plan And Sewer System Evaluation Survey, As Required By The City'S Agreed Order With The Kentucky Division Of Water. North Middletown Has Never Had A Facilities Plan Completed For Its Wastewater System And Suffers From Excessive III In Its Collection System.
City of Paris	Paris-Bourbon Co. Industrial Park Ww Expansion	SX21017003	The Project Will Extend Sanitary Sewers Fro The Paris Wastewater System Into The New 135 Acre Industrial Park. the Project Consists Of 5,522 Feet Of 8" And 10" Pvc Gravity Sewer, 5,811 Feet Fo 6" Force Main And (1) One Pump Station. this Project Will Extend New Service To Approx. 135 Acres Of Industrial Property.
City of Paris	City Of Paris - Claysville Trunk Sewer Replacement Project, Phase II	SX21017004	Claysville Trunk Sewer Replacement Project Will Consist Of Replacing A Portion Of The Existing Claysville Trunk Sewer Based On The Findings In The Claysville III Studies, Phase I. the Construction Will Be Approximately 6,000 Lf Of Sanitary Sewer, Manhole Rehabilitation, Ponit Repairs, Pump Station Upgrades, Etc. this Project Will Help Eliminate Some Existing III To The System And Help Eliminate Existing Sso'S.
City of Paris	City Of Paris-Mill Run Road & Cathy Drive Sanitary Sewer Project	SX21017005	The City Of Paris-Mill Run Road & Cathy Drive Sanitary Sewer Project Will Consist Of Constructing Approximately 6,600 L.f. Of 8" Collector Sewer And Appurtenances. This Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 76 Unserved Users.

	Project Title	WRIS	Description
City of Paris Legal Applicant	City Of Paris-Bourbon Hills Sanitary Sewer Collection Project	SX21017006	The City Of Paris- bourbon Hills Sanitary Sewer Project Will Consist Of Constructing Approximately 2,000 L.f. Of 8" Collector Sewer And Appurtenances. This Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 40 Unserved Users.
City of Paris	City Of Paris-Horseshoe Sanitary Sewer Collection Project	SX21017007	The City Of Paris-Horseshoe Sanitary Sewr Project Will Consist Of Constructing Approximately 5,800l.f. Of 8" Collector Sewer And Appurtenances. This Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 86 Unserved Users.
City of Paris	City Of Paris-Bedford Acres Sanitary Sewer Project	SX21017008	The City Of Paris-Bedford Acres Sanitary Sewer Project Will Consist Of Constructing Approximately 13,500 Lf. Of 8" Collector Sewer And Appurtenances. This Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 177 Unserved Users. this Project Will Also Consist Of Replacing Approximately 15,000 L.f. Of Water Mains That Are Failing. Project Was Ammended On 5/13/08 To Include The Design Of Bedford Acres Phase 2. the Design Will Consist Of Plans And Specifications And Modeling (as Needed) For The Construction Of 18,650 L.f. Of 8" And 4" Collector Sewer, 1,650 L.f. Of 4" Force Main, A Pump Station And Appurtenances."
Bourbon County Fiscal Court/City of Paris	Bourbon County Fiscal Court - Centerville Sewer Project	SX21017009	This Project Will Extend Sanitary Sewer Service To The Community Of Centerville In Rural Bourbon County. centerville, Located In Western Bourbon County, Is Now Technically Able To Be Served By Municipal Sewer Service Because The City Of Paris Currently Have Sewer Lines Extending Out Hwy. 460 In Western Bourbon County. this Project Has Recieved Two Rounds Of Kia Grant Money In 2003 And 2005.
Bourbon County Fiscal Court	Bourbon County Fiscal Court - Centerville Wwtp & Collection System Project	SX21017009	Ts Project Will Provide Centralized Sanitary Sewer Service To The Community Of Centerville In Rural Bourbon County. centerville, Located In Western Bourbon County, Currently Relies On Individual Septic Systems For Wastewater Treatment. the County Health Department Has Identified Several Failing Septic Systems That Inadequately Dispose Of Wastewater. the Nearest Centralized Wastewater Treatment Facility Is Located In Paris. the Distance Required To Convey Wastewater From Centerville To Paris, Along With The Difficulty In Obtaining Easements For Force Main Installation Make On-Site Treatment And Disposal The Best Alternative. the Project Includes Construction Of A New Conventional Wastewater Treatment Plant With Surface Discharge. a Conventional Collection System Is Also Required To Collect And Convey Wastewater To The Central Treatment Location. the Project Has Already Received Kia Grant Funds In The 2003 And 2005 Fiscal Years.
City of Pais	City Of Paris-Southern Hills Sanitary Sewer Collection Project	SX21017010	Southern Hills S.s. Project Will Consist Of Constructing Approximately 13,900 L.f. Of 8" And 4" Collector Sewer, 9200 L.f. Of Force Main, Pump Station, And Appurtenances. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 70 Unserved Users. this Project Will Serve 16 Unserved Users Per Mile Based On All Force Main, Gravity Sewers, And Laterals Installed. this Project Will Eliminate Existing Failing Septic Systems That Currently Cause Hazardous Unhealthy Conditions To The Residents. this Project Profile/cost Est. Was Created By A Licensed Engineer In The State Of Kentucky.

	Project Title	WRIS	Description
City of Paris Legal Applicant	City Of Paris-Bourbon Hills Sanitary Sewer Collection Project, Phase II	SX21017011	The City Of Paris-Bourbon Hills Sanitary Sewer Project Will Consist Of Constructing Approximately 1,800 L.f. Of 8" And 4" Collector Sewer And Appurtenances. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 20 Unserved Users. this Will Be The Second Phase Of The Project To Finalize Service To All Users In The Bourbon Hills Area. the Design Of This Project Is Complete And Already Approved By Kdow. this Project Is Ready To Go To Construction Once Funding Is Available.
City of North Middleton	North Middleton Sewer System	SX21017012	North Middleton, Ky Has Incurred Debt To The Ky League Of Cities For The Sewer System. in Particular, The Wwtp "floated" Out Of The Ground During A Period Of Excessive Rainfall/flooding Conditions. fema Was Supposed To Assist, But Later Refused To Participate. the City Had Already Spent The Money. this Requet Will Lower The Debt, Not Eliminate It. north Middleton'S Financial Situation And Current Revenue Sources Need This Assistance To Help Them Become More Financially Stable.
City of Paris	City Of Paris - Bedford Acres Sanitary Sewer Project Phase 2	SX21017013	The City Of Paris - Bedford Acres Sanitary Sewer Project Phase 2 Will Consist Of Constructing Approximately 18,650 L.f. Of 8" And 4" Collector Sewer, 1,650 L.f. Of 4" Force Main, A Pump Station, And Appurtenances. this Project Will Provide A Reliable Source Of Sanitary Sewer Services To Approximately 175 Unserved Users.
City of Paris	City Of Paris Claysville Trunk Sewer I & I Study, Phase I	SX21017014	Currently The City Of Paris Is Experiencing Inflow And Infiltration (i&i) During Rain Events. i & I Has Increased Flow To The Existing Wwtp And Has Caused Sso Along The Trunk Sewer. The Sses Will Consist Of A Flow Monitoring Study, Smoke Testing, And Finally An Evaluation Study Of The Prioritized Problem Areas In An Effort To Rehab The Old Collection System And Remove I/i. once This Evaluation Is Complete The City Of Paris Will Rehab The Current Problem Areas (and Begin Phase 2 Of The Project) In An Effort To Reduce I & I And Assist The Current Wwtp In Staying Within Current Capacity & Eliminate Sso'S.
City of Paris	City Of Paris Rehab Sanitary Sewer Mains	SX21017015	7th Street From Houston To Gano, 7th Street Tie In 6 Houses To Sanitary, East Main Street, Replace Main From Bo. Co. Hospital To East Main Lift Station. clintonville Road From Mh #30 To 32.
Sanitation District #4	Sd4: upgrade Gibbs Addition	SX21019003	Upgrade Lift Stations 1 And 2 Along Countryside Drive (gibbs Addition) To Alleviate Overflow Problems And Avoid Installation Of New Collection Lines. number Of Households Affected Is 15 And The Engineer'S Estimate For This Project Is \$110,000. this Project Is In Preparation For A New Force Main From The County Planned For Fy 2009.
City of Catlettsburg	Catlettsburg: valley Street Project	SX21019005	Replace Existing Combined Sewer To Sanitary Line From 34th Street To End Of Valley Street.
City of Catlettsburg	Catlettsburg: 26th Street Project	SX21019007	Extend Line 4-10 (26th Street) To Pick Up 10 Houses. project Would Also Remove A 54" Storm Drain From The City'S Stp. estimated Cost For This Project Is \$87,000
City of Catlettsburg	Catlettsburg: stp Maintenance Equipment	SX21019008	Upgrade Sewer Maintenance Equipment.
City of Catlettsburg	Catlettsburg: stp Lab Equipment	SX21019009	Plant Lab Upgrade Operations Division (process Control Testing Equipment). items Required: drying Oven, Analytical Balance, Vacuum Pump, Glass Fiber Filters, Filtering Flask, Glass Filter Funnel, Centrifuge, Sludge Sampler, Settmeter Kit, Ph/ise Meter, Ph Electrode Probe, Ammonia Electrode, Ammonia Standardizing Solution, Ph Buffer Solution, Ph Buffer Solutions (various), D.o. Meter, D.o. Field Probe Cable, B.o.d. Bottle Probe And Bottle, Incubator, Cholrine Analyzer, Muffle Furnace, Refrigerator, Thermometer, Pipets (various). Estimated Cost Of \$20,000

	Project Title	WRIS	Description
Boyd County Fiscal Court Legal Applicant	Bcfc: phase Iv Greenfield Road And Camelot Estates	SX21019012	This Project Will Provide Sanitary Sewer Service To 33 Homes That Are Currently On Septic Systems. this Project Will Consist Of Approximately 10,000 Lf Of Gravity Sewer And One Grinder Pump Station.
Boyd County Sanitation District 4	Boyd County Sd4 Rt5 Area Sewers	SX21019013	Project To Provide Sanitary Collector Sewers To Approximately 270 Customers Along State Route 5 In Summit, Boyd County, Ky. project Will Provide Sanitary Sewer Service To The Bible Institute, Dorcliff Heights, Molsberger Road, Route 5, And Big Garner Creek Areas Requiring Approximately 30,000 Lf Of New Sewer Line.
Boyd County Sanitation District 2	Boyd Co Sd2: sses	SX21019014	The Sses Will Consist First Of Collection System Mapping, Then A Flow Monitoring Study And Finally An Evaluation Study To Prioritize Problem Areas In Order To Rehab The Old Collection System And Remove I/i. estimated Cost Is \$200,000
Boyd County Fiscal Court	Bcfc: Pigeon Roost Area Sewer Project	SX21019015	Ramey/estep Wastewater Line Extension; Approximately 7 Miles Of New Line Along With 3 Pump Stations To Serve The Pigeon Roost Area Of Boyd County.
Boyd County Fiscal Court	Bcfc: logtown Road Subdivision Sewer Line	SX21019017	Extend Wastewater Line Along Snow Creek To Logtown Road In Greenup County For 400 Unit Development At Logtown Road.
Boyd County Fiscal Court	Bcfc: phase Iv Marsh Hill, New Ridge, Sr 3294	SX21019020	Sewer Infrastructure Improvements. marsh Hill Pump Station And Force Main Project As Well As Other System Improvements And Upgrades service Will Affect 180 Households And Require 1 Pump Station.
Boyd County Fiscal Court	Bcfc: phase Iv Tarpin Ridge, Alley Branch, Collings Branch	SX21019021	Install A New Sewer Collection System To Eliminate Failing Septic Tanks. project Will Serve 180 Households With An Estimated Cost Of \$3,300,000 And Require 3 New Lift Stations And 20,000 Lf Of New Pipe.
Boyd County Fiscal Court	Bcfc: phase Iv Sr 5 Princess Area	SX21019022	Construct A New Sewer Collection System To Eliminate Failing Septic Tanks. the System Will Serve 45 Unserved Households And Require 5500 Lf Or New Sewer Line.
Boyd County Fiscal Court	Bcfc: phase Iv Lakewood Village, Dog Fork, And Sr-3	SX21019023	Install A New Collector Sewer To Eliminate Failing Septic Tanks In The Area And Remove The Wwtp At Lakewood Village Which Is Out Of Compliance. project Will Serve 70 New Customers And 30 Underserved Households. Project Sx21019030 With Mapping Was Incorporated Into This Project To Add The Ponderosa And Briarwood Areas. this Addition Will Remove 3 More Package Treatment Plants, And Require 3 More Lift Stations To Service An Additional 270 Households. project Will Require 75,000 Lf Of Pvc Pipe (14.15 Miles). estimated Project Total Is \$4,850,000 (committed Funds: \$2,250,000)
Boyd County Fiscal Court	Bcfc: phase Iv Sr5 From New Buckley Rd To Pinecrest Rd	SX21019026	Install A New Collector System To Eliminate Failing Septic Tanks Along Sr5 From New Buckley Rd To Pinecrest Rd; Sr5 From Bradley Dr To Pinecrest Rd. project Will Serve 150 New Households And Require Approximately 32,000 Lf Of New Pipe For A Cost Of \$3,000,000.
Boyd County Fiscal Court	Bcfc: phase Iv Lower Chadwicks Creek, Sr-3	SX21019027	Install A New Collector System To Eliminate Failing Septic Tanks Along Lower Chadwicks Creek. project Will Affect 45 Households And Require 3900 Lf Of New Pipe And 1 New Lift Station For A Projected Cost Of \$700,000.
Boyd County Fiscal Court	Bcfc: phase Iv Roadhouse Road Extension Into Greenup County	SX21019028	Install A New Collector System To Eliminate Failing Septic Tanks Along Roadhouse Road. project Will Provide New Service To 30 Households And Require Approximately 2600 Lf Of New Pipe For An Estimated Cost Of \$260,000.
Big Sandy Water District	Bcfc: phase Iv Big Run Road	SX21019029	Install New Collector Sewers Along Big Run Road To Eliminate Failing Septic Tanks In That Area. project Will Provide New Service To 20 Households And Require Approximately 1800 Lf Of New Pipe And 1 New Lift Station For An Estimated Cost Of \$500,000

	Project Title	WRIS	Description
Boyd County Sanitation District 4 Legal Applicant	Bcfc: phase Iv Ponderosa, Briarwood, And Sr-3	SX21019030	Install A New Collector System To Eliminate Failing Septic Tanks And 2 Small Treatment Plants. project Will Provide New Service To 220 Households And Require Approximately 19,000 Lf Of New Pipe And 3 New Lift Stations For An Estimated Cost Of \$3,700,000
Boyd County Fiscal Court	Bcfc: phase Iv Johnson Fork, Catletts Creek, And Twin Fork	SX21019031	Install A New Collector Sewer To Eliminate Failing Septic Tanks And One School Package Treatment Plant. project Will Provide New Service To 206 Households And Require Approximately 18,000 Lf Of New Pipe And 2 New Lift Stations For An Estimated Cost Of \$3,350,000
City of Catlettsburg	Catlettsburg: separate Combined Sewer Between 12th & 13th Streets	SX21019033	Project To Separate The Combined Sewers Between 12th Street And 13th Street Along Us23 In Catlettsburg. the Project Will Effect 10 Households And Require 690 Lf Of Pvc Pipe For An Estimated Cost Of \$25,000.
Ashland Public Works	Ashland: providence Hill Sewer Main & Pump Station	SX21019035	Provide Sewer Service To 300 Apartments And Comdominiums And 20 Commercial Units. project Includes 400 Gpm Pump Station And 2,140 Lf Of 6" Pvc Sr-21 And Bore & Casing Of Us-23. estimated Cost Is \$160,000
Ashland Public Works	Ashland: ak Coke Plant Sewer	SX21019036	This Project Involves The Replacement Of 2,200 Lf Of City Owned 24" To 27" Clay Sanitary Sewer Line That Was Installed In 1923 On The Ak Steel Property. project Will Involve 2,200 Lf Of 30" Ductile Iron Pipe For An Estimated Cost Of \$750,000 And Will Affect Over 1000 Households. Ak Steel Will Take Over The Existing Broken Line As A Collection System For Any Diesel Fuel Than May Be In The Ground Water.
Ashland Public Works	Ashland: putnam Street Sanitary Sewer Improvements	SX21019037	Replace 2,400 Lf Of 10" Clay Tile Sewer Line With 18" Pvc Line To Tie In Two Previous Upgrades To The System Above And Below This Line And To Relieve Severe Infiltration Problems Along This Stretch Of Broken Line. the Project Will Affect 100 Plus Households For An Estimated Cost Of \$260,000. engineering Is Completed And Bids Have Been Received.
Boyd County Sanitation District 4	Bcsd4: joint Project To Study & Resolve Hydrogen Sulfide Problem	SX21019038	Project Will Involve Boyd County Sanitation District 4, Ashland Public Works, And The Boyd County Fiscal Court. a Hydrogen Sulfide Problem exists Involving All Three Systems (though Primarily Manifested In Sd4) And Will Require A Joint Effort To Resolve It. ashland, As The Treatment Facility Must Take Extra Measures To Deal With The Flow It Receives From The Collection Systems Of The County And Sd4. estimated Cost For Study And Pre-Treatment Options Is \$250,000.
Ashland Public Works	Ashland: fifth Street Force Main	SX21019040	Upgrade Fifth Street Lift Station From 4" To 6" Ductal Iron. project Will Increase Capacity And Relocate The Line From The Middle Of The Road And The Side Yards Of Businesses To The Road Edge. project Will Affect 25 Businesses And Require 6,000 Lf Of Ductal Iron For An Estimated Cost Of \$40,000.00
Ashland Public Works	Ashland: new Lift Station At Roberts Drive And Blackburn Avenue	SX21019041	Replace Lift Station Damaged By Hydrogen Sulfide With New Station At Intersection Of Roberts Drive And Blackburn Avenue. project Requires The Purchase Of Property Between The Old Lift Station And The Intersection. estimated Cost Is %500,000.00
Ashland Public Works	Ashland: gallaher Street And Sherwood Drive Rehab	SX21019042	Replace 160 Lf Of 8" Pvc Pipe With Ductal Iron, Seal With Concrete And Attach To Bedrock With Rebars To Keep This Section Of Sewer From Washing Away During A Storm. project Is Designed To Eliminate Discharge Of Raw Sewage Into A Creek Bed. estimated Cost Is \$8,000.
Ashland Public Works	Ashland: roberts Drive Gravity Line	SX21019043	This Is A Planning Project To Determine The Size Of Sewer Line Needed For The Future. this Line Collects The Flow From Boyd County And Sanitation District 4 Which Are Systems Covering Growing Areas Of The County. the Line Will Run From The Intersection Of Roberts Drive And Bob Mccullough Dr To The Roberts Drive Lift Station At 2400 Roberts Dr. approximately 18,480 Lf Of Pipe Will Be Required But The Line Size Will Be Determined By The Study. estimated Cost Is \$50,000

	Project Title	WRIS	Description
Ashland Public Works	Ashland: rehab 45th Street Lift Station	SX21019044	Replace Beams And Guide Rails And Pump Connections Inside Station For An Estimated Cost Of \$350,000
Ashland Public Works Legal Applicant	Ashland: tenth & Sixth Street Lift Stations Rehab	SX21019045	Project Involves Installation Of Three Channel Grinders: two Located At Tenth Street And One Located At The Sixth Street Lift Station. grinders Cut Up All The Rubbish In The Sewer Line Before It Gets To The Pump Impeller And Keeps Them From Clogging And Causing By-Pass Occurances. estimated Cost Is \$900,000
Boyd County Fiscal Court	Bcfc: North Commerce And Technology Drive Project	SX21019047	Install A New 8" Sanitary Sewer Line 1800 Lf Long. this Line Will Connect To An Existing 8 Inch Manhole Maintained By The Boyd County Fiscal Court Sewer Located At The Nw Corner Of North Commerce And Technology Drive
Boyd County Sanitation District 2	Sd2: phase I Mcknight Street Sewer Line	SX21019048	Construct A Gravity Feed Line For The Residents Of Mcknight Street In Boyd County. project Will Require 3700 Lf Of 8 Inch Pvc Pipe And Will Affect 45 Households. approximate Cost Is \$600,000.
City of Catlettsburg	Catlettsburg: belt Press For Wwtp	SX21019049	Purchase And Install A New Belt Press And Metal Building To House It For The Wastewater Treatment Plant To Replace Existing Drying Beds. project Will Lower The Number Of Hauls To The Landfill And Greatly Reduce The Cost Of \$42 Per Ton Currently Being Paid For Dumping. the System Currently Hauls About 250 Tons Annually To The Landfill. Estimated Cost Is \$165,000
City of Catlettsburg	Catlettsburg: chlorinator And Sulphonator For Wwtp	SX21019050	Install Regal Chlorinators And Sulphonators To Be Paced Through The Smart Valves By Existing Water Meters At The Wastewater Treatment Plant. estimated Cost For The Project Is \$29,500
Boyd County Sanitation District 4	Sd4: systemwide Pump Station Maintenance	SX21019053	Systemwide Pump Station Maintenance, Repair And Replacement.; project Will Involve 54 Pump Stations And Will Require Repairs To Several Of The Buildings And Well As The Pss. professional Estimate For The Project Is \$950,000
Boyd County Sanitation District 4	Sd4: camera Inspection Of Collection System	SX21019054	Camera Inspection Of Collection System: assumption Of The Boyd County Fiscal Court Collection System By Sd4 And Reports Of Installation Errors On Many Parts Of The System Requires Close Inspection Of Many Of The Lines. cost Is .60 Per Foot To 1.50 Per Foot. total Estimated Cost Is \$118,000
Boyd County Fiscal Court	Bcfc: Marsh Hill Sewer Improvements	SX21019056	Boyd County Fiscal Court - Phase Iv Sewer Infrastructure - Improvements - Marsh Hill Pump Station And Force Main Project And Other Sewer System Improvements To Include Boyd County High School And Addington Development On Rt 180 At Cannonsburg. household Affected Is 20. If Is 25,500 estimated Cost Is \$1,000,000
Boyd County Sanitation District 4	Sd4: pump Station Renovation	SX21019057	Pump Station Renovation: rockdale Pump Station To Include 2 40hp Pumps, Control Panel & Box For \$108,500 Affecting 3000 Residential And Commercial Customers. this Station Is Also Located Near A Blue Water Stream; el Hasa Pump Station To Include 2 12hp Pumps Which Must Be Raised 10 Feet Out Of The Flood Plane Caused By Recent Commercial Development For \$84,500; The Thompson Road Pump Station Which Is Often Under Water And Is Within 1/4 Mile Of The Ohio River Will Require An Enlarged Wet Well And 2 40hp Pumps For \$155,000; And Telemetry Communications System For 76 Pump Stations Throughout The System @ \$2000 For A Total Of \$152,000. total Project Cost Is \$500,000

	Project Title	WRIS	Description
City of Danville Municipal Sewer System Legal Applicant	City Of Danville Sewer System Upgrade - Junction City To Danville Interceptor Sewer Project	SX21021001	Design/construction Of A Wastewater Pumping Station And Force Main Needed To Allow Construction Of 18,000 Lf Of 18" To 24" Gravity Interceptor Sewer To Provide Transportation Of Sewage From Junction City To Danville'S Wwtp. project Will Facilitate Elimination Of Health Hazards In Junction City And Boyle County And Alleviate Agreed Order In Junction City. the Pump Station Is Essential For Interceptor Sewer Project By Junction City. additionally, Project Will Consist Of The Abandonment Of The Mitchell Street And Henry Street Pumping Stations. there Will Also Be A Replacement Of The York Lane Pumping Station. moreover, This Project Will Incorporate The Scope Of Work Proposed In This Project Sx21021001 And Projects Sx21021002 & Sx2102007. The Funding Will Remain Separated However.
City of Danville Municipal Sewer System	Danville East Main Sewer Force Main And Pump Station	SX21021002	Construction Of A New 10" Force Main And New Sewer Pump Station. the New Force Main Will Be About 5,000 Feet In Length.
City of Danville Municipal Sewer System	Upgrade Of Clarks Run Pump Station, Danville	SX21021003	The Pump Station Basically Is Comprised Of Six Components As Follows: Inlet Screening Structure, Dual Wetwells, Submersible Pumps And Appurtenances, Discharger Force Main, Site And Structures, And Electrical Instrumentation. this Station Is 21 Years Old And Exhibits A History Of Overflow Events During Heavy Rains.
City of Danville Municipal Sewer System	Danville Major Sewer System Rehabilitation	SX21021004	Upsize Existing 18" Diameter Sanitary Sewer. replace Varying Size Sewer With A 15" Sewer. perform Sanitary Sewer Evaluation Survey In Mini-Basins Number 2, 2d, 6, 7, 11, And 18.
City of Danville Municipal Sewer System	Danville Bluegrass Estates-Weisiger Project	SX21021005	Construction Of A Conventional Gravity Sewer System Using 8" Diameter Polyvinylchloride Pipe And Standard Manholes. sewer Pump Stations And Force Main To Pump The Sewer To Existing Sanitary Sewer Mains.
City of Danville	Junction City Sewer System Improvements	SX21021007	Project Is To Alleviate D.o.w. Sewer Sanctions On Sewer System. Project Will Remove One Overwhelmed Pump Station And Install 14600 Ft Of 21" Gravity Sewer To City Of Danville'S System For Treatment. The 21" Gravity Line Will Serve Aprox. 50 Customers.
City of Danville	Danville- burgin Road Sewer Line Extension	SX21021009	The Proposed Project Will Enable A Significant Area Of Northern Boyle County To Receive Sanitary Sewer Service. the Northpoint Training Center, Gwinn Island Resort, As Well As Numerous Proposed Residential Developments Will Be Able To Obtain Sewer After The Completion Of This Project. it Will Require The Construction Of One Sewage Lift Station, Approximately 6,700 Linear Feet Of 14" Sewer Force Main, As Well As Other Associated Appurtenances.
City of Danville	Danville Spear	SX21021010	The Project Relates To Sanitary Sewer Collection And Involves The Construction Of An Equalization Lagoon At The Spear'S Creek Pump Station. the Construction Of The Lagoon Will Enable The Added Flow Caused By Development On The North Side Of Danville.
City of Danville	Phylben Village - Airport Road Sewer Project For Boyle County / Lincoln County	SX21021011	Construct A New Sanitary Sewer Collection System To Serve The Airport, Phylben Village, And Residents Along Airport Road East Of Junction Ciy. the Project Consists Of Approximately 22,190 Lf Of 8-Inch Gravity Sewer, 100 Lf Of 10-Inch Gravity Sewer, 5,900 Lf Of 4-Inch Force Main, 104 New Sewer Manholes, And One 90 Gallon Per Minute Pumping Station.
CITY OF BROOKSVILLE	Brooksville Sewage System Improvements	SX21023001	During Periods Of Heavy Rain The Wwtp Overflows Into The Discharge Stream. Intent Of Project Is To Upgrade Mains And Increase Plant Capacity.
The City of Augusta	Augusta 201 Study	SX21023002	Development Of A 201 Plan For The City Of Augusta. any Funds Remaining From The Study Will Allow Fo Repars To The System.

	Project Title	WRIS	Description
Bracken County Fiscal Court Legal Applicant	Brooksville III And Sses Studies	SX21023003	Regional Project To Study The Negative Impact That Both Rain Events And Ground Water Is Having On The Existing Sanitary Sewers In The Two Communities Of Brooksville And Augusta, Ky. further, The Studies Will Indicate Areas Where Action Should Be Taken To Eliminate The Rain/ground Water. this Project Will Work In Conjunction With Project # Sx21023004. in Addition, This Project Will Utilize Funding To Repair Identified Problems.
Bracken County Fiscal Court	Augusta III And Sses Studies	SX21023004	Regional Project To Study The Negative Impact That Both Rain Events And Ground Water Is Having On The Existing Sanitary Sewers In The Two Communities Of Brooksville And Augusta, Ky. further, The Studies Will Indicate Areas Where Action Should Be Taken To Eliminate The Rain/ground Water. this Project Will Work In Conjunction With Project # Sx21023004. in Addition, This Project Will Utilize Funding To Repair Identified Problems.
BRACKEN COUNTY FISCAL COURT	Bracken County Sewer Design	SX21023005	This Project Will Design A Regional Sewer System For Bracken County Based Upon The Findings Of The 201 Study That Has Been Completed.
CITY OF AUGUSTA	Augusta Bracken Creek Lift Station	SX21023006	This Project Will Provide For Repair Of A Lift Station At Bracken Creek.
City of Jackson	Jackson - Lick Br/panbowl/hwy 15n Sewer Extensions	SX21025001	Proposed Project Will Extend Wastewater Collection Service To The Residences Along Lick Branch, Kings Branch And Armory Drive, Panbowl Lake Area And Hwy 15 North.
City of Jackson	Jackson - Shuckey Bean Hollow Sewer Extensions	SX21025002	Sewer Extensions Along Hwy 1812 Southeast Of Jackson On Shuckey Bean Hollow, Pokie Dot Hollow And Redbird Hollow Rd. Will Provide Service To 21 Homes.
City of Jackson	Wolverine Sewer Extensions	SX21025003	Sewer Extensions To About 50 Homes Northeast Of The City Of Jackson.
City of Jackson	Jackson - Colts Fork/miller Fork/ky 52 Sewer Extensions	SX21025004	Sewer Extensions To Approximately 120 Homes In The Colts Fork, Miller Fork And Hwy 52 Rea West Of The City Of Jackson.
City of Jackson	Jackson - Hwy 30 East Sewer Extensions	SX21025005	Sewer Extensions Along Hwy 30 East To Lick Branch Noctor Road, Including The Julian Carroll Airport. Will Serve About 85 Households.
Kentucky Mountain Holiness Association	Mt Carmel School Wastewater Improvement Project	SX21025359	This Project Will Replace A Failing Wastewater Treatment Plant And Eliminate An Aging Collection System With High I/i.
City of Hardinsburg	Hardinsburg Wastewater System Improvements	SX21027001	Improvements In The Wastewater Collection System To Eliminate Inflow/infiltration And Overflow. The Total Estimated Project Cost Is \$500,000.
City of Hardinsburg	City Of Hardinsburg: sanitary Sewer Evaluation Study (sses)	SX21027003	The City Of Hardinsburg Provides Wastewater Service To Most Residents And Businesses In The City. the Purpose Of Completing A Sanitary Sewer Evaluation Study Is To Identify Areas Of The Sewer System That Need Rehab Or Upgrading. the Total Estimated Project Cost Is \$90,000.
City of Hardinsburg	Breckinridge County/george Bennett Sewer Line Upgrade	SX21027004	The Cities Engineering Consultants Have Prepared A Preliminary Plan And Cost Estimate For A Sanitary Sewer Connection Located On Ky. 992 From George Bennett'S To The Interceptor Sewer. we Are Proposing A 12-Ing Pipe To Alleviate The Overflow Condition At The Existing Manhole In Front Of Bennett'S. the Total Estimated Project Cost Is \$100,000.
City of Cloverport	Cloverport Wastewater Improvements	SX21027005	The Existing Plant Has Problems Meeting The Permitted Fecal Effluent Limits And Is Subject To Periodic High Flows During Rain Events. this Project Will Construct An Equalization Basin To Reduce The Impact Of The High Peak Flows. new Drainage For The Chlorine Contact Tank Will Be Constructed To Allow Operators To Clean The Basin Periodically.
City of Hardinsburg	City Of Hardinsburg: blancett Lake-Airport Road Wastewater System Extension	SX21027006	The City Of Hardinsburg Provides Wastewater Service To Most Residents And Businesses In The City. the Purpose Of This Project Will Be To Extend Wastewater Service To The Blancett Lake - Airport Road Area Of The City Picking Up The 50 Homes In This Area That Are Not Currently Connected To The City System. the Total Estimated Project Cost Is \$707,670.

	Project Title	WRIS	Description
City of Hardinsburg Legal Applicant	City Of Hardinsburg: breckwood Wastewater System Extension	SX21027007	The City Of Hardinsburg Provides Wastewater Service To Most Residents And Businesses In The City. the Purpose Of This Project Will Be To Extend Wastewater Service To The Breckwood Area Of The City Picking Up The 35 Homes In This Area That Are Not Currently Connected To The City System.
City of Hardinsburg	City Of Hardinsburg: gilbert Heights Wastewater System Extension	SX21027008	The City Of Hardinsburg Provides Wastewater Service To Most Residents And Businesses In The City. the Purpose Of This Project Will Be To Extend Wastewater Service To The Gilbert Heights Area Of The City Picking Up The 32 Homes In This Area That Are Not Currently Connected To The City System.
City of Hardinsburg	City Of Hardinsburg Sewer System Improvements	SX21027009	The City Of Hardinsburg Is Proposing To Inspect, "tv", Clean, And Repair Problematic Areas Of The Existing Sewer Collection System (including Manholes) To Improve Flow And Reduce Infiltration And Inflow.
City of Lebanon Junction Water Works	Lebanon Junction Sewer Extensions	SX21029001	This Project Consists Of Collector Sewer Extensions To Serve Existing West Main, East Oak, Sanders Lane, Old Boston Road, And Marrison Road Areas. in Addition,the Camp Crescendo Youth Camp Will Be Served By This Extension.
City of Shepherdsville Water & Sewer Department	Shepherdsville Sewer Rehab	SX21029002	Project Is To Repair And Rehabilitate Existing Sewers To Reduce Inflow And Infiltration.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	Cedar Grove - 480 Project	SX21029003	Proposed Gravity Sewer To Serve Unsewered Homes And Eliminate Cedar Grove School'S Pump Station And Force Main.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	Shepherdsville 1020/ Brooks Project	SX21029004	Project To Serve Unsewered Homes And Potential Customers.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	West Side - Kings Forest Project	SX21029005	This Project Will Provide Sewer Service To Unsewered Areas.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	Woodland Acres Package Plant Project	SX21029006	This Project Is The Removal Of A Failing Package Plant.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	44 East Sewer Project	SX21029007	Gravity Sewer Project To Eliminate Failing Septic Systems And Serve Approximately 200 Homes.
CITY OF SHEPHERDSVILLE WATER & SEWER DEPARTMENT	Shepherd	SX21029008	Project Will Serve Unsewered Customers Within The City Limits.
City of Shepherdsville Water & Sewer Department	Shepherdsville Regional Interceptor Sewer Line	SX21029009	Project Will Provide Regional Sewer Service For The Salt River Watershed. interceptor Could Potentially Serve Portions Of Mount Washington. possible Interconnections With Bullitt County Sanitation District. Serve 1300 Households.
City of Lebanon Junction Water Works	Hwy 61 From Elementary School To Massey Road Area	SX21029010	This Project Consists Of Two Lift Stations And 7,920 Linear Feet Of Eight Inch Sewer Ine To Pick Up 28 Homes That Are Persently On Failing Septic Tanks.
City of Lebanon Junction Water Works	S. Sanders Lane To Old Boston Road Picks Up Maraman Road	SX21029011	This Product Is Two Lift Stations And 8,976 Linear Feet Of 8 Inch Sewer Main. it Will Serve Twenty-Five Homes That Are On Failing Septic Tanks.
City of Lebanon Junction	W. Airport Road Thru Denice Road Tie Into Main Street And Pick Up Newton Road	SX21029012	This Product Is Two Lift Stations And 9,000 Linear Feet Of Eight Inch Sewer Main To Serve Thirty-Four Homes. additionally, Two Subdivisions Planned In The Area For Future Development With Approximately Fifty More Homes.
City of Lebanon Junction	Hwy 434 From Sweats Home To River Bridge	SX21029013	This Project Is 4,752 Linear Feet Of Four Inch Line And One Lift Station And Possibly A Few Small Grinder Pumps. this Will Eliminate Fifteen Septic Tanks.

	Project Title	WRIS	Description
Bullitt County Sanitation District Legal Applicant	Hillview Wastewater Treatment Systems	SX21029014	The Project Is For Improvements To The Hillview Wastewater Treatment Systems Nos. 1,2, And 3 Which Are All Owned And Operated By The Bullitt County Sanitation District. part 1 Of The Project Is Repair Of 6,600 Feet Of 8", 10", And 12" Sewer And 24 Laterals. these Pipers And Laterals Have Open Joints And Cracked Pipes Which Allow Excessive Infiltration/inflow To Enter The Sewer System. this Excessive Ill To These Sewer Causes Pumping Stations To Overflow And Treatment Plants To Become Overloaded. part 2 Of The Project Is The Purchase Of Portable Sludge Dewatering Equipment For Use At The Hillview Wastewater Treatment Plants Nos. 1, 2, And 3. the Equipment Will Include A Trailer Mounted Belt Filter Press, All Accessory Equipment And A Truck To Move The Equipment And Sludge Must Be Trucked In Liquid Form To Another Treatment Plant For Processing And Disposal. the Total Project Cost Is Estimated To Be \$694,000.
Bullitt County Sanitation District	Willabrook Wastewater Treatment Plant Expansion	SX21029015	The Project Is An Expansion Of The Willabrook Wastewater Treatment Plant. the Willabrook Plant Provides Sewer Services To Commercial Developments In All Four Quadrants Of The I-65 Brooks Interchange. the Bullitt County Sanitation District Has Recently Contracted To Purchase This Sewer System And Treatment Plant, And Will Take Possession Of Teh System Upon Approval By Psc. the Willabrook Treatment Plant Has A Capacity Of 120,000 Gallons Per Day To 240,000 Gallons Per Day. this Additional 120,000 Gallons Per Day Capacity Will Be Available To The Public To Serve New Residential, Commercial, Or Industrial Development In The Vicinity Of The I-65 Brooks Interchange. the Existing Willabrook Treatment Plant Will Be Expanded By Construction Of Another 120,000 Gallon Per Day Extended Aeration Package Treatment Plant, With Appropriate Accessories By Constructction Of A 240,000 Gallon Per Day Rapid Sand Filtration System To Serve Both The Existing And New System Capacity And By Removal Of An Existing Polishing Lagoon To Make Space For The New Treatment Units. the Total Project Cost Is Estimated To Be \$942,000.
City of Mt Washington	City Of Mt Washington Treatment Plant Expansion	SX21029016	Increase Size Of Wastewater Treatment Plant To 3.5 Mgd, Peak Flow 21.0 ,upsie U-V & Channel .new Oxidation Ditches, Clarifer & Filter , Aeration Ladder, Pumps & Headworks
City of Shepherdsville	Shepherdsville Southern Interceptor	SX21029017	The Project Involves The Installation Of Approximately 40,000 Linear Feet Of 18" To 30" Gravity Sewer, One Force Main, And One Pump Station (3mgd). Project Will Be Served By The City Of Shepherdsville Wastewater Treatment Plant On Old Ford Road Which Will Also Be Expanded With This Project. Sanitary Sewer Service Will Be Available Along Highway 61 From Shepherdsville South To Nearly The Intersection Of Ky 245 And Ky 61. Service Will Also Be Provided East Parallel To Ky 245 To Jim Beam Along An Unnamed Tributary To The Salt River. Estimated Cost: \$17.5
City of Mount Washington Water and Sewer	Mt Washington Sewer Interceptor Line	SX21029018	Increase Size Of Line To Treatment Plant Sewer Mains To Stop Over Flow Problem From Sewer Pumping Stations.
City of Mount Washington Water and Sewer	Mt Washington Sewer Interceptor Line	SX21029018	Increase Size Of Line To Treatment Plant Sewer Mains To Stop Over Flow Problem From Sewer Pumping Stations.
MORGANTOWN MUNICIPAL UTILITIES	Morgantown -	SX21031	
BUTLER COUNTY WATER SYSTEM, INC.	Aberdeen Area Sewer - Butler County Water System	SX21031002	Approximately 13,000 Lf Of 8" Gravity Sewer And 11,700 Lf Of 4" And 6" Forcemain With 3 Liftstations; All To Serve An Area North Of Green River.
BUTLER COUNTY WATER SYSTEM, INC.	Hwy 231/hwy 79s Area Sewer	SX21031003	Approximately 19,000 Lf Of 8" Gravity Sewer And 3,600 Lf Of 6" Forcemain With 1 Liftstation; All To Serve An Area South Of Morgantown
BUTLER COUNTY WATER SYSTEM, INC.	Logansport Area Sewer- butler County Water System	SX21031004	Approximately 2,700 Lf Of 8" Gravity Sewer And 1,700 Lf Of 4" Forcemain With 1 Liftstation; All To Serve An Area East Of Morgantown.

	Project Title	WRIS	Description
CITY OF MORGANTOWN	Morgantown - North Tyler Street Sewer Extension	SX21031005	Project Will Extend 2,000 Lf Of 8-Inch Pvc Gravity Mains On North Tyler Street To Provide City Sewer To Residences On Septic Tanks.
CITY OF MORGANTOWN	Morgantown - Sawmill Road Sewer Extension	SX21031006	This Project Will Extend 2,500 Lf Of 8-Inch Pvc Gravity Main On Sawmill Road To Provide City Sewer To Residences On Septic Tanks
BUTLER COUNTY WATER SYSTEM, INC.	Bcws - Needmore Area Sewers Legal Applicant	SX21031008	This Project Consists Of Approximately 6.75 Linear Miles Of 8-Inch Sewer Force Main And One Sewer Lift Station To Serve The Needmore Community Of Butler County. this Sewer Would Serve Areas Adjacent To A Potential Interchange At The Intersection Of The William H. Natcher Parkway And Ky Hwy 3182. these Facilities Would Be Owned And Operated By The Butler County Water System.
CITY OF MORGANTOWN	Morgantown - Sewer Main Infrastructure Replacement/repair To Sewer Plant	SX21031009	This Project Will Replace/repair And Increase Sewer Flow Capacity On A Deteriorating Undersized 12" Clay Sewer Main And Sewer Manholes That Is The Major Line That Delivers Wastewater From Morgantown To The Morgantown Wastewater Plant. there'S 4,950 Lf Of 12" Clay That Needs To Be Replaced/repared With 12" Or More Pvc Gravity Main.
City of Morgantown	Morgantown Sanitary Sewer Infiltration Project- phase I	SX21031010	Repairs To Existing Sewer Systems. No Expansions Or Process Modifications.
City of Princeton	Princeton - Waste Water System Improvements	SX21033002	This Project Will Replace 5,500 +/- Lf Of 6" Clay Sewer Main With 6" Pvc In The Dixie Heights Subdivision And Rehabilitate 17 Manholes To Reduce Inflow And Infiltration. The Project Will Benefit 50 Homes.
Princeton Water and Wastewater Commission	Princeton-Caldwell Industrial Park Sewer Main	SX21033003	This Project Includes 344Lf Of 8" Pvc Sewer Main To Serve The Hydro Gear Industrial Site In The Princeton-Caldwell County Industrial Park.
Princeton Water and Wastewater Commission	Princeton - Sewer System Evaluation	SX21033004	This Project Will Include The Cleaning, Televising And Inspection Of The Princeton Sewer System (105,000 Lf) +/- to Determine Inflow And Infiltration. The Project Will Also Include Smoke Testing And Flow Monitoring. The Completion Of This Project Is Needed To Identify And Prioritise Areas Of The Sewer System Which Are In Need Of Rehabilitation.
City of Murray	Murray-South 641 Connection	SX21035002	The Sewer Line Will Connect The Cities Of Hazel And Murray Along Us 641. the Line Will Enable The City Of Hazel To Lift Its Tap On Ban And Acquire More Customers. the Line Will Provide The City Of Hazel The Ability To Grow And Attract More Businesses To The Area. the Line Will Also Pick Up Customers Along Us 641. nine Miles Of 8" Gravity Feed And 7 Pump Stations.
SOUTH 641 WATER DISTRICT	South 641 Water District-Elimination Of Pump Station To Gravity Feed	SX21035007	The Pump Station Needs To Be Removed-If Possible-And Replace The 4" Force Mains To 8" Gravity Feed Of 2000 L.f. this Will Eliminate Both Manhole And Lift Station Overflows.
SOUTH 641 WATER DISTRICT	South 641 Water District-System Rehab	SX21035008	The District Has Completed A Regional Facilities Plan And This Project Addresses The Recommended Improvements. The Project Calls For The Rerating Of The Existing Lagoon, Various Improvements To The Treatment Process, Replacement Of The Influent Lift Station And Rehabilitation To The Worst Portions Of The Collection System. a Study Will Need To Be Conducted In Order To Adequately Determine The Portions Of The System In Need Of Ill Reduction. a Portion Of The Funds For The Project Will Include Engineering Fees For Planning, Design, And Inspection. the District Has Part Of The Funding In Place From A Special Appropriations Grant Through Epa And A Cdbg Grant.
City of Murray	City Of Murray-Us 641-Hwy 80 Sewer Ext.	SX21035009	A Re-Alignment Of Ky 80 Will Run Through A Portion Of Two Industrial Parks And Provide Growth To An Area Currently Not Served. this Project Calls For 8,280 Ft Of Collection Lines And 15,840 Ft. Of Interceptor Lines For The Intent To Provide Sewer Service To The Property.

	Project Title	WRIS	Description
CITY OF MURRAY Legal Applicant	Murray-Phase Five Rehab Project North Of Murray	SX21035012	Sewer Repairs Are Needed For Residential Areas Northeast Of Murray. this Project Is Phase 5 Of Our Continued Effort To Upgrade And Repair Existing Sewer Services In The City. the Project Will Consist Of Tv/camera Work Of The Sewer Mains, Rehab Engineering, And Replacing Services, Mains, And Cured-In-Applications.
CITY OF MURRAY	Murray-Phase Six Rehab Project South Of Murray	SX21035013	Sewer Repairs Are Needed For Residential Areas South Of Murray. this Project Is Phase 6 Of Our Continuous Effort To Upgrade And Repair Existing Sewer Services In The City. the Project Will Consist Of Tv/camera Work Of The Sewer Mains, Rehab Engineering, And Replacing Services, Mains, And Cured-In-Applications.
CITY OF MURRAY	Murray-Phase II Sherwood Forest Interceptor From Saratoga Springs Unit 2	SX21035014	Approximately 3,000 Feet Of Twelve-Inch Sewer Interceptor Will Be Constructed To Serve A Proposed Subdivision On The Southwest Side Of Murray. This Project Is The Second Phase Of A New Interceptor That Serves New And Proposed Residential Developments Southwest Of Murray. This Project Will Provide Sewer To 130 Lots.
CITY OF MURRAY	Murray-Southwest Annexation Sewer Extension	SX21035015	This Project Will Consist Of Providing Sewer To Three Existing Subdivisions On The Southwest Side Of Murray. These Property Owners Have Requested To Be Annexed Into The City Limits.
CITY OF MURRAY	Murray - Gatesborough Interceptor Sewer	SX21035016	Project Will Consist Of Replacing 8500 Feet Of Undersized Sanitary Sewerline, A Condition By The Department Of Water (dow) In Approving A Previous Sewer Project. due To Increased Development In The Gatesborough Development, The Line Size Needs Increased. the Larger Sewerline Will Allow For Future Development In The Area
CITY OF MURRAY	Murray - Saratoga Farms Sewer Extension	SX21035017	Project Will Consist Of 2800 Linear Feet Of 8" Pvc Sanitary Sewerline And Six 4' diameter Manholes. it Will Eliminate The Need For 17 Septic Systems And Allow For Future Development For The Unserved Area.
City of Murray	Murray - Industrial Park Lift Station Upgrade	SX21035018	This Project Consist Of Installing (2) New Pumps And Pump Retrieval Systems, New Control Panel, New Wet Well Top Slab/hatches And A New 3 Phase, 480 Volt Service And Generator,along With Other Associated Needs To Ensure Optimal Performance.
City of Murray	Murray - Phase 7 Sewer Rehab	SX21035019	This Project Is Phase 7 Of Our Continuous Effort To Upgrade And Repair Failing Existing Sanitary Sewer Lines Within The City. This Will Help Eliminate Inflow/infiltration To The System. Project Consist Of Tv/camera Work Of The Mains, Engineering, Replacement And Cured-In-Place Rehabilitation Of Damaged Sewer Mains.
City of Murray	Murray - Affordable Housing Sewer Line Initiative	SX21035020	This Project Will Provide Affordable Housing By Cost Sharing With Developer For Sanitary Sewer Infrastructure In New Housing Subdivision By Reducing Development Cost.
City of Murray	Murray - Clarks River Lift Station Upgrade	SX21035021	This Project Consists Of Renovating The Existing Building Housing The Lift Station Pumps And Equipment And Installing An Upstream Debris Collection Box With Bar Gate.
City of Murray	Murray-Brinn Rd Sanitary Sewer Extension	SX21035022	This Project Consists Of 1644 Lf Of 8" Sanitary Sewer Lines To Service 14 Existing Homes And Therefore Eliminating The Need For Septic Systems And The Potential For Groundwater Contamination.
City of Alexandria	Alexandria Sewer Line Project	SX21037001	The City Of Alexandria Is Constructing Approximately 9,500 Ft Of 8-Inch Pvc Sewer Line To Connect 69 Homes, Currently Utilizing Individual Septic Systems, To Existing Wwtp. according To Information Provided By Health Department Officials, Many Of These Systems Have Passed Their Useful Life, Resulting In Deposits Of Untreated Septic Onto Properties And Roadways Comprising The Hilly Terrain. the Project Encompasses The Viewpoint Drive, Cedar Lane,and Oakview Drive Areas Of The City.

	Project Title	WRIS	Description
City of Alexandria Legal Applicant	Alexandria Douglas Subdivision Sewer Project	SX21037002	This Project Will Provide Sewer Service To 44 Homes In A Subdivision That Includes Douglas And James Drives. This Area Is Underserved And In Violation Of Dow Nkpdcs. residents Of This Underserved Area Along With The City Of Alexandria Have Been Working The Last 5 Years For A Permanent Solution. over This Period, There Have Been Several Court Actions On Behalf Of The Residents And Dow. households In This Subdivision Have Been Paying \$150/quarter For Sewer Service That Included An Existing Surge Tank And Treatment Plant Owned By An Individual. proposed Work Will Include A Lift Station And 660 Lf Of 6" Force Main Of Sanitary Sewer From The Existing Treatment Plant East To An Existing Manhole Located On The Southwest Side Of Ky-9 (aa Hwy).
Sanitation District #1 of Northern Kentucky	Sd1 - Campbell Co. Infrastructure Rehab & Water Quality Project	SX21037101	Project To Identify And Isolate Sources Of Storm Water Inflow And Infiltration In The Collection System In Newport. the District Will Complete Improvements Required To Eliminate Sources Of Inflow And Infiltration, Protecting Public Health And The Environment.
City of Newport	City Of Newport - Pavilion Stormwater Upgrade	SX21037102	This Project Will Upgrade The Stormwater Drainage System In The Newport Pavilion Area.
Sanitation District #1	Sd1 - Wilson Waterworks Road	SX21037103	This Project Consists Of Constructing 150 Linear Feet Of New 24" Relief Sewer To Eliminate Basement Backups On Waterworks Rd In Newport. the Existing Line Will Remain To Service The Houses.
	City Of Newport - Misc Storm Water Improvements	SX21037104	Storm Water Rehab
Sanitation District No. 1 of Northern Kentucky	Sd1 - Covert Run Improvements	SX21037107	To Address Long-Standing Flooding Problems On Covert Run In The City Of Bellevue (campbell County), A Project Has Been Developed That Will Involve The Installation Of 1,500-Ft Of New Storm Sewer (various Sizes) And 1,200-Ft Of 18-Inch And 21-Inch Sanitary Sewer. due To The Large Amount Of Underground Utility Work In The Road, A Full-Depth Pavement Section Replacement Has Also Been Included In The Project Scope.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Ft Thomas Neighborhood Rain Garden	SX21037108	In Conjunction With The City Of Fort Thomas, The Northern Kentucky Water District, And A Fort Thomas Community Environmental Organization, Sd1 Has Developed Design Plans For A Neighborhood Rain Garden Having A Total Area Of Approximately 2,000 Sft. this Feature Will Be Located On Water District Property That Is Currently Being Redeveloped As A Neighborhood Park.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Silver Grove Pump Station Improvements	SX21037109	This Campbell County Project Will Route Flow Away From The Sd1 Combined Sewer System Such That It Is Directed To The Recently Completed Eastern Regional Wastewater Reclamation Facility. this Project Will Reduce Sd1'S Modeled Cso Volume By 45 Million Gallons Annually. a Majority Of The Overflow Reduction Will Be Achieved At Cso Locations That Are Readily Accessible To The Public. The Project Consists Of Two New Pump Stations: A 6.0 Mgd Capacity Station Located At The West End Of The City Of Silver Grove And A 3.5 Mgd Station Located Near The Intersection Of Kentucky Routes 8 And 1998. the Force Main Portion Of The Project Includes 27,000-Ft Of 18-Inch And 7,800-Ft Of 12-Inch Diameter Pipe. the Completion Of This Project Will Help Sd1 Fulfill Its Consent Decree Requirements And Would Represent A Major Infrastructure Investment In The Central Portion Of Campbell County
Sanitation District #1 of Northern Kentucky	Sd1 - Eastern Regional Treatment Plant	SX21037200	Project To Construct A New 4.0 Mgd Treatment Plant In Central Campbell County. The Eastern Regional Service Area Encompasses Southern Portions Of Campbell County, Including The City Of Alexandria And The Areas Currently Served By The Pond Creek And S Campbell Industrial Park (kahns) Wastewater Treatment Plants.

				Project Title	WRIS	Description
City of Southgate Legal Applicant				City Of Southgate - Infrastructure Improvement Project	SX21037300	This Project Will Replace Approximately 1156 Feet Of Existing Storm Sewer Piping Believed To Have Been Originally Implemented 70 Years Ago Along Electric Avenue Between Us 27 And Bluegrass Avenue In The City Of Southgate. this Piping Has Collapsed Due To Excess Degradation. this Project Will Also Replace 240 Feet Of 4" Sewer Line On Maple Avenue With A New 8" Line To Repair The Corroded Line That Has Left Raw Sewage From 3 Homes Exposed.
City of Dayton				City Of Dayton - Wastewater Project	SX21037400	The 84" Ohio River Interceptor Is An 84" Sewer, 8,100 Feet Long That Will Significantly Reduce The Combined Sewer Overflows Into The Ohio River. the Current Sewer Is 21" And 24" In Size And Is In Very Poor Condition. the New Sewer Will Act As A Storage Tank To Store The Sewage That Typically Flows Into The Ohio River During Rain Events. the Sewerage Will Then Be Conveyed To The Treatment Plant And Treated.
ARLINGTON DEPARTMENT	WATER AND SEWER		Arlington Sewer Line Rehab-Slip Lining	SX21039000	This Project Serves To Rehabilitate The Remaining Collector Sewer Lines Within The Arlington System. it Will Eliminate Inflow And Infiltration Problems Associated With The Old Clay Tile Sewer Lines Currently Used.	
CARLISLE DISTRICT #1	COUNTY SANITATION		Carlisle Sd #1-Wwtp Surge Basin	SX21039001	The Aeration Basin At The Wastewater Treatment Plant At Bardwell Serves As The Surge Basin To Mitigate The Impacts Of Stormwater Into The System. a Rehab Of The Surge Basin, Including A New Aeration System, Will Improve The Efficiency Of The Basin. in Addition To Work At The Surge Basin, Work Will Be Done On The Pumping And Piping System That Transports The Stormwater Infiltration And Inflow And Wastewater To The Basin. pump And Piping Work Will Include The Rehabilitation Of Force Mains, The Construction Of New Force Mains, Rehabilitation And/or Replacement Of Pump Stations, And The Construction Of New Pump Stations.	
CARLISLE DISTRICT #1	COUNTY SANITATION		Carlisle Sd #1-Phase Iii-Milburn Force Main/collector System	SX21039002	This Project Is Phase III Of The Regional Sanitary Sewer Plan. this Project Will Provide Sanitary Sewer To Approximately 130 Customers In An Area That Is Designated Low To Moderate Income. this Project Will Help Eliminate Septic Systems That Are Ineffective And Pose A Risk To The Environment And To The Health Of The Citizens.	
CARLISLE DISTRICT #1	COUNTY SANITATION		Carlisle Sd #1-Cunningham Collector System	SX21039003	This Project Is A Portion Of Phase II Of The Regional Sanitary Sewer System That Was Started In 1998. this Project Will Provide Sanitary Sewer Service To The Community Of Cunningham. this Will Eliminate The Use Of Septic Systems That Are Ineffective And Pose A Risk To The Environment And To The Health Of The Citizens.	
CARLISLE DISTRICT #1	COUNTY SANITATION		Carlisle Sd #1-Cunningham Force Main	SX21039004	This Will Be A Portion Of The Planned Phase II Of The Regional Sanitary Sewer In Carlisle County. this Project Will Include Approximately 42,500 Linear Feet Of Force Main From The City Of Bardwell To The Community Of Cunningham.	
BARDWELL CITY UTILITIES				Bardwell City Utilities-Repair And Replace Sewer Mains	SX21039005	The City Of Bardwell Has Aging Infrastructure And The Sewer Mains Are In Need Of Repair And/or Replacement To Reduce Inflow And Infiltration.
CARLISLE COUNTY S.D. #1				Carlisle S.d. #1-Pump Station Upgrade	SX21039006	The Carlisle County Sanitation District #1 Needs A Larger Effluent Pump Station, Which Will Assist In Handling Larger Flows. this Will Help The Overall Efficiency Of The System, And Help Accomodate Future Expansion.
CITY OF BARDWELL				Bardwell City Utilities-Hillcrest Subdivision Ext.	SX21039007	The City Of Bardwell Has Annexed The Hillcrest Subdivision. they Plan To Provide Municipal Wastewater Service To This Densely Populated Area.
CARLISLE DISTRICT #1	COUNTY SANITATION		Carlisle Sd #1 - Arlington Wastewater Equalization Improvements	SX21039008	This Project Includes The Evaluation And Refurbishment Of The Abandoned Arlington Wastewater Treatment Package Plant Structures So As To Provide The Necessary Storage Of Wastewater During Wet Weather Or Emergency Events. this Project Will Also Include The Abandonment Of An Existing Overflow Pump Station As Mandated By The Epa	

			Project Title	WRIS	Description
CARLISLE DISTRICT #1	COUNTY	SANITATION	Carlisle Sd #1 - Arlington Lift Station #3b Upgrade & Force Main	SX21039009	This Project Involves The Replacement Of The Existing Pumps, Within Lift Station #3b, To Provide The Necessary Capacity To Effectively Transmit The Wastewater Flows. the Proposed Lift Station Project Will Include The Installation Of Approximately 10,000' of 8" Pvc Force Main To Be Laid Generally Parallel To The Existing 6" Pvc Force Main, And Will Terminate At The Existing Lift Station #1 Located On Mill Street In The City Of Bardwell.
CARLISLE DISTRICT #1	COUNTY	SANITATION	Carlisle Sd #1 - Carlisle County Schools Lift Station Replacement	SX21039010	This Project Includes The Replacement Of The Existing 50 Gpm Capacity Airlift-Style Lift Station At The Carlisle County Schools Site Along Ky Highway 1377. the Proposed Project Will Include A New Duplex Submersible, Lift Station And One (1) In-Line Waste Grinder Unit To Handle The Schools Waste Flows
CARLISLE DISTRICT #1	COUNTY	SANITATION	Carlisle Sd #1 - Watson Lift Station Replacement	SX21039011	This Project Will Include The Replacement Of The Existing Watson Lift Station With A New 100 Gpm Capacity Duplex Lift Station, To Be Located Near The Existing Site At The Intersection Of Us Highway 51 And Ky Highway 1377.
CARLISLE DISTRICT #1	COUNTY	SANITATION	Carlisle Sd #1 - Intergrated Telemetry Communications Improvement	SX21039012	This Project Includes The Intgration Of A Telemetry Communications System With The District'S Existing Pump Station Network. this Project Will Allow For The Monitoring Of All Seven (7) Of The District'S Pump Stations From One Centralized Location At The Ccsd #1 Wwtp.
CARLISLE DISTRICT #1	COUNTY	SANITATION	Carlisle Sd #1 - Development Of 201 Regional Facilities Planning Document	SX21039013	This Project Will Include The Development Of A Current 201 Regional Facilities Plan For The District
City of Arlington			Arlington - Emergency Sewer Repair	SX21039014	On January 9, 2008, The City Discovered That A Concrete Support For A 10 Inch Iron Sanitary Sewer Pipe Crossing Hurricane Creek In Arlington Had Been Swept Away By The Creek's Current. as A Result, The Current Caused The Approximately 20 Foot Span Of Pipe To Break In The Bank On Both Sides Of The Creek. the Enforcement Branch Of Division Of Water Was Contacted At The Local Level Because Raw Sewage Was Being Discharged Into The Creek. with Kdow's Guidance, The City Had To Declare The Situation An Emergency And Call In A Contractor To Establish Temporary Provisions To Stop Discharging In The Creek And Make Repairs To The Line. all Told The Project Cost Around \$60,000, Making This A Reimbursement Project. Because Of The Nature Of The Break, The Contractor Had To Dig The Bank Back On Both Sides Of The Creek To Connect The Two Pieces Together. the City, In Compliance With Its Sewer Permit, Addressed This Problem To Stop Degrading The Surrounding Area With Raw Sewage. The City Basically Repaired The Breach With The Same Size Line In The Same Location So The Environmental Impact Is Minimal And Positive When You Consider The Fact That Sewage Was Being Discharged Into The Creek. The City Still Has To Complete Some Cleanup Work On The Banks To Stabilize The Soil.
Carroll County Fiscal Court			Carrollton Utilities - Ghent Wwtp Elimination, Force Main And Gravity Sewer Project	SX21041101	This Project Will Consist Of Constructing 2 Miles Of 6" Force Main That Will Eliminate The Existing Ghent Wwtp. the City Of Ghent Has Agreed To Eliminate The Underutilized Wwtp Once Carrollton Utilities' new Wwtp Becomes Operational. eliminating The Existing Wwtp Will Save The City Of Ghent Significant Cost Since The Plant Is Operating At Less Than Half Of The 0.08 Mgd Capacity And Will Allow The City To Get Out Of The Sewer Business. the Project Will Also Entail Upgrades To 2 Existing Pump Stations And The Addition Of A Scada System And Provide Gravity Service To 10 Homes On Burley Estates Road.

	Project Title	WRIS	Description
Carroll County Fiscal Court Legal Applicant	Carrollton Utilities - Easterday/Lock Road Sanitary Sewer Project	SX21041102	This Project Will Consist Of Constructing 4 Miles Of 4" Force Main And A Regional Pump Station That Will Eliminate The Failing Greenacres Mobile Home Park(kpdes# 0033413) Package Treatment Plant In Easterday. the Package Plant Owner Is Currently Under Agreed Order With Ky Dow To Eliminate Their Wwtp. the Project Will Serve An Existing 40 Home Mobile Home Park And About 60 Homes Bordering General Butler State Park As Well As Other Customers In The Vicinity Using Failing Septic Systems.
Carroll County Fiscal Court	Carrollton Utilities - 2009 Carroll County Sewer Project	SX21041103	This Project Will Construct Sanitary Sewers To Serve The English Community And Other Developing Areas Near The I-71/KY 389 Interchange, Providing New Service To 122 Unserved Households.
Carroll County Fiscal Court	Carrollton Utilities - Harbor Point Sewer Extensions	SX21041104	This Project Will Provide Sanitary Sewers To 10 Existing And 22 Potential Households In The Harbor Point Development. sewage Will Be Pumped Along 42 To An Existing Manhole In Prestonville. all Flows Will Be Treated At The Carrollton Regional Wwtp.
City of Carrollton	Carrollton Utilities - Carrollton Sewer Extensions	SX21041105	The Project Consists Of Several Small Sewer Extensions Within The City Of Carrollton. this Will Allow 21 Households To Connect To The Municipal Sewer System.
Carroll County Fiscal Court	Carrollton Utilities - Greens Bottom Sanitary Sewer Project	SX21041108	The Project Will Eliminate Approximately 27 Septic Systems In The Greens Bottom / Sandlin Road Area Near English, KY In Carroll Co. approximately Half The Homes Are In The Area Next To The Kentucky River. the Project Will Include A Combination Of Gravity Lines And Two Pump Stations. the Force Main Can Be Used To Pick Up Additional Homes On Greens Bottom Road And Will Be Available To Several Large Undeveloped Tracts. the New Sewer System Will Discharge Into The New Force Main From Campbellsburg. the Greens Bottom / Sandlin Road Area Was Developed Between The Kentucky River And I-71. since The Area Is So Flat And The House Lots Small, Traditional Septic Systems Have Little Or No Repair Areas Available For Septic Field Replacement. the Close Proximity To The Kentucky River May Mean That Some Of The Homes Have Straight Pipes To The River.
Carroll County Fiscal Court	Carrollton Utilities - Vanity Fair/Wells Project	SX21041110	This Project Will Construct Gravity Sewer Lines To Eliminate 4 Troublesome Grinder Pump Stations That Serve 12 Commercial Business Locations And A Church. it Will Also Provide Gravity Service To 2 Large Vacant Tracts Of Land Ideal For Development.
Carroll County Fiscal Court	Carrollton Utilities - National Guard Armory Scada System	SX21041111	The National Guard Armory Is Experiencing Frequent Sewer Backups In The Building Especially Now That The Unit Has Returned From Deployment. a Scada System And A Sewer Extension Of The General Butler State Park System Is Needed To Prevent The Backups From Reoccurring.
City of Carrollton	Carrollton Regional Wastewater Treatment Plant	SX21041200	This Project Is The Final Phase Of A Regional Sewer Collection And Treatment System That Will Serve At Least Seven Cities And Parts Of Four Counties. the Project Is Necessary To Provide Treatment Capacity For All Those Entities Involved And Future Capacity To The Communities Which Have A Strong Potential To Develop From A Commercial And Residential Perspective. the Project Will Also Make Sewer Service Available To Rural Areas Of The Counties And Thus Eliminate An Unknown Number Of Failed Septic Systems. upgrade From 6" To 10" Force Main From Worthville To The Regional Treatment Interconnect On Hwy 227. The Force Main Serves Worthville, Sanders, Sparta, Glencoe Kentucky Speedway And 3 Interstate Interchanges. upgrade Mason Street Pump Station And Force Main In Carrollton.
City of Grayson Utilities Commission	Grayson: rt 1, Rolling Hill To Diamond Gates Project	SX21043002	Install New Sanitary Sewer In The Unserved Area Between Rolling Hill To Diamond Gates To Provide Service To 15 Homes.

	Project Title	WRIS	Description
City of Grayson Utilities Commission	Grayson: rt 7 To Landsdowne Subdivision	SX21043003	Build New Sewer Line Along Rt 7 To The Landsdowne Subdivision To Pick Up 30 Unserved Homes.
City of Grayson Utilities Commission	Grayson: us 60 West To Sunset Hills	SX21043004	Install A New Sewer Line In An Unserved Area Of 80 Homes.
City of Grayson Utilities Commission Legal Applicant	Grayson: us 60 East To Damron Mayo Subdivision	SX21043005	Extension Of Approximately 7,000 Lf Of 8-Inch Sanitary Sewer, And One New Lift Station Along Us 60 And Damron Mayo Road To 55 Unserved Households. estimated Cost Is \$550,000
City of Grayson Utilities Commission	Grayson: valleyview Subdivision	SX21043006	Install New Sewer Lines In An Unserved Area Of 70 Homes.
City of Grayson Utilities Commission	Grayson: ky 1947 To Hidden Subdivision & Corral Park	SX21043007	Install New Sewer Lines In An Unserved Area Of 60 Homes.
City of Grayson Utilities Commission	Grayson: upgrade And Extend Sewer Line Around Ralph'S Supermarket	SX21043008	Abandon About 400 Feet Of Clay Pipe Running Beneath Ralph'S Supermarket And Route A New 910 Foot Line Of 12" Pvc Around The Market. connect With This New 12" Pvc And Run A New 575 Foot Line Of 8" Pvc To An Underserved Area.
City of Olive Hill	Olive Hill: henderson Branch Road Project	SX21043009	Provide New Sewer Line From City Limit To I-64 (2.5 Miles) And One Pump Station At For End At I-64. last 2 Miles Into Town Is Gravity Feed.
City of Olive Hill	Olive Hill: blueberry Ridge Road	SX21043010	Extend Sewer Line Out Blueberry Ridge Road - 3 Miles. project Will Provide Service To 239 Unserved Households For An Estimated Cost Of \$475,200
City of Olive Hill	Olive Hill: clark Hill Project	SX21043011	Install Approximately 2 Miles Of Sewer Line To Service 239 Residences Currently On Failing Septic Systems That Are Spilling Out Onto The Ground.
City of Olive Hill	Olive Hill: college Hill Project	SX21043012	Replace Clay Pipe In Existing System And Extend New Line To Service Entire Subdivision.
City of Olive Hill	Olive Hill: zimmerman Hill Project	SX21043013	Replace Clay Pipe In The Zimmerman Hill Area To Alleviate The Ill Problem.
City of Olive Hill	Olive Hill: strawberry Lane Project	SX21043014	Replace Clay Pipe Of An Old Private System And Tie It Into The City System. the City Currently Bypasses This Systems Ptp And Picks Up The Sewage, But The Clay Pipe Allows Too Much Ill And The Ptp Still Needs To Be Removed.
City of Olive Hill	Olive Hill: sparks Avenue Project	SX21043015	Replace Clay Pipe With Pvc To Alleviate The Ill Problems. project Will Affect 15 Underserved Households For An Estimated Cost Of \$68,000
City of Olive Hill	Olive Hill: irwin Road Sewer Project	SX21043016	Install Approximately 1 Mile Of New Sewer Line Along Irwin Road. project Will Affect 20 Households And Require Approximately 9,240 Lf Of Pipe For An Estimated Cost Of \$100,000
City of Olive Hill	Olive Hill: rehab Of City Lines To Replace Clay Pipe	SX21043017	Replace Clay Pipe In Zimmerman Hill, Jordan Heights, Sparks Avenue And Mills Street. project Will Affect 115 Households And Cost An Estimated \$541,800
City of Olive Hill	Olive Hill: woodland Subdivision Sewer Project	SX21043018	Provide New Service To The Woodland Subdivision Picking Up 28 Customers With Approximately 5200 Linear Feet Of Line For An Estimated Cost Of \$250,000
Olive Hill Sewer Treatment Plant	Olive Hill Cemetery Road Project	SX21043020	Run A 6" Sewer Line Beginning At Cemetery Rd Running Westward Parallel To Rt60 To Samatha Street. proceed Southward To The Bottom Of A Ravine Surrounded By Residences. the Line Will Gravity Feed Into A New Pump Station At The Bottom Of The Ravine Which Will Then Feed Into An Existing Sewer Line At Morgan Street.
Grayson Utility Commission	Grayson Sses	SX21043021	Sanitary Sewer Evaluation Study For City Of Grayson To Guide Rehab And Resolve Ill Problems. estimated Cost Is \$90,000
Grayson Utility Commission	Grayson: route 1 Sewer Project	SX21043024	Construct Sewer Line Along Rt 1. project Will Pick Up 50 Unserved Customers For An Estimated Cost Of \$150,000.00
Grayson Utility Commission	Grayson: sewer Improvements And Sses	SX21043025	Finish Sses In Old Grayson Sewers, Extend Sewer To Most Feasible Areas
City of Olive Hill	Olive Hill: facility Plan Update And Feasibility Study To Serve Pleasant Valley	SX21043026	Amend The City Facility Plan To Include Sewer Service In Pleasant Valley For An Estimated Cost Of \$55,000. study Will Gauge The Impact On Commercial Development As Well As Residential Use.

	Project Title	WRIS	Description
City of Olive Hill Legal Applicant	Olive Hill: housing Project Rehab	SX21043027	Housing Project Rehab: replace The Line From The Housing Project Back To The Sewer Treatment Plant. project Will Affect 100 Households, Require 7500 Lf Of Line And Cost An Estimated \$150,000
City of Grayson	Grayson: plantation Subdivision Sewer Extension	SX21043028	Plantation Subdivision Sewer Extension: extend Gravity Sanitary Sewers Into The Plantation Subdivision. project Will Cover 120 Unserved Hhs Requiring An Estimated 11,000 Lf Of 8" Line And Cost \$1,000,000
CITY OF LIBERTY	Liberty East And South Side Sewer Expansion Project	SX21045001	This Project Is Designed To Extend Service To 131 Households In The Subject Area. more Than 90% Of The Funding Has Already Been Obtained, And The Application Is Designed To Fill A Small Funding Gap. the Area To Be Served Is Predominantly Wet Due To Proximity To The Green River Flood Plan And Prevailing Topographic/geologic Conditions.
City of Liberty	Liberty – North Us 127 Collector Sewer Project	SX21045005	Extend Collector Sewer Service To 23 Existing Unserved Homes. all Homes Are Within The City Limits Of The City Of Liberty And Are Currently Served By On-Site Septic Systems. project Is Consistent With Recommendation Of The 1999 Liberty 201 Facility Plan Update.
County of Christian, Kentucky	Christian Co. Fiscal Court - Legion Circle Area Sewer Project	SX21047004	The Legion Circle Area Sewer Project Will Extend Sewer Service And Upgrade The Existing Water System To 153 Homes In That Area. The Legion Circle Area Includes Portions Of Butler Road, Legion Circle, Highland School Road, Johnston Street, Maple Street, Elizabeth Randle Road And Cave Street. The Extension Of Sewer Services Would Eliminate The Septic System Failure That Is Causing Groundwater Contamination And Health Hazards (e-Coli And Shingella) To Residents. Knowledge Of These Hazards Surfaced In 1998 And Remains Unaddressed Due To Funding Constraints. The Project Consist Specifically Of The Following: Extending Gravity Sewers To The Area; Extending Lateral Lines From The Main Gravity Sewers; And Upgrading The Existing 2-Inch Diameter Galvanized Water Mains With 6-Inch Mains That Will Provide Adequate Flow And Pressure For Fire Protection.
Hopkinsville Water Environment Authority	Hwea - Forest Park Blvd. Sewer Extension	SX21047005	Residents Of Forest Park Blvd. In Christian Co. Off Of The Greenville Rd. Near Hopkinsville Are In Need Of Sewers. The Septic Tanks Are Failing And The Lots Are Too Small For Much Remedial Work. There Is Standing Sewage In The Yards And The Residents Fear For Their Health. The Project Would Extend Sewers To 16 Residents Currently On Septic Tanks, And Provide Improved Service To 7 Existing Sewer Customers.
Christian County Fiscal Court	Ccfc/oak Grove Industrial Park Sewer Line Extension	SX21047006	This Project Will Extend Approximatly 6,100 Lf Of Sewer Main, 750 Lf Of Sewer Collection Line And 18 Manholes To Service A New Industrial Park In Oak Grove.
City of Oak Grove	Oak Grove - Derby Park/good Hope Cemetery Road Sewer	SX21047008	This Project Will Extend Approximately 10,380 Lf Of Gravity Sewer Line And 38 Manholes To Service 95 Homes Currently Serviced By Failing Septic Tanks In Oak Grove.
City of Oak Grove	Oak Grove - Spring Meadows Sewer	SX21047009	This Project Will Extend Approximately 21,297 Lf Of Sewer Line And 50 Manholes To Service 95 Homes Currently Serviced By Failing Septic Tanks In Oak Grove And Provide Sewer To A Proposed Commercial Development.
Kentucky DOP Pennyrile Forest State Park	Pennyrile Forest State Park - Sewer Lift Station And Force Main	SX21047012	This Project Will Construct A Lift Station And Force Main With One Or More Pump Stations To Replace The Existing Package Treatment Plant At The Pennyrile Forest State Park And Connect With The Dawson Springs Collection System. The Existing Package Treatment Plant Will Be Removed.

	Project Title	WRIS	Description
Hopkinsville Water Environment Authority Legal Applicant	Hwea Srf Phase V Sewer Project	SX21047013	The Hwea Phase V Will Include Two Projects As Follows: Project #1 Will Construct 2,000 Lf +/- of Gravity Sewer On Pembroke Rd. At Martin Luther King, Jr. Way. Project #2 Will Construct 18,000 Lf +/- of Gravity Sewer, 10,000 Lf +/- of Force Main And 3 Pump Stations Along Canton Pike And Eagle Way From Canton Pike To Cadiz Road. These Projects Will Serve 44 Unserved Customers And Provide Service To 4 Subdivisions With 104 Lots.
City of Oak Grove	Oak Grove - Patton Place Sewer Extension	SX21047014	This Project Will Extend Approximately 2900 Lf Of Sewer Line And 12 Manholes To Service 28 Homes In The City Of Oak Grove That Are Currently Served By Failing Septic Systems.
Hopkinsville Water Environment Authority	Hwea - Srf Phase Vi Sewer Project	SX21047015	The Hwea Phase Vi Includes A Variety Of Sewer Rehab, Sewer Extension And Design Only Projects. Fifteen Gravity Sewer Replacement Projects Totaling 27,000lf, Comentitous Relining Of 100 Manholes And Replacement Of The Foston Chapel Fm Manhole. Three New Gravity Sewer Projects: The Eastern Interceptor 13,000lf, Us68b From Hwy 695 To Hwy 107 12,000lf, Hwy 91 3,000lf To Pick Up Three Subdivisions. Also Included Are Design Only Projects: Eliminate The Northside Wwtp By Diverting Flow To The Hammond-Wood, And 15 Gravity Sewer Replacement Projects Totaling Approximately 15,250 Lf.
Christian County Fiscal Court	Ccfc/hwea Butler Road Sewer Extension	SX21047016	This Project Will Extend Gravity Sewers Approximately 2,550 Lf To Provide Sewer Service To 22 Residences On Butler Road And Schaeffer Street.
Christian County Fiscal Court	Ccfc/hwea Greenville Road Sewer Extension	SX21047017	This Project Will Extend Gravity Sewers Approximately 3,900 Lf To Provide Sewer Service To 24 Residences On Greenville Road And Cave Street.
Christian County Fiscal Court	Ccfc/hwea Russellville Road Sewer Extension	SX21047018	This Project Will Extend Gravity Sewers Approximately 6,400 Lf To Provide Sewer Service To 52 Residences On Russellville Road, Otis Circle And Grand Orchard Street.
City of Hopkinsville	Hopkinsville-Hwea-Trilogy Center/us 68-80 Sewer Extension	SX21047019	This Project Will Extend 1,600 Lf Of 8" Pvc Sewer Main Along The North Right-Of-Way Of Us Highway 68 East Of Hopkinsville, Begining At The Entrance To Western State Hospital And Extending To The East Corner Of The Western State Property. The Project Will Provide A Saitary Sewer Connection For The Trilogy Housing Project Located On The Western State Property.
Hopkinsville Water Environment Authority	Hwea - Srf Phase Vii Sewer Project	SX21047020	The Hwea Srf Phase Vii Encompasses Five Sewer Extension Projects Consisting Of Approximately 73,300 Lf Of Pvc Gravity Sewers; 15 New Sewer Pump Stations; Approximately 26,350 Lf Of Pvc Force Main; Upgrading Four Existing Pump Stations; And Abandoning One Existing Pump Station.
Hopkinsville Water Environment Authority	Hwea - Oak Grove Wwtp And Collection System Purchase	SX21047021	The Hopkinsville Water Environment Authority Is Proposing To Purchase The Oak Grove Wastewater Collection System And Wwtp. The Oak Grove Wwtp Will Be Eliminated Within Five Years. The Project Will Include A Force Main From The Oak Grove System Serving The I-24/us41a Interchange Area To The Hwea Collection System. This Will Immediately Reduce The Flow To The Wwtp And Support The Eventual Routing Of All Wastewater To The Hwea System And Decommissioning Of The Wwtp. This Will Require Approximately 5,200 Lf Of Main And Improvements To The Hwea Pump Station. The Project May Also Include Any Necessary Immediate Improvements To The Oak Grove Collection System And Wwtp.
Winchester Municipal Utilities	Lyndale/calmes Sewer Improvements	SX21049004	Replacement Of Gravity Sewer From Old Boonesboro Road To McClure Road.
Winchester Municipal Utilities	Forest Park Sanitary Sewer Improvements	SX21049005	Construction Of Gravity Sewer To Eliminate Three Sanitary Sewer Pump Stations That Experience Sanitary Sewer Overflows And That Have A High O & M Expense.
Winchester Municipal Utilities	Hancock Creek Backbone Interceptor/pump Station/force Main	SX21049007	Provide Backbone Sanitary Sewer Infrastructure To Serve Existing And Planned Developments In The Hancock Creek Watershed. requires Gravity Sewers, Multiple Pump Stations, And Force Main Sewers.

	Project Title	WRIS	Description
Winchester Municipal Utilities	Wmu-Stoneybrook/lynway Drive Sewer Improvements	SX21049008	Replacement Of Gravity Sewer In Stoneybrook Subdivision From Stoneybrook Pump Station To Lynway Drive.
Winchester Municipal Utilities Legal Applicant	Bel Air Sanitary Sewer Improvements	SX21049010	Construction Of Interceptor Sewer To Eliminate Two Sanitary Sewer Pump Stations That Experience Sanitary Sewer Overflows And That Have High O&m Expense.
Winchester Municipal Utilities	Hoods Creek Backbone Interceptor/pump Station/force Main	SX21049011	Provide Backbone Sanitary Sewer Infrastructure To Serve Existing And Planned Developments In The Hoods Creek Watershed. requires Gravity Sewers, Pump Station, And Force Main Sewers.
Winchester Municipal Utilities	Wmu: Us60/ekp Sanitary Sewer	SX21049012	Sanitary Sewer Extension To Facilitate Dow Ordered Connection Of East Kentucky Power Corporate Facilities To Wmu And Eliminate Package Wwtp Now Serving That Facility.
Winchester Municipal Utilities	Wmu: Industrial Park Sanitary Sewer Improvements	SX21049013	Sanitary Sewer Improvements To Serve New 300+ Acre Industrial Park.
Winchester Municipal Utilities	Wastewater Treatment Plant	SX21049014	Design And Construction Of An 6.0 Mgd Wastewater Treatment Plant. Wmu Is Under A.o. 03060 And Is To Be Constructed And Operational By January 1, 2008. The Construction Of The Wwtpa Will Alleviate Chronic S.s.o. At The Wwtp To A Stream Classified As Impaired.
Winchester Municipal Utilities	Skylark Drive/chickadee Lane/redwing Drive Sanitary Sewer Improvements	SX21049015	Provide Sanitary Sewers To Unincorporated Area Of Clark County. Area Includes 59 Residential Properties Served By Septic Tank Systems, Many Of Which Are Now Failing.
Winchester Municipal Utilities	South Main Street, Two Mile Road, Fair Avenue Sanitary Sewer Improvements	SX21049016	Provide Sanitary Sewer To Unsewered Areas Of Clark County. areas Include 20 Residential Properties Served By Septic Tank Systems, Some Of Which Are Now Failing And 18 Underserved Residences. also, Includes 24 Unit Mobile Home Park.
Winchester Municipal Utilities	Hoods Creek Sanitary Sewer Interceptor	SX21049017	Provide Backbone Sanitary Sewer Infrastructure To Serve Existing And Planned Developments In The Hoods Creek Watershed. requires Bore Under I-64.
Winchester Municipal Utilities	Wmu-Westchester Manor/woodford Estates Sanitary Sewer Improvements	SX21049018	This Project Will Provide Sanitary Sewers To Unincorporated Area Of Clark County. area Includes 64 Residential Properties Served By Septic Tank Systems, Many Of Which Are Now Failing.
Winchester Municipal Utilities	Wmu-Colby Hills Sanitary Sewer Improvements	SX21049019	Provide Sanitary Sewers To Unincorporated Area Of Clark County. area Includes 32 Residential Properties Currently Underserved Or Served By Septic Systems, Many Of Which Are Now Failing.
Winchester Municipal Utilities	Clark County Schools Sanitary Sewer Improvements	SX21049020	Provide Sanitary Sewer Service To The Clark County Schools Soccer Complex At Educational Drive.
Winchester Municipal Utilities	Various Water And Sewer Projects-Hoods Creek Interceptor, Phase I	SX21049021	Hoods Creek Interceptor, Phase I, Will Be The Initial Phase Of The Total Project To Bring Sanitary Sewer Service To The Hoods Creek Watershed And The Area Served By The Northeast Bypass.
Winchester Municipal Utilities	Wayland Heights Subdivision/hancock Valley Sanitary Sewer Improvements	SX21049022	Provide Sanitary Sewers To Unincorporated Area Of Clark County. area Includes 67 Residential Properties Served By Septic Tank Systems, Many Of Which Are Now Failing.
Winchester Municipal Utilities	Lower Howards Creek Backbone Interceptor/pump Station/force Main	SX21049023	Provide Backbone Sanitary Sewer Infrastructure To Serve Existing And Planned Developments In The Lower Howards Creek Watershed. requires Gravity Sewers, Pump Stations And Force Main Sewers.
Winchester Municipal Utilities	Strodes Creek Basic C Parallel Trunk Sewer	SX21049024	Parallel Trunk Sewer To Run From Strodes Creek Wwtp To Madison Avenue.
Winchester Municipal Utilities	East Washington Street And Flanagan Street Sanitary Sewer System Improvements	SX21049025	Replacement Of Existing Sanitary Sewer Along Madison Avenue, Winn Avenue, Maple Street, Main Street, Broadway, Flanagan Street, And Washington Street.
Winchester Municipal Utilities	East Interceptor Sanitary Sewer System Rehabilitation	SX21049026	Rehabilitation Of The East Interceptor Sewer From Strodes Creek Wwtp To Evans Street.
Winchester Municipal Utilities	West Interceptor Sanitary Sewer System Rehabilitation	SX21049027	Rehabilitation Of The West Interceptor Sewer From Strodes Creek Wwtp To Bullion Blvd.

	Project Title	WRIS	Description
City of Manchester Legal Applicant	City Of Manchester -sewerline Extension Project (garrard Area)	SX21051011	The Purpose Of This Is To Construct Sewer Line From A Commercial Strip Along Highway 421 In Manchester, Clay County. This Area Currently Utilizes Septic Type Systems For Their Sewage Treatment Needs. Many Of These Systems Are Incapable Of Proper Treatment And Thus The Area Is Susceptible To Foul Odors And The Untreated Waste Flows On Top Of The Ground Into Goose Creek. Within One And One Half Mile Down Stream, The City Of Manchester Has A Water Intake Pulling This Contaminated Water Into The Water Treatment Plant.it Is Critical That This Area Receive A Long-Term Environmentally Sound Solution To The Sewage Problems.
City of Manchester	City Of Manchester Unserved Areas(455)	SX21051031	455 Residences Around The City Of Manchester
City of Manchester	City Of Manchester Wastewater Extension (30)	SX21051034	Section Of Ky 2076
City of Manchester	City Of Manchester Horse Creek And Greasy Branch(324)	SX21051037	Extension Of Sewer Lines To Horse Creek And Greasy Branch
City of Manchester	City Of Manchester Lockards Creek Area Wastewater Extension (186)	SX21051039	Extension To The Lockards Creek Area Of Clay County
Elk Hill Regional Industrial Authority	Elk Hill Regional Industrial Park Sewer Project	SX21051043	This Project Includes The Construction Collection Facilities For Wastewater To Serve A New Approximately 1,000 - Acre Regional Industrial Park Located In Clay County, Kentucky. The Wastewater Will Be Pumped To The City Of Manchester'S Wastewater Treatment Plant For Treatment.
City of Manchester	Wastewater System Extensions-Phase 3 - Island Creek/charlie Sizemore Road	SX21051044	Sanitary Sewer Service Extensions Into The Island Creek Area Along Charlie Sizemore Road. Serves 70 Customers That Have Failing On-Site Disposal Systems/straight Pipes.
City of Manchester	Wastewater System Extensions - Phase 2b - Garrard	SX21051045	Sanitary Sewer Service Extensions Into The Garrard Area. Serves 55 Customers That Have Failing On-Site Disposal Systems/straight Pipes.
Unite	Chad	SX21051046	This Project Consists Of A 10,000 Gpd Wastewater Treatment Plant. This Plant Is To Serve Chad'S Hope Center Which Is A Drug Rehabilitation Center.
City of Manchester	Clay County Health Department Sewer Service	SX21051047	The City Of Manchester Will Extend Sanitary Sewer Service To The New Clay County Health Department On Shamrock Hill Road. The Project Will Include A 60 Gpm Pump Station And 2,000 Feet Of 3-Inch Force Main. The Force Main Will Empty Into An Existing Manhole That Is Part Of The Manchester Collection System.
Red Bird Mission	Red Bird Mission Wastewater Plant Replacement	SX21051048	Replacement Of Two Deteriorating Plants By Construction Of One New Unified Plant. Refurbishments Of Two Lift Station & Construction Of New Lift Station In Place Of Smaller Of The Two Plants Being Replaced.
City of Albany	Albany Wastewater Treatment Plant Improvements	SX21053003	This Project Involves The Addition Of An Oxidation Ditch And The Construction Of Larger Clarifiers. the Wwtp, Now Rated At 0.45 Mgd, Will Probably Be Expanded To 0.8 Or 0.9 Mgd, And Some Land Acquisition Will Be Necessary To Build The Required Facilities. the Project Will Eliminate Certain Wwtp Inadequacies That Have Existed For Some Time And Provide For Necessary Expansion. preliminary Engineering For The Project Is Continuing, And The Project Components May Change, Slightly, Based On The Final Engineering Report.
City of Albany	Albany Lift Station Renovation	SX21053006	Project Consists Of Renovation 10 Lift Stations Located Throughout The City'S Sewer Collection System.
City of Albany	Albany Phase 2 Wastewater Treatment Plant Expansion & Improvements	SX21053007	Project Consists Of Expanding The Wastewater Treatment Plant From The Current Capacity Of 450,000 Gpd To The Proposed Capacity Of 900,000 Gpd. This Second Phase Of Expansion And Improvements Consists Of Developing A Third Process Train To Parallel The Two Process Trains That Are A Part Of The Phase 1 Improvements.
City of Albany	Albany Water Treatment Plant Sludge Conditioning System	SX21053008	Project Consists Of Developing A Filter Belt Press To Treat The Waste Sludge At The City'S Water Treatment Plant.

	Project Title	WRIS	Description
City of Albany	Albany/clear Creek Sewer System Renovation	SX21053009	Project Consists Of Replacing 2,400 Lf Of The City'S 16 Inch Sewer Interceptor And 3,400 Lf Of 8 Inch Collector Sewer Lines.
City of Albany	Albany/grider Hill Facility/lake Cumberland Sewage Transport System	SX21053010	Project Consists Of 38,000 Lf Of 4" Force Main, Marina Sewage Transport System And 3 Lift Stations. Start Date 0-2 Years, Estimated Costs \$736,000.
City of Albany	Albany – Dale Hollow Lake Sewage Transport System	SX21053011	Project Consists Of 39,000 Lf Of 4" Force Main, Marina Sewage Transport System And 3 Lift Stations That Will Provide Wastewater Collection For The Dale Hollow Lake. Start Date 0-2 Years, Estimated Cost Is \$1,050,000.
City of Albany	Albany – Foothills Academy Sewer Force Main Extension	SX21053012	Project Consists Of Approximately 35,000 Lf Of 6-Inch Sewer Force Main And 1 Lift Station. the Proposed Force Main Will Connect The New Lift Station To City Sewer System.
City of Marion Legal Applicant	Marion Wastewater System Improvement Project - Phase I	SX21055001	This Project Will Repair Leaks And Seepages Within The Sewer System And Wwtp. The City Is Currently Working On A Sewer System Evaluation Survey (sses) To Locate Areas In Which Extraneous Water Is Seeping Through Cracks In The System And Causing Infiltration And Inflow Problems. Any Remaining Funds Wuill Be Used To Extend Sewer In The Rudd/hart Subdivision. This Will Be Done With The Use Of Grinder Pumps And 2" Force Mains To Provide Service To 135 Households.
City of Marion	Marion - Wastewater Extension Phase I	SX21055002	This Project Will Provide Sanitary Sewer To Unsewered Areas Within The City Limits Of Marion By Means Of Individual Lift Stations At Each Residence In Need Of Connection. Each Connection Will Include A 2" Pvc Forced Sewer Main To Deliver The Sewage To Existing Gravity Flow Sewer Mains Near The Unsewered Areas. This Project Should Effect 135 Households. The Project Will Also Include Sewer Rehabilitation Work Within The Collection System And Wwtp With Any Remaining Funds.
City of Marion	Marion - North Industrial Park Sewer Main	SX21055003	This Project Will Extend 300 Lf Of 8" Pvc Sewer Main To Industrial Sites Located In The Marion North Industrial Park.
Cumberland County Water District	Cc wd – Marrowbone Community Sewage Collection System	SX21057001	This Project Consists Of 19,500 Feet Of 8-Inch Gravity Sewer Lines That Will Serve 110 Residences All Located In The Marrowbone Community Of Cumberland County. sewage Will Be Transported To The City Of Burkesville For Treatment At Their Wastewater Treatment Plant.
Regional Water Resource Agency	Broad Acre Sewer Extension	SX21059006	This Project Will Extend 8 Inch Sewer Collector Mains In The Broad Acre Subdivision To Serve Approximately 65 Homes.
Regional Water Resource Agency	Riverside & Highlands Subdivisions, Cinderalla Drive, & Coastguard Lane Sewer Extensions	SX21059007	This Project Will Provide Sewer Service To The Riverside Subdivision And Along Coastguard Lane. this Project Will Extend 8 Inch Collector Sewer Mains To The Highland Subdivision.
City of Whitesville	Whitesville Treatment Plant Upgrade	SX21059008	This Project Involves Upgrading The Aerator, Outfall Aeration Ladder, And Ultra-Violet Disinfection System At The City'S Wastewater Treatment Plant. city Is Also Planning To Reline Approximately 10 Manholes Throughout The System. system Rehab And Improvements Include But Are Not Limited To: engineering Studies, Testing, Gravity Collection Lines/system, Pumping Stations, Force Mains, Pre-Treatment, Treatment Plant Upgrades, Post-Treatment Of The Municipal Sewer System.
Regional Water Resource Agency	Locust St. Tunnel Sewer Outfall Improvements	SX21059009	This Project Will Connect The Locust St. Tunnel Sewer System Outfall To The Ravin Sewer System. this Will Reduce Basement Back-Ups From The Locust St. Tunnel Sewer System.
Daviess Co. Fiscal Court	Soccer Complex Sewer Connection	SX21059013	This Project Will Connect The New Soccer Complex Located On Fairview Dr. To The Sanitary Sewer System. no New Households Will Be Served As A Part Of This Project.

	Project Title	WRIS	Description
Daviess Co. Fiscal Court Legal Applicant	Masonville Sewer Extension	SX21059014	This Project Received A Hb 267 Grant In 2005 That Will Be Used For Project Sx21059007 Instead. this Project Involves The Construction Of A Lift Station On Hill Bridge Road And The Construction Of A 12 Inch Force Main Near The Owensboro Community College. ten Inch Gravity Sewer Mains Will Be Constructed From The Lift Station Thru A Newly Proposed Development And Up To Wilson Lane Near Masonville. additionally, 8 Inch Collector Sewers Will Constructed Along Wilson Lane To Serve A Total Of 80 New Potential Customers In The New Development And 25 Immediate Customers On Wilson Lane. finally, 12 Inch Sewer Mains Will Extend Further Into Masonville Eliminating Three Package Treatment Plants Which Will Improve Service To 35 Existing Customers In The Garden Subdivision And In An Unnamed Mobile Home Park, As Well As, Beacon School.
Regional Water Resource Agency	Upper Horse Fork Interceptor Sewer Extension	SX21059017	This Project Will Extend Interceptor Sewers Along The Upper Horse Fork Basin To Better Serve The Hwy 54 Corridor In Owensboro.
City of Whitesville	Whitesville Sewer Rehab	SX21059018	This Project Involves Identifying And Rehabing Areas Of The Sewer System That Expierence Ill Problems. the Smoke Testing Will Take Place During The 2006 Summer Season. it Is Still Unknown How Many Feet Sewer Line Will Need To Be Rehabed And How Much It Will Cost. system Rehab And Improvements Include But Are Not Limited To: engineering Studies, Testing, Gravity Collection Lines/system, Pumping Stations, Force Mains, Pre-Treatment, Treatment Plant Upgrades, Post-Treatment Of The Municipal Sewer System.
City of Owensboro	Goetz Ditch Phases 3 & 4	SX21059020	This Project Includes The Removal And Replacement Of Approximately 300 Lf Of Storm Sewer In An Easement And The Removal And Replacement Of Approximately 3,400 Lf Of Storm Sewer Under Existing Streets. all Lines Will Be Enlarged To Increase Their Capacity And Decrease The Cso. upsizing Will Involve 6 To 12 Foot Reinforced Concrete Box Culverts.
City of Owensboro	Harsh Ditch Phase I	SX21059021	Phase 1 Includes The Removal And Replacement Of Approximately 900 Lf Of Storm Sewer In Easements And Approximately 2,860 Lf Of Storm Sewer Under City Streets. all Lines Will Be Enlarged To Increase Capacity. the Upsizing Will Involve Rcbs And 36 To 48 Inch Rcp.
City of Owensboro	Harsh Ditch Phase 2	SX21059022	Phase 2 Includes The Addition Of A Detention Basin, The Widening Of Approximately 7,400 Lf Of An Existing Drainage Ditch, The Removal And Replacement Of 2,200 Lf Of Storm Sewers, And The Removal And Replacement Of Five Roadway Structures. the Entire System Will Be Enlarged To Increase Capacity. the Upsizing Will Involve Rcbs And 18 To 42 Inch Rcp.
City of Owensboro	Scherm Ditch Phases 1 & 3	SX21059023	This Project Includes The Construction Of A 75 Acre-Foot Detention Basin And The Removal And Replacement Of Approximately 3,200 Lf Of Existing Storm And Sewer. the Existing Sewer Is Partially Under A City Street, And All Widening Will Be To The South Under The Street. the System Will Be Enlarged To Increase Capacity. the Upsizing Will Involve Rcbs And 36 Inch Rcp.
City of Owensboro	Devins Ditch Phase 1	SX21059024	Devins Ditch Flows Into The Western Trunk System Of The Csx. this Project Will Include The Reshaping Of The Existing Detention Basin And The Construction Of A New Force Main To Re-Route The Water To Persimmon Ditch. the Proposed Force Main Will Be 2,000' to 3,300' (0.4 Mile To 0.6 Mile), Depending On The Final Design. the Upsizing Will Involve 54 Inch Rcp And 66 Inch Rcep.
Regional Water Resource Agency	Locust Hill Sewer Extension	SX21059025	This Project Proposes To Provide Wastewater Services To The Locust Hill Subdivision Properties Through The Extension Of Sewer Lines And Other Necessary Wastewater Facilities. the Subdivision Is Currently Served By On-Site Septic Systems That Are Generally Not Functioning Properly And Creating Environmental Concerns.

	Project Title	WRIS	Description
Regional Water Resource Agency Legal Applicant	Woodlands South Sewer Extension	SX21059026	This Project Proposes To Provide Wastewater Services To The Woodlands South Subdivision Properties Through The Extension Of Sewer Lines And Other Necessary Wastewater Facilities. the Subdivision Is Currently Served By On-Site Septic Systems That Are Generally Not Functioning Properly And Creating Environmental Concerns.
Regional Water Resource Agency	Ravines Sewer Upgrade	SX21059027	This Project Proposes The Reconstruction And Upgrade Of The Ravine Interceptor Sewer Located In The Combined Sewer Section Of North Owensboro. the Current Ravine Sewer Is In Poor Condition And Has Infiltration Occurring Both In Cracks And Joints Throughout The Line. sections Of The Line May Be Replaced With Other Sections Being Relined.
City of Whitesville	Ky 54w Sewer Extension	SX21059029	This Project Will Extend 2800 Lf Of 8" Pvc Sewer Line To 10 Homes And One Business Along Hwy 54 West.
City of Whitesville	Ky 764 South Sewer Extension	SX21059030	This Project Will Extend 2000 Lf Of 8" Pvc Sewer Line Along Hwy 764 South To Serve Four Unserved Households.
Regional Water Resource Agency	Sunrise Drive Sewer Extension	SX21059031	This Project Will Extend Sanitary Sewers To The Sunrise Drive Area Of Owensboro To Serve 28 New Households.
City of Whitesville	Durinda Street Sewer Extension	SX21059032	This Project Will Extend An 8" Pvc Sewer Main Along Durinda St To Serve A New Housing Development.
Regional Water Resource Agency	Southwest Master Pump Station And Force Main Project	SX21059033	This Project Proposes The Construction Of A Master Pump Station And Force Main Along With Other Appurtenances In The Western Section Of The Rwra System To Allow For The Redistribution Of Sewage From The East Treatment Plant To The Max Rhoads Treatment Plant (west Plant).
Regional Water Resource Agency	Dublin Lane Tunnel Sewer Outfall Reconstruction	SX21059034	The Dublin Lane Sewer Outfall Has Deteriorated And Has Had An Emergency Repair That Is Currently Deteriorating Rapidly. rwra Proposes To Construct A New Outfall Sewer At A Higher Elevation, Along With Reconstruction Of The Pump Station Intake. this Combined Repair/reconstruction Will Establish A Configuration That Will Improve Cso Environmental Conditions At This Location, Thus Reducing Combined Sewage Overflows.
Regional Water Resource Agency	North Hwy 81 Corridor Sewer Extension	SX21059035	The 2007 Hb380 Funds In The Amount Of \$65,000 Originally Set Aside For Project Sx21059014 Will Be Moved To This Project. this Project Proposes To Extend Sewer Service To The North Hwy 81 Corridor From An Existing Lift Station To Several Commercial, Manufacturing, And Residential Properties.
Regional Water Resource Agency	South Hwy 81 Sewer Extension	SX21059036	
City of Whitesville	City Of Whitesville Sewer Lift Station Repair	SX21059037	Lift Station #4 Of The Whitesville Wastewater System Is 27 Years Old, And The Current Piping, Valves, Check Valves, Etc. Are Part Of The Original Installation. one Side Of The Station Broke Down Completely, Such That The City Can Use Only One Pump. the Station Serves The Whitesville Elementary School, An Apartment Complex, And Several Homes. to Restore The Full Functioning Capabilities Of This Lift Station And To Provide The Needed Level Of Service To These Facilities, This Project Proposes The Replacement Of This Lift Station And All Associated Piping, Valves, Pumps, Check Valves, And Electrical.
Regional Water Resource Agency	Pleasant View Estates Interceptor Sewer	SX21059038	The Project Will Construct Interceptor Sewers That Will Provide Immediate Services To 15 Unserved Households With The Potential For 63 Additional Households After Future Phased Extensions Are Complete. this Project Will Be Ready To Bid Within 30 Days From 2/6/2009.
EDMONSON COUNTY WATER\SEWER DISTRICT	Phase II Collection System	SX21061005	A Collection System Near South Central Edmonson County For Residential And Business Properties.
Edmonson County Water District	Edmonson County Water District / City Of Brownsville - Wastewater Treatment Plant	SX21061006	This Is A Joint Project Between Edmonson County Water District And The City Of Brownsville To Construct A New Wastewater Treatment Plant.

	Project Title	WRIS	Description
Edmonson County Water District Legal Applicant	Edmonson County Water District - Ky 259 Wastewater Collection System	SX21061007	A Collection System That Consists Of Approximately 22,000 Lf Of Mains, 12 Pump Stations To Serve Approximatley 270 Customers Including Businesses And Kyrock School.
CITY OF BROWNSVILLE	Brownsville Sewer System Upgrade	SX21061008	Project Will Include Upgrade Of Five Pump Stations And 7,000 Ft Of Collection Lines. this Will Be A Regional Project.
City of Sandy Hook	Sandy Hook Sewer Department	SX21063001	The City Will Replace 5,450 Lf Of 8" Sanitary Sewer, Replace 5 Existing Manholes And Rehabilitate 25 Existing Manholes. the City Will Clean And Flush Its Entire Collection System. in Addition, The City Will Install One Lift Station To Serve Lakeside Elementary School, Allowing Them To Abandon Their Package Wwtp. finally, The City Will Install A Grinder Pump To Serve The Laurel Gorge Welcome Center Allowing This Facility To Be Served With Sanitary Sewer Service. the City Will Also Use Funding For This Project To Retire Existing Long Term Usda Debt Associated With Previous Sewer projects.
City of Sandy Hook	Sandy Hook: pump Repairs	SX21063004	Rewire And Repair Seals, Wearing Rings And Impellers On All Pumps.
City of Sandy Hook	Sandy Hook: upgrade Manholes	SX21063005	Upgrade Manholes Throughout Entire System: 200 Manholes @ \$1500
City of Sandy Hook	Sandy Hook: extend Collection System	SX21063006	Extend New Collection Lines North And South Of The City To Reach Currently Unserved Areas Of Elliott County. project Will Require 20,000 Lf Of 4 Inch Pipe And Will Affect 125 Households For A Cost Of \$500,000. Clarified 11/2007: extend New Collection Lines On Sheep Skin Road (12 Hhs) ; Plus Upgrade To The Stp For Odor Control, Sewer System Maintenance Equipment; Jetter And Safety Equipment.; Install Sewer Meter For The Prison Lift Station And The Car Wash.
City of Sandy Hook	Sandy Hook: various Sewer Line Extensions And Improvements	SX21063007	Various Sewer Line Extensions And Improvements. : spare Pump For Welcome Center And Lakeside Ls; Iga Area Sewer Rehab 2500 Lf 8 Inch; Nurshing Home Ls Trash Basket And Force Main Replacement 25 Lf 3 Inch; Add Second Wet Well At The Buck Mobley Ls; 50 Hhs
City of Irvine, Kentucky	City Of Irvine, Kentucky Stormwater	SX21065001	Broadway And Bryant Street Storwater Runoff Flooding Problem design And Construction Of Approximately 150 L.f. 30 Inch Gravity Storm Drain System.
City of Irvine	Irvine Municipal Utilities-Estill County Regional Wastewater System	SX21065005	Regionalization Of Wastewater System In Estill County. The Project Involves Preliminary Studies, Design, And Construction Of Wastewater Facilities To Resolve Environmental Compliance Isses With The Irvine Muncipal utilities And The Estill County Water District Treatment Plants. Both Wwtps Are Currently Operating At Or Above Their Capacity, And The Ecwd Plant Exceeds Its Discharge Limits. This Project Will Involve Consolidating The Two Wastewater Utilities, Constructing One New Treatment Plant, Constructing A Pump Station And Force Main To Combine The Two Flows, Extending New Gravity Sewers To Two Unsewered Area, And Addressing Local Infiltration And Inflow Problems.
Irvine Municipal Utilities	Wall Street Sewer Extension - Irvine Municipal Utilities	SX21065006	The Project Will Extend Sewer Service To 15 New Customers Along Wall Street In The City Of Irvine, Kentucky. the Project Includes Approximately 3,100 Lf Of 8" Gravity Sewer Adding 15 New Customers While Alos Eliminating 15 Failing On-Site Septic Systems.
Irvine Municipal Utilities	Covey Road Sewer Extension - Irvine Municipal Utilities	SX21065007	The Project Will Extend Sewer Service To 12 New Customers Along Covey Road In The City Of Irvine, Kentucky. the Project Includes Approximately 1,700 Lf Of 8" Gravity Sewer Adding 12 New Customers While Also Eliminating 12 Failing On-Site Septic Systems.
Irvine Municipal Utilities	Kelly Pump Station 6-Inch Force Main Replacement - Imu	SX21065008	This Project Will Replace The Existing 6-Inch Force Main At The Kelly Pump Station With An 8-Inch Force Main To Met The Future Needs Of Irvine Municipal Utilities.

	Project Title	WRIS	Description
Lexington-Fayette Urban County Government Legal Applicant	Comprehensive Sanitary Sewer Project - Remaining Unsewered Areas - Phase 1a - Town Branch Wastewater Treatment Plant	SX21067001	The Project Provides Sanitary Sewer Service For 252 Unsewered Households In The Lexington-Fayette Urban Co. Govn'T (lfucg) Urban Service Area. the Areas Included Are Bracktown, Cadentown, And Wilderness Road, Which Are Primarily Lower-Income And Older Neighborhoods. financial Assistance Is Required To Provide A Cost Effective Solution To Failed On-Site Septic Systems.
Lexington-Fayette Urban County Government	Expansion Area Three Sanitary Sewer Infrastructure	SX21067002	Project To Provide Collection And Conveyance Facilities For Existing Sanitary Sewer Service Customers In Addition To Future Customers Within Expansion Area Three, Which Consists Of Approximately 534 Acres. Key Component Of This Project Is That It Provides For The Elimination Of Four (4) Existing Pump Stations, Three(3) Of Which Have Been Identified As Priority Sso'S In The Lfucg Sanitary Overflow Plan.
Lexington-Fayette Urban County Government	North Elkhorn Diversion Pump Station And Force Main	SX21067003	Construction Of A New 13,200 Gpm Pump Station For The Purpose Of Sewering Urban Service Area Expansion Areas And Balancing Overall System Wastewater Flows Between The Two Existing Wastewater Treatment Plants. related Facilities Would Eliminate Ssop Priority #8 (future. relieves Ssop Priorities #7 And #9.
Lexington-Fayette Urban County Government	South Elkhorn Pump Station And Force Main	SX21067004	Upgrade Of Existing Pump Station From 7,600 Gpm To 12,000 Gpm. construction Of New 24-Inch Force Main To Parallel Existing Force Main. upgraded Facility Would Abate #2 Priority Pump Station Sso. average Sso'S 10 Per Year (1999-2001).
Lexington-Fayette Urban County Government	Enhanced Solids Process - Town Branch Wastewater Treatment Plant	SX21067005	In Accordance With Approved 201 Facilities Plan, Project Would Design/construct Modification Of Solids Process To Handle Increased Loading. process Changes Would Include Conversion Of Primary And Secondary Digesters To Temperature Phased Digestion Process, Expand Polymer/washwater Facilities, And Improve Associated Odor Control Systems.
Lexington Fayette Urban County Govt (LFUCG)	Expansion Area 2a Class A Pump Station And Trunk Sewer	SX21067006	Expansion Area 2a, Brought In Lexington'S Urban Service Area In 1996, Is Eperiencing Rapid Development. The System Of Trunk Sewers Recommended By The Adpoted 1999 201 Facilities Plan Update Is Being Constructed In The Upper Portions Of The North Elkhorn Watershed, But There Are No Immediate Plans For Development, Including Sewer Facilities, In The Lower Portion. This Project Would Design And Build 201 Plan Facilities, Allowing Elimination Of Existing Interim Pump Stations And Reducing Demands On The Aging North Elkhorn Force Main.
Lexington-Fayette Urban County Government	Blue Sky Wastewater Treatment Acquisition And/or Plant Upgrade	SX21067007	The Lexington-Fayette Urban County Government Is Negotiating Acquisition Of The Blue Sky Wastewater Treatment Plant. Once The Wwtp Is Acquired, Upgrades For Enhanced Nutrient Removal Is Expected. Upgrades Would Include Improved Nitification And Phosphorus Removal By Chemical Precipitation.
Lexington-Fayette Urban County Government	Comprehensive Sanitary Sewer Project - Remaining Unsewered Areas - Phase 2	SX21067008	The Project Provides Sanitary Sewer Service For Unsewered Households Within The Lexington-Fayette Urban County Government Urban Service Area. the Areas Included Are: Lin Wal Drive, Lisle Industrial Avenue, Inner Liberty Road, South Forbes Road, Versailles Road, Viley/calumet Terrace Area, Inner North Broadway, Shadybrook Lane, Old Paris Pike, And Beverly Avenue, Which Are Primarily Lower-Income Or Older Neighborhoods. financial Assistance Is Required To Provide A Cost-Effective Solution To On-Site Septic Systems Subject To Failure.

	Project Title	WRIS	Description
Lexington-Fayette Urban County Government Division of Sanitary Sewers Legal Applicant	West Hickman Wastewater Treatment Plant Screw Pump Replacement - Phase 2	SX21067012	Phase 2 Entails Replacement Of The Second Of Three Screw Pumps Located At The Head Of The West Hickman Wastewater Treatment Plant. these 80-Foot Pumps Each Have A 25 Mgd Capacity With Which They Distribute The Incoming Sewage To The Treatment Processes By Lifting It To A Higher Elevation, Allowing Gravity Flow Through The Rest Of The Plant. the Screw Pumps Are Failing Due To The Corrosive Environment In Which They Are Used. the West Hickman Wastewater Treatment Plant Is Owned By The Lexington-Fayette Urban County Government But Is Located In Jessamine County. in Addition To About Half Of Lexington, West Hickman Serves Customers In The South Elkhorn Water District In Jessamine County.
Lexington-Fayette Urban County Government	Comprehensive Sanitary Sewer Project-Remaining Unanswered Areas, Phase 3	SX21067013	This Project Provides Sanitary Sewer Service For Unserved Households Within The Lexington-Fayette Urban County Government Urban Service Area, In Primarily Lower-Income Or Older Neighborhoods. financial Assistance Is Required To Provide A Cost-Effective Solution To On-Site Septic Systems Subject To Failure.
Lexington-Fayette Urban County Government	Lfucg Wolf Run Pump Station And Expansion	SX21067014	Relocation And Expansion Of The Wolf Run Pump Station, Including A New Upstream Sanitary Trunk Sewer Extending From The Existing Pump Station Site And A New Force Main. the Project Will Eliminate A Sanitary Sewer Overflow (sso).
Lexington-Fayette Urban County Government	Lfucg-East Hickman Pump Station Expansion And Rehabilitation	SX21067015	Expansion And Rehabilitation Of The East Hickman Pump Station Increasing The Pumping Capacity From 12,000 Gallons Per Minute (gpm) To 20,000 Gpm To Better Accommodate Wet Weather Flows And Planned Redirection Of Flow Within The Sanitary Sewer System. this Upgrade Should Eliminate An Average Of 11 Sanitary Sewer Overflows (sso'S) Per Year.
Lexington-Fayette Urban County Government	Lfucg Bluegrass Airport Pump Station Expansion	SX21067016	Expansion Of The Bluegrass Airport Pump Station And Force Main Capacity To Accommodate Flows Generated From Aircraft Deicing Operations During The Winter Months.
Lexington-Fayette Urban County Government	Expansion Area 1 - Lfucg	SX21067017	Design And Construct Sanitary Sewer Infrastructure That Would Eliminate/replace Four Existing Sanitary Pumping Stations With Three New Sanitary Pumping Stations. Project Includes A 4,300 Gpm Sanitary Pumping Station, One 1,800 Gmp Pumping Station, Over 20,000 Linear Feet Of Gravity Pipe And Over 6,000 Feet Of Force Main.
Lexington Fayette Urban County Government	Lower Cane Run Pump Station - Lfucg	SX21067018	Expand Existing Sanitary Pump Station And Construct Parallel Sanitary Force Main To Eliminate Recurring Wet Weather Sanitary Sewer Overflows.expand 10,000 Gpm Pumping Station Is Listed As A Priority Recurring Sso In Lfucg Federal Consent Decree.
Lexington Fayette Urban County Government	Mint Lane Pump Station - Lfucg	SX21067019	Replace/expand Existing Sanitary Sewer Pumping Station To Eliminate Recurring Wet Weather Sanitary Sewer Overflows (sso'S). existing 640 Gallons Per Minutes Pumping Station Is Listed As A Priority Recurring Sanitary Sewer Overflow In Lfucg Federal Consent Decree.
Lexington-Fayette Urban County Government	Leesway Neighborhood Underserved Areas - Fayette	SX21067020	With Regard To Leesway Drive, The Preliminary Engineering Report Identifies 50 Properties That Would Receive Sanitary Sewer Service Provided By About 2,800 Feet Of Sanitary Collector Lines. Given The Widening Of Leestown Road And The Development Of Adjoining Tracts, It Appears That At Least 10 Of These Will Either No Longer Be Occupied Or Will Have Access To Other New Sanitary Sewer Lines. Although The Report Also Calls For A 12-Inch Interceptor Sewer That Extends Considerably Downstream Of The Subdivision, The Surrounding New Development Activities That Have Taken Place Since Cy 2000 Have Eliminated The Need For The Interceptor.

				Project Title	WRIS	Description
Lexington-Fayette County Government	Urban County			Various Water, Sewer, And Storm Sewer Improvements - Lfucg	SX21067021	Project To Provide For Stormwater And Sewer Construction And Upgrades To Astaire Drive, Grant Place, Grant Court, Hollow Creek Drive & Lasalle Road, Green Acres & Hollow Creed Neighborhoods Home Floodproofing, Green Acres & Hollow Creek Neighborhoods Water Quality Inserts.
Legal Applicant						
CITY OF FLEMINGSBURG				Cherry Grove Road Sewer Project	SX21069001	New Service. 4037 Lf 8" Gravity Collection Line, 768 Lf Force Main, 1 Duplex Grinder Pump Station. construct 250 Lf Of 8" Line To Serve A Watershed That Will Be Inside The Future Bypass Extension. construct 105 Lf Of 8" Line To Extend Service On Stockyard Rd And An Extension And Bore For Valley View Rd.
CITY OF FLEMINGSBURG				Pump Station Upgrades	SX21069002	Upgrade Indian Fields Ps From 250 Gpm - 400 Gpm. upgrade Lakewood Ps From 300 Gpm - 500 Gpm. 700 Lf Of 4" To 6" Force Main Will Also Be Needed.
CITY OF FLEMINGSBURG				Flemingsburg New Wastewater Treatment Plant	SX21069003	Construct A New 1.13 Mgd Sequencing Batch Reactor (sbr) Wwtp Adjacent To The Existing Wwtp Located On Ky 32 In Flemingsburg
CITY OF Ewing				Ewing Sewer Phase I	SX21069004	Collection And Transport Wastewater In 0-2 Year Planning Area To Existing Flemingsburg Wwtp Using Force Mains And Pump Stations.
THE CITY OF EWING				Ewing Sewer Phase II	SX21069005	3-10 Year Planning Period Area - Progresses From The 0-2 Year Planning Period Area To The North And South Boundaries. it Incorporates The Communities Of Flemingsburg Junction, Pleasant Ridge, Cowan And Craintown, Covering Approx. 18,990 Acres. 229 Homes Will Potentially Be Served
THE CITY OF EWING				Ewing Sewer Phase III	SX21069006	11-20 Year Planning Period Area - Extends From The Prior Planning Period Areas To The Western Border Of The Pa. it Incorporates The Community Of Fairview. included In This Area Is The Future Site Of Elk Creek Lake, A 400 Acre Recreational Facility To Be Built Within The 3-10 Year Planning Period. planning Area Covers Approx 10,290 Acres. 214 Homes Will Potentially Be Served In This Area.
Fleming County Fiscal Court				Hillsboro Sewer Phase I	SX21069007	Conventional Gravity Sewage Collection System With Five Grinder Pump Stations And Force Main With 3 Additional Pump Stations, Along With A Low Pressure Sewer System To Serve The Residents On The Force Main Route, To Convey The Raw Sewage To The City Of Flemingsburg Existing Ww Facility For Treatment. Hillsboro Is Unincorporated, The 201 Regional Facilities Plan Has Been Approved By Dow And The Chosen Option Is A Regional Approach To Sewage Treatment.
Fleming County Fiscal Court				Hillsboro Sewer Phase II	SX21069008	3-10 Year Planning Period Area - Expansion Of 0-2 Year Project. will Include Gravity Collection Sewer System, Force Mains, Low Pressure Sewer And Pump Stations. *population Served And Service Provided Are Based On Completion Of Phase I.
Fleming Co. Fiscal Court				Hillsboro Sewer Phase III	SX21069009	120 Year Planning Period Area- expansion Of 3-10 Year Project. will Include Gravity Collection System, Force Mains, Low Pressure Sewer And Pump Stations. *population Served And Service Provided Are Based On The Completion Of Phase Ii.
Flemingsburg Authority	Fleming County	Industrial		Flemingsburg-Fleming Co Industrial Authority Sewer Project	SX21069011	The Project Consists Of Approximately 5500 Lf Of 6" Force Main , 1600 Lf Of 12" Gravity Line & 4400 Lf Of 8" Gravity Line And 1 Lift Station. sewer Service Will Be Provided To The Flemingsburg-Fleming Co Industrial Park II Site.
CITY OF FLEMINGSBURG				Industrial Park 2 Pump Station And Force Main Planning	SX21069014	This Project Consists Of Planning For Sewer To Serve The Industrial Park 2.

	Project Title	WRIS	Description
CITY OF MARTIN Legal Applicant	City Of Martin Wastewater Line Extension	SX21071151	Cracker Bottom/may Valley Elementary School/ Route 122/ Downtown Martin: The Project Will Extend Sewage Collection Services To 45 Households, 1 School, 11 Commercial Businesses And 6 Retail Businesses In Four Areas Of The City Of Martin. These Extensions Will Eliminate Straight Pipes, Failing Residential Septic Systems, As Well As, Commercial And Retail Septic Systems And Holding Tanks. The Following Will Be Served By These Extensions:45 Households,1 School (may Valley Elementary),11 Commercial Businesses,and 6 Retail Businesses.
PRESTONSBURG CITY UTILITIES COMMISSION	Prestonsburg City Utilities Commission	SX21071210	Sewerline Extension For Stevens Branch In Northern Floyd County. the Project Would Consist Of Connecting To Existing Sewerline Near Cliff Side Apartments On Cliff Road And Extending To The End Of Stevens Branch. The Project Would Serve A Potential 50 New Customers At A Cost Of \$1,014,500. the Project Would Include One Lift Station.
Prestonsburg City Utilities Commission	Prestonsburg City Utilities Commission- sewer Line Extension	SX21071215	This Project Would Provide A Coveyance System Gateway Allowing Service To Be Provided To Residents Located In Floyd County And Will Include River Crossings Throughout Floyd County, Including A Conveyance System To Bays Branch And Daniels Creek. This Project Includes A Simplex And Duplex Pump And A Lift Station.
Prestonsburg City Utilities Commission	Pcuc New Wwtp In Us 23 South Corridor	SX21071218	The First Phase Of The Proposed South Prestonsburg Wastewater Treatment Plant Will Be Sized For Approximately 750,000 Gallons Per Day Capacity. the Concept For The Process Is An Activated Sludge Extended Aeration Oxidation Ditch With Conventional Screening And Preliminary Treatment, And Circular Final Clarifiers. this Concept Is Being Developed To Accomodate Future Expansion Through Duplication Of The Proposed Treatment Units By Planning For A Mirror Image Of The Proposed Facilities To A Future Capacity Of 1.5 Mgb. the Sites Under Consideration Will Accommodate Both The Immediate Proposed Improvements, As Well As The Potential Future Expansion.
Prestonsburg City Utilities Commission	Pcuc Lower Abbott Creek Pressure Sewer Project	SX21071219	This Project Would Provide The Basis For Providing Sewer Service To The Entire Watershed Of Abbott Creek By Constructing A Trunk Sewer Force Main To The Intersection Of The Right And Left Fork Along The Main Road (ky 1428) And Initially Serving Those Residents With Service. the Project Requires Approximately 12,000 Lf Of 3 Inch Pe Pipe, 2,000 Lf Of 2 Inch Pe Pipe, 1,000 Lf Of 1 1/2 In Pe Pipe, 100 Simplex Grinder Pump Assemblies, 12,000 Lf Of 1 1/4 Inch Service Tubing And Associated Casing Pipe For Road Bores. This Project Will Serve 100 New People.
Prestonsburg City Utilities Commission	Pcuc Force Main Extensions And Lift Station Modifications	SX21071220	This Project Is Necessary To The Wwtp In That It Reverses The Flows From The Area South Of Prestonsburg Which Includes A Portion Of The Existing System As Well As The City Of Allen And Reroutes In To A New Treatment Plant On Us 23 South Of Town. this Reduces The Existing Load On The Existing Wwtp As Well As Alleviates An Odor Problem With Septic Sewage Passing Through Town In The Existing Combined Sewers. extensions To Existing Force Mains And Modifications Of Lift Stations Are Required.
Prestonsburg City Utilities Commission	Pcuc West Prestonsburg Sewer Replacement	SX21071222	Replacement Of A Main Sewer Line In West Prestonsburg Is A Necessity To Solving A Major Infiltration Problem With Contributions To Overflows. this Portion Of The System Handles Force Mains From Other Areas As Well As Acting As A Collector For The Local Area.
Prestonsburg City Utilities Commission	Pcuc Station Branch Sewer Lines	SX21071223	This Project Will Extend The Sewer Lines From A Lift Station Located Near Prestonsburg Elementary Approximately 1.5 Miles To Station Branch Providing Service To A Potential Of 25 New Homes

	Project Title	WRIS	Description
Prestonsburg City Utilities Legal Applicant	Prestonsburg Combined Sewer Separation	SX21071225	This Project Will Separate Combined Sewers On Stevens Branch, Daniels Creek And Us 23 North. permits Have Been Obtained To Perform This Work In All Three Locations. This Project Will Cost \$1,220,000.00 And Will Provide Improved Service To Many Households.
Prestonsburg City Utilities	West Prestonsburg Sewer Replacement	sx21071226	To Replace The Existing Sewer In West Prestonsburg
Prestonsburg City Utilities	West Minister Sewer Project	sx21071227	This Is A Replacement Of 2700 Linear Feet Of Force Main. this Does Serve 41 Households. the Cost Will Be \$281,000.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District	SX21071701	Presently, The Floyd County board Of Education Owns And Operates A Small Package Treatment Plant That Serves Only The Allen Central High School. the Plant'S Capacity Is 11,000 Gpd And The Average Usage Is 3,000 - 4,000 Gpd. the Plant Is Over 30 Years Old And The Board Of Education Has Formally Stated That It Will Commit \$150,000.00 Toward The Development/construction Of A New Plant That Will Serve Not Only The Allen Central High School, But Also 50-60 Homes And Small Businesses In The Eastern Community. This Projects Includes The Ocnstruction Of A New Sewerage Package Treatment Plant That Will Serve Allen Central High School (and Take The Old Plant Out Of Servie), As Well As A Collection System (including One Lift Station) That Will Serve 50-60 Homes/small Businesses In The Eastern Community. the New Sewer Plant And Collection System Will Be Owned And Operated By Souther Water & Sewer District. over 40 Homes And Businesses In The Eastern Community Have Already Been Cited By The Kentucky Division Of Water For Non-Compliance With Effluent Requirements. funding Commiments To Date Include \$150,000.00 From Floyd County Board Of Education And \$350,000.00 From The Floyd County Fiscal Court
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District	SX21071703	The Project Will Serve The Areas Around Wayland And Ky 777. The Project Will Provide Service To 519 Customers. the Project Will Extend From The Neww Wastewaterlines In Wayland And Along Ky 7.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District South Of Wayland	SX21071704	The Project Will Is Part Of The Wayland 201 Facilities Plan. The Project Will Be Part Of The Wwtp The Project Area Includes The Area South Of Wayland. The Project Will Serve Potential 197 New Customers.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District North Of Wayland Ky 550 And Ky 7	SX21071705	The Project Will Extend Wastewater Lines From The New Wwtp In Wayland North Along Ky 550 And West Along Ky 7. The Project Will Serve Potential 200 Customers.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Wastewater Extensions From Ky 80 Extending From City Of Martin	SX21071706	The Project Consist Of Extending Sewerlines Along Ky 80 South Of Martin To Duff Elementary. southern Water Does Not Have Wwtp So Either One Will Have To Be Built Or They Will Utilize City Of Martin And Operate Service Lines. The Project Will Provide Potential Sewer For 563 Customers. The Line Extension Will Eliminate Two Ptp At The Schools.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Ky 979 And Ky 1091	SX21071707	The Project Consist Of Sewer Line Extension Along Ky 979 From Price To Ligon And Service Along 1091 To Wheelwright'S Existing Service. The Lines With Tie In With Wheelwright And Utilize The Wwtp If Possible.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Wastewater Line Extension Ky 122 And Ky 466 Weeksbury	SX21071708	The Project Consist Of Sewerline Extension Beginning From Wheelwright Existing Line On Ky 122 Extending To The County Line. The Next Extension On Ky 466 In The Weeksbury Area. The Project Will Serve Potential 663 Households. Unless Southern Water & Sewer Builds A Wwtp The System Will Be Kmp Utilizing Wheelwright Wwtp If All Is Possible.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Wastewater Line Extension South On Ky 122	SX21071709	The Project Will Tie In With The City Of Martin. Unless A Wwtp Is Built Southern Water & Sewer District Will Operate Kmp System. The Project Will Provide Potential 855 Customers With Sewer. The Project Will Extend To Mcdowell.

	Project Title	WRIS	Description
Legal Applicant			
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Along Ky 979, Ky 1426, And Ky 3379	SX21071710	The Project Consist Of Sewerline Extension Down Mud Creek Along Ky 979, And Ky 1426, And Ky 3379. The Project Area Is The South Eastern Portion Of The County. The Potential Customers Is 981.
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Harlod - North 23 Project	SX21071711	In Conjunction With The City Of Pikeville And Floyd County Constructing Sewage Collection Lines To Serve Homes And Businesses Along U S Route 23 From Ivy Creek To The Pike County Line. initially, Sewage Will Be Taken To The City Of Pikeville Plant. upon Completion Of A New Sewer Plant In The Harold Area (phase II), Sewerage Flow Will Be Directed To The New Sewer Plant. All Of This Area Is Presently Unsewered. Initial Phase Of This Project Will Impact Approximately 600 Homes & Businesses
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer District Wayland Sewer Phase II	SX21071715	Wayland Sewer Line Extensions Phase II Toward Garrett
SOUTHERN WATER & SEWER DISTRICT	Southern Water & Sewer Southern Floyd County Wwtp - Harold Service Area	SX21071720	Southern Water & Sewer District New Wastewater Treatment Plant & Service In The Harold Area. Project Will Provide Service In South Floyd County.
WHEELWRIGHT UTILITY COMMISSION	Wheelwright Utility Commission Wwtp System Upgrade	SX21071901	The City Of Wheelwright Has Many Problems With The Existing Sewer System, However A Prime Problem Is The Amount Of Trash Being Put Into The Sewers Which Comes Primarily From The Prison And The Existing Treatment Plant Has No Means Of Removing It Prior To Treatment. this Project Will Provide For The Installation Of An Automatic Screening Device To Remove Trash Prior To Treatment As Well As The Installation Of A New Permanent Grinder Station At The High School And Sewer For 12 Businesses And/or Residences Which Are Currently Unsewered.
Farmdale Sanitation District	Farmdale Sanitation District-Farmdale Area Sewer System (revised)	SX21073001	Construct A New Sanitary Sewer System In The Farmdale Area Of Franklin County (south Of I-64 To The Anderson County Line). the Project Will Initially Pick Up Approximately 1030+ Customers That Are Currently Served By Poorly Operating/failing Package Wwtp'S And Failing Septic Systems. the Environment Will Be Greatly Improved By Eliminating The Runoff Of Raw Sewage To The Ground Water, Streams, And Creeks In The Area. the Health In The Region Should Be Greatly Improved. the Project Consists Of: One New .75 Mgd Wwtp, 4 Pump Stations, Eliminate 10 Package Wwtp'S, 1030+ Customers, 4.9 Miles Of 8" - 16" Gravity Sewer Line And 7 Miles Of 3" - 12" Force Main.
Franklin County	Choateville Sewer Project (phase 2)	SX21073003	This Project Provides Sewer Services To Approximately 70 Residential And Commercial Businesses Along Skyline, Skyview, Pierce Lane, And Holly Hills. Currently, There Are No Sewer Services Available In This Area. The Project Consists Of Appro. 3,400 L.f. Of Gravity Sewer, 4,000 L.f. Of Low Pressure Mains And 42 Grinder Pump Stations.
City of Frankfort	Shelby Street Sewers/city Of Frankfort, Frankfort Sewer Department	SX21073004	Replacement Of 310' of 8-Inch Gravity Sewer To Serve 10 Underserved Households.
City of Frankfort	Allnut Drive Sewer Replacement	SX21073005	Wastewater Collection System Project. Includes Replacement Of 1300 Lf Of 6" Gravity Sewer With New 8" Sewer.
City of Frankfort	Bon Air Pump Station & Force Main Replacement	SX21073006	Wastewater Collection System Project. Includes Upgrade Of Existing Bon Air Pump Station And Installation Of 6700 Lf Of 18" Force Main To Replace Existing 12" Force Main. Project Will Reduce And Potentially Eliminate Three Sanitary Sewer Overflows (ssos) In The Two Creek Area.
City of Frankfort	Cardinal Hills Pump Station & Force Main Replacement	SX21073007	Wastewater Collection System Project. Includes Replacement Of Existing Cardinal Hills Pump Station And Installation Of 326 Lf Of 6" Force Main To Replace Existing 4" Force Main. Project Will Reduce And Potentially Eliminate The Sanitary Sewer Overflow (sso) At Teh Cardinal Hills Pump Station.

	Project Title	WRIS	Description
City of Frankfort Legal Applicant	East Frankfort Sanitary Sewer System Improvements Gravity Interceptor, Force Main, And Pump Station	SX21073008	**project Updated On 1/11/08 To Reflect New Title And Cost Estimate. The Project Will Provide Wet Weather Elimination Of Sanitary Sewer Overflows (sso'S) In The Southeastern Region Of The Frankfort Sewer System. two Existing Pump Stations Will Be Eliminated And One New Constructed. the Capacity Of The New Industrial park Pump Station Will Be Near 3,500 Gpm And Will Be Expandable. the New Pump Station Will Deliver Flows Directly To The New Schenkel Cave 36" Trunk Sewer Via A New 16,000 Lf Force Main And A New 8,000 Lf Gravity Sewer. the Project Is Also Planned For Future Acceptance Of All Wastewater Flows From The Bon-Air Pump Station To Further Eliminate More Sso'S In The Two Creeks Subdivision.
City of Frankfort	Miami Trail Pump Station Replacement	SX21073009	Wastewater Collection System Project. Includes Replacement Of Existing Miami Trail Pump Station And Replacement Of 100 Lf Of 4" Force Main.
City of Frankfort	National Guard Sewer Extensions And Pump Station Replacement	SX21073010	1/14/08 Project Amended To Show Updated Budget And New Name For Engineer. Wastewater Collection System Project. Includes Installation Of 6,500 Lf 8", 10", And 12" Gravity Sewer Lines, A New Submersible Pump Station, And 4,500 Lf Of 10" Force Main. the Project Will Eliminate Three (3) Existing Pump Stations And Reduce Or Eliminate The Existing Sanitary Sewer Overflow (sso) At National Guard Pump Station #1.
City of Frankfort	Schenkel Lane Sewer Replacement	SX21073011	This Project Will Consist Of Approximately 1500 Linear Feet Of 36-Inch Gravity Sewer Line To Be Constructed Parallel To The Existing 14-Inch Gravity Sewer Line In The Schenkel Cave. this Project Will Eliminate The Sanitary Sewer Overflows (ssos) At The Cave Entrance Near Schenkel Lane And At Two Manholes Located Upstream From The Cave.
City of Frankfort	Two Creeks #2 Pump Station & Force Main Replacement	SX21073012	Wastewater Collection System Project. Includes Replacement Of Existing Two Creeks #2 Pump Station And Installation Of 1300 Lf Of 6" Force Main To Replace Existing 4" Force Main. Project Will Reduce And Potentially Eliminate The Sanitary Sewer Overflow (sso) At The Two Creeks #2 Pump Station.
Farmdale Sanitation District	Farmdale Sanitation District-Sses & Collection System Repairs	SX21073014	This Project Involves The Completion Of A Sewer System Evaluation Survey For Existing Collection Lines Within The Proposed Farmdale Sanitation District Service Area. also Included Are Sewer Line Repairs To Eliminate The Sources Of Inflow And Infiltration Located As A Result Of The Sses. this Work Will Reduce Treatment Costs For The Sanitation District By Eliminating Excess Inflow And Infiltration.
Farmdale Sanitation District	Farmdale Sanitation District-Wastewater Facilities Plan	SX21073015	This Project Involves Updating The Existing Frankfort Wastewater Facilities Plan, As Required By The Ky Division Of Water, To Address The Farmdale Sanitation District Service Area.
City of Frankfort	City Of Frankfort/frankfort Sewer Department-Holmes Street-Contract III A-2	SX21073017	Installation Of 3995 Lf Of Storm Sewer (210' of 36", 460' of 30", 666' of 24", 1130' of 18", 1500' of 15", And 30' of 12") Along With 4 Storm Manholes And 39 Storm Catch Basins. installation Of 3600 Lf Of Sanitary Sewer (1060' of 12" Pvc, 210' of 12" Di, 150' of 10", And 2180' of 8") Along With 25 Sanitary Manholes. the Project Will Separate The Storm Sewer From The Sanitary Sewer Therby Eliminating Several Sanitary Sewer Overflows Which Result In The Discharge Of Untreated Sewage Into Open Ditches, Streams And The Kentucky River During Rainfall Events. this Project Will Be Coordinated With The City Of Frankfort Holmes Street Project, Which Is Currently In The Design And Construction Phases. the Project Is Phase A-2.

	Project Title		WRIS	Description
City of Frankfort Legal Applicant	City Of Frankfort/frankfort holmes Street--contract III B-1	Sewer Department--	SX21073018	Installation Of 1535 Lf Of Storm Sewer (904' of 48", 348' of 24", 255' of 18", And 1345' of 15" Along With 5 Storm Manholes And 29 Storm Catch Basins. installation Of 3316 Lf Of Sanitary Sewer (1250' of 15" Pvc, 860' of 10", And 550' of 8") Along With 20 Sanitary Manholes. the Project Will Separate The Storm Sewer From The Sanitary Sewer Thereby Eliminating Several Sanitary Sewer Overflows Which Result In The Discharge Of Untreated Sewage Into Open Ditches, Streams, And The Kentucky River During Rainfall Events. this Project Will Be Coordinated With The City Of Frankfort Holme Street Project, Which Is Currently In The Design And Construction Phases. this Project Is Phase B-1.
City of Frankfort	City Of Frankfort/frankfort Holmes Street Contract III C	Sewer Department-	SX21073019	Installation Of 700 Lf Of Storm Sewer (700' by 30") Along With 1750 Lf Of 3' flat Bottom Concrete Channel And 595 Lf 4x4 Box Culvert. installation Of 4370 Lf Of Sanitary Sewer (930' of 18" Pvc, 1835' of 15", 375' of 10", And 1230' of 8") Along With 28 Sanitary Manholes. the Project Will Separate The Storm Sewer From The Sanitary Sewer Thereby Eliminating Several Sanitary Sewer Overflows Which Result In The Discharge Of Untreated Sewage Into Open Ditches, Streams, And The Kentucky River During Rainfall Events. this Project Will Be Coordinated With The City Of Frankfort Holmes Street Project, Which Is Currently In The Design And Construction Phases. this Project Is Phase C.
City of Frankfort	City Of Frankfort/frankfort Holmes Street Contract III B-2	Sewer Department-	SX21073020	Installation Of 3176 Lf Of Storm Sewer (55' of 30", 606' of 24", 85' of 18", And 1935' of 15") Along With 22 Storm Catch Basins. installation Of 3427 Lf Of Sanitary Sewer (1952' of 12" Pvc, 620' of 10", And 855' of 8") Along With 20 Sanitary Manholes. the Project Will Separate The Storm Sewer From The Sanitary Sewer Thereby Eliminating Several Sanitary Sewer Overflows Which Result In The Discharge Of Untreated Sewage Nto Open Ditches, Streams, And The Kentucky River During Rainfall Events. this Project Will Be Coordinated With The City Of Frankfort Holmes Street Project, Which Is Currently In The Design And Construction Phases. this Project Is Phase B-2.
Farmdale Sanitation District	Farmdale Sanitation District-Farmgate Subdivision		SX21073022	The Project Will Put The Farmgate Subdivision On Sanitary Sewers. it Will Eliminate One Poorly Operating Package Wwtp And One Pump Station. it Will Serve Approximately 32 Customers.
Farmdale Sanitation District	Farmdale Sanitation District-H&m Mobile Home Park		SX21073023	This Project Will Put The H&m Mobile Home Park (mhp) On Sanitary Sewers. it Will Eliminate One Poorly Operating Package Wwtp. it Will Serve Approximately 12-20 Customers.
Farmdale Sanitation District	Farmdale Sanitation District-Coolbrook Subdivision		SX21073024	This Project Will Put The Coolbrook Subdivision On Sewers. it Will Eliminate One Poorly Operating Package Wwtp And Add One Pump Station. it Will Serve Approximately 429 Customers.
Farmdale Sanitation District	Farmdale Sanitation District-Sewer Lines For Evergreen, Meadowbrook, And Frankfort Rehab.		SX21073025	This Project Will Put The Evergreen And Meadowbrook Subdivisions, Evergreen Mhp#1 And Frankfort Rehab On Sanitary Sewers. it Will Eliminate Four Poorly Operating Package Wwtps. it Will Add Approximately 58+ Customers.
Farmdale Sanitation District	Farmdale Sanitation District-Farmdale Subdivision		SX21073026	This Project Will Put The Farmdale Subdivision On Sanitary Sewers. it Will Eliminate One Poorly Operating Package Wwtp At The Home And Add One Pump Station. it Will Serve Approximately 188+ Customers.
Farmdale Sanitation District	Farmdale Sanitation District-Stewart Home Line	Sewer	SX21073027	This Project Will Put The Stewart Home On Sanitary Sewers. it Will Eliminate One Poorly Operating Package Wwtp At The Home And Add One Pump Station. generally, There Is One New Customer On This Line, The Stewart Home. however, It Has Approximately 170 Equivalent Customers.

	Project Title	WRIS	Description
Farmdale Sanitation District Legal Applicant	Farmdale Sanitation District-Gravity Trunk Line From Edgewood Wwtp To Green Wilson P.s.	SX21073028	This Project Will Form The "backbone" Of The New Sewer System For The Farmdale Area. it Will Eliminate One Package Wwtp, Add Approximately 10,800' of 16" Gravity Sewer Line And One Major Pump Station In The Green Wilson Road Area. it Will Add 132 Customers From Edgewood Subdivision Plus Those Along The 2 Mile Route To The Pump Station (estimated At 15) For A Total Of 147+ Customers.
Farmdale Sanitation District	Farmdale Sanitation District-New .75 Mgd Wwtp	SX21073029	The Sanitation District Wishes To Commence The Design And Land Acquisition For Their New Wwtp South Of I-64. the Total Project Will Serve Approximately 1,030+/- customers, New 0.75 Mgd Wwtp, 4.9 Miles Of 8"-16" Gravity Sewer Line, 7 Miles Of 3"-12" Force Main, 4 Pump Stations And Eliminate 10 Existing Package Wwtp'S. the Total Project Cost Is Estimated To Be \$13,338,000 (without Design Or Land Acquisition). design And Land Acquisition Are Estimated To Be \$415,000 And \$135,000 Respectively, (\$550,000 Combined) And Have Been Submitted Under Sx21073030. project Was Ammended On 7/8/08 To Include The Costs Of Land Acquisition And Engineering. the 2008 Grant (hb608) Of \$550k Was Supposed To Be Applied To Sx21073030 But Was Accidentally Assigned To This Project Profile. to Correct The Problem, Sx21073030 Was "withdrawn" And This Profile Was Ammended To Include Engineering And Land Acquisitions Costs.
Frankfort Sewer Dept	Frankfort Sewer Department Mero Cso Mitigation	SX21073031	The Proposed Project Will Disconnect The Cso From The Mero Street Flood Pump Station And Connect It To The Wastewater Pump Station At Mero Street.
Frankfort Sewer Department	Frankfort Sewer Department Fsd- new Laboratory Building	SX21073032	Fsd Has Outgrown Its Existing Lab Area. Current Epa & State Requirements Requires A Much Larger & More Technically Elaborate Facility. The New Lab Will Also Allow Fsd To Better Meet Current Osha Regulations. The Current Lab Was Built With The Original Plant In The 1970'S. Fsd Will Convert The Existing Lab Area To Office Spaces For A Growing Staff.
Frankfort Sewer Department	Frankfort Sewer Department Clarifier Rehab	SX21073033	The Proposed Project Rehabilitates Three Of The Four Clarifiers At The Frankfort Wastewater Treatment Plant.
Frankfort Sewer Dept.	Frankfort Sewer Myrtle Ave. Line Rehab	SX21073034	The Proposed Project Will Eliminate A Sanitary Sewer Overflow (sso) Which Occurs When The Current Sewer Cannot Handle The Flows During Large Rainfall Events. This Project Will Construct Approximately 1,800 L.f. Of 15" Sewer Line Which Should Have Adequate Capacity To Handle The Increase Of Flows During Large Rainfall Events.
Frankfort Sewer Department	Frankfort Sewer Dept - Jones Lane Sewer Extension	SX21073035	The Proposed Project Will Eliminate A Failing Package Wwtp Which Serves A Trailer Park With Approximately 40-50 Trailers. This Project Will Also Provide Sewers To Approximately 30 New Customers. The Project Consists Of Approximately 1,000 L.f. Of 8" Gravity Sewer Line And Replacing An Outdated Sewer Pump Station.
Frankfort Sewer Department	Frankfort Sewer Department - Indian Hills Sewer Line Rehabilitation	SX21073036	The Proposed Project Consists Of A Sses Of The Indian Hills Subdivision, Which Consists Of Approximately 1,400 Homes. This Study Will Be Used To Determine Which Areas In The System Need To Be Repaired. This Project Will Also Rehab Sewer Lines Based On The Sses.
Frankfort Sewer Department	Frankfort Sewer Department - East Main Wall Line Rehab	SX21073037	The Proposed Project Consists Of Rehabilitation Of The Existing Sewer Line That Is Suspended From The Flood Wall Near Main Street. The Existing Sewer Is Continually Being Damaged During High Water Events And Is Always Needing Repairs. When The Sewer Line Is Damaged Raw Sewer Is Dumped Into The River. The Proposed Rehabilitation Of This Line Involves Putting The Sewer Below Ground To Protect It From Flood Water.

	Project Title	WRIS	Description
Frankfort Sewer Department Legal Applicant	Frankfort Sewer Department - West Frankfort Pump Station	SX21073038	The Proposed Project Consists Of Rehabilitation Of The Existing West Frankfort Pump Station Which Includes Variable Speed Pumps With And Increased Pumping Capacity. The Increased Pump Capacity Should Eliminate Sanitary Sewer Overflow.
Frankfort Sewer Department	Frankfort Sewer Department - Channel Trash Screen	SX21073039	The Proposed Project Consists Of Installation Of A Channel Trash Screen To Remove Grit And Other Debris From The Influent Channel. Removal Of Grit And Debris Will Reduce Maintenance Costs At The Wastewater Treatment Plant.
Frankfort Sewer Department	Frankfort Sewer Department Cardinal Hills Line Rehab	SX21073040	The Proposed Project Consists Of Rehabilitation Of Clay Sewerlines In Cardinal Hills Subdivision. Currently, The Existing Clay Sewers Experience Excessive Infiltration And Inflow And Eliminate The Sanitary Sewer Overflow At The Cardinal Hills Pump Station. There Are Approximately 130homes In Cardinal Hills Subdivision.
FULTON MUNICIPAL WATER SYSTEM	Fulton Mun Water System - Rehab	SX21075001	Before Any Expansion Can Be Considered, The Current System Will Need A Total Rehab. the System Is Very Old (80-90 Years Old) And Needs Many Repairs. out Of 8 Lift Stations, 6 Will Need To Be Replaced. the Manholes In Fulton, Ky Will Need A Rehab As Well. about 30-35 Miles (158400-184800 L.f.) Of Existing Sewer Lines Will Need To Be Slipped-Lined Or Replaced.
FULTON MUNICIPAL WATER SYSTEM	Fulton-Airport, Water Valley	SX21075002	With Upgrades The City Will Be Able To Extend Lines Out Ky 2149 To The Airport And Also Extend Out Ky 1461 And Ky 166. the City Should Consider Extending Lines Out Us 45 North Through The Southern Most Portion Of Hickman County Into Graves County To Provide Needed Sewer Service To The City Of Water Valley. the Area Surrounding The Airport And An Area Along Us 45 North To Water Valley Has Great Potential For Future Growth. this Growth Is Hindered Due To Failing Septic Systems In Both Areas. this Project Will Provide Sewer Service Utilizing 79,000 L.f. Of 8"pvc And 2 Lift Stations Will Be Added In Water Valley And Two More Lift Stations By The Airport.
HICKMAN MUNICIPAL SEWER SYSTEM	Hickman Mun Sewer System - Rehab	SX21075004	This Project Calls For Sliplined/replacement Of 8"pvc Of 108,243 L.f. the Hickman Municipal Sewer System Is Over 65 Years Old Consisting Mostly Of Clay Pipe. two Lift Stations Will Need To Be Replaced.
FULTON MUNCIPAL WATER SYSTEM	City Of Fulton-Western Expansion Near Ky 166	SX21075006	The City Of Fulton Is Developing A Commercial Area On The West Side Of Town. the Existing Businesses In The Area Will Likely Spur Further Development To Adjacent Properties. due To These Factors, Municipal Sewer Service Needs To Be Extended To This Area, There Are Numerous Homes Off Of Hwy 2568 That Still Use Septic Tanks Within The City Limits. One Liftstation And 4,000 L.f. Of Main Will Be Needed To Complete This Project.
CITY OF HICKMAN	Hickman Municipal Sewer Dept.-Sewer Rehab	SX21075007	The City Of Hickman Is Experiencing Many Problems With Inflow And Infiltration. areas Have Previously Been Identified In An Sses Where Sewer Rehab Is Most Needed. subarea 4, Which Is An Area Along The Ky-1099 Bypass Which Includes A Major Industry And Employer, Is The Primary Problem Area Identified By The Study. other Areas Have Also Been Identified For Sewer Rehab, And May Also Be Included In This Project As Needed. flow Monitoring May Also Be Needed After This Portion Of Rehab Is Complete, In Order To Assess Effectiveness.
CITY OF FULTON	Fulton Municipal Sewer-Interceptor Project	SX21075008	This Proposed Project Will Be Designed To Direct The Flow Straight To The Lagoon. This Will Take The Load Off Of The Main Liftstation, Improving The Overall System Efficiency.
City of Glencoe	Glencoe Sewer Extension Project - 127 N To I-71 And Cemetery Hill	SX21077100	This Project Will Construct Approximately 13,400 Lf Of 8" Gravity Sewer Lines, 4,400 Lf Of 6" Force Main, And 6 Grinder Pumps And 1 Pump Station To Serve 37 New Customers Who Are Currently On Septic Systems And 1 Failing Package Treatment Plant. approximately 18 Septic Systems Are Currently Failing.

	Project Title	WRIS	Description
Gallatin County Fiscal Court Legal Applicant	Cu - Kentucky Speedway/i-71 Interchange Gravity Sewer And Force Main	SX21077101	This Project Will Consist Of Constructing 17,750 Linear Feet Of Gravity Sewer Collector Sewer, 10,000 Linear Feet Of Force Main, And 1 Regional Pump Station. this New Sewer System Will Promote Economic Development Along The New I-71 Interchange And New Regional Airport Facility Near I-71 Mile Marker 57. the Construction Of This System Could Create Approximately 520 New Jobs For The Planned 170 Acre Development At The Interchange And The New Regional Airport Facility. this Project Will Also Eliminate The Existing Equalization Basin At The Kentucky Speedway Which Will Benefit The Proposed Expansion Of This Facility Due To The Anticipated Nextel Cup Event.
City of Warsaw	City Of Warsaw - Wastewater System Improvements	SX21077102	This Project Will Increase The Capacity Of The Wastewater Plant To Accomodate New Industry And Population Growth. the Project Will Remove And Replace 8" Collection Sewer, Provide Telemetry To Existing And Proposed Pump Station.
Gallatin County Fiscal Court	Carrollton Utilities - Markland Dam/gallatin Sewer	Steel SX21077103	Construct An Interceptor Sewer From The Markland Dam To The Existing Ghent Stp That Will Eventually Be Taken Offline Once The New Carrollton Regional Stp Is Constructed. The Project Will Eliminate The Gallatin Steel Wwtp And Serve Other Industry Along Us 42, Including Steel Tech And Ky Utilities.
Gallatin County Fiscal Court	Carrollton Utilities - Lawrence / Ky 467 Sewer Extension	SX21077104	Wastewater Collection System Consisting Of 2955 Lf Of 2" Pvc Common Forcemain And 5 Grinder Pumps To Serve 5 Homes On Ky 467 East Of Sanders, Ky In Gallatin County.
Lancaster Wastewater Treatment Plant and Sewer Department	Lancaster Wastewater Treatment Plant Improvements	SX21079001	This Project Involves Improvements At The Wastewater Treatment Plant. improvements Include Replacing The Existing Manually Cleaned Bar Screen With A Mechanically Cleaned Bar Screen And Replacing The Existing Pump Station Completely.
Lancaster Wastewater Treatment Plant and Sewer Department	Lancaster Sanitary Sewer Rehabilitation	SX21079004	Rehab Of Sewer Lines Identified By The Sanitary Sewer Evaluation Survey
Lancaster Wastewater Treatment Plant and Sewer Department	Lancaster Sanitary Sewer Evaluation Survey	SX21079005	Comprehensive Evaluation Of The Condition Of The Sanitary Sewer Collection System. involves Televising Inside Of All Sewer Lines, Smoke Testing For Illegal Connections, Inspection Of Manholes.
Lancaster Wastewater Treatment Plant and Sewer Department	Lancaster Wastewater Facilities Plan Update	SX21079006	Update The Regional Wastewater Facilities Plan.
City of Lancaster	Lancaster - Sewer Line Extension - Buckeye Street (ky39)	SX21079007	Extension Of Approximately 1,425 Linear Feet Of Sanitary Sewer Line To Serve Eight (8) Homes On Buckeye Street That Currently Have Inadequate Sewage Disposal.
City of Lancaster	Lancaster - Sewer Line Extension - Us 27 North	SX21079009	Extension Of Approximately 6450 Linear Feet Of Sanitary Sewer Line To Serve 50 Homes And Businesses Along Us 27 In The Northern Portion Of The City That Currently Have Inadequate Sewage Disposal.
City of Lancaster	Lancaster - Sewer Line Extension - Glenmore Estates	SX21079010	Extension Of Approximately 7,500 Linear Feet Of Sanitary Sewer Line To Serve 38 Homes In Glenmore Estates That Currently Have Inadequate Sewage Disposal.
City of Lancaster	Lancaster - Sewer Line Extension - Merriwood Estates	SX21079011	Extension Of Approximately 13,200 Linear Feet Of Sanitary Sewer Line To Serve 47 Homes In Merriwood Estates That Currently Have Inadequate Sewage Disposal.
Lancaster Wastewater Treatment Plant and Sewer Department	Lancaster Wwtp: Oxidation Ditch Air Injection System	SX21079012	This Project Involves Improvements At The Wastewater Treatment Plant. improvements Include A New Diffused Air System In The Oxidation Ditches. **amended** \$245,000 From 2005 Tobacco Monies Have Been Applied To This Project.
City of Lancaster	Lancaster Utility Security Improvements Part B	SX21079013	This Project Involves Improving Security At The Wastewater Treatment Plant. at The Wastewater Treatment Plant, It Includes Installation Of A Mechanized Gate With Keyboard Access, Closed Circuit Cameras, Motion Detection, Card Access Doors And Door Monitors.

	Project Title	WRIS	Description
City of Williamstown Legal Applicant	Williamstown Collection System Expansion	SX21081301	Extend Collection Lines To The Following Areas: mason Corinth School, Kentucky Transportaion Garage, Barnes Pike And Baton Rouge Road. approximately 82 Customers Will Be Served. approximately 100,200 Lf Will Be Installed.
City of Dry Ridge	Dry Ridge Sewer Pump Stations C & D Upgrades	SX21081302	This Project Will Upgrade The Pumping Capacity Of Two Sewage Pumps In The City. a 550 Gpm Pump Will Be Upgraded To 700 Gpm And A 700 Gpm Pump Upgraded To 800 Gpm.
Grant County Sanitary Sewer District	Grant County Sewer Extension, Phase I	SX21081303	Construction Of 14,080 Lf Of Gravity Sewer Main With Manholes, 2 Sewer Pump Stations, 3 Grinder Pump Stations, And 16,000 Lf Of Force Main To Serve Customers On Highway 25 From City Of Crittenden Sewer System To Sherman Including Connection To Public System And Elimination Of Grant Mhp, Blackwell Mhp And Koa Wastewater Treatment Plants Serving A Total Of 190 New Customers.
City of Williamstown, KY	Williamstown-Dry Ridge Wastewater Treatment Plant	SX21081304	This Proposed Project Will Include The Design And Construction Of A New 2.0 Mgd Wastewater Treatment Plant And 18,500 Feet Of 24 Inch And 30 Inch Interceptor Sewer To Serve 1,915 Residential Customers As Well As Commercial And Institutional Customers In Williamstown And Dry Ridge.
Grant County Sanitary Sewer District	Grant County Sanitary Sewer District - Surge Tank At Wwtp	SX21081305	Install 75,000 Gallon Surge Tank To Receive Sanitary Sewer Flow And Distribute Continuously To Wwtp. Currently 80% If Sanitary Sewer Flow Comes From One Pump Station And At Times Overloads Wwtp.
Grant County Sanitary Sewer District	Grant County Sanitary Sewer District - Pump Station Elimination	SX21081306	Gravity Sewer Line From Vincent #1 Pump To Vincent #2 Pump And Eliminate Vincent #1 From The System, And Gravity Sewer Line From Le Hi Pump To Case Lane Pump And Eliminate Le Hi Pump.
Grant County Sanitary Sewer District	Grant County Sanitary Sewer District - Bingham Pump Station Replacement	SX21081307	Replace Existing Pumps And Add Additional Wet Well Capacity For An Existing Pump Station
City of Dry Ridge	City Of Dry Ridge - 2008 Sewer System Improvements	SX21081502	Upgrade 2 Existing Lift Stations To Accomodate Growth
City of Dry Ridge	City Of Dry Ridge - 2008 Sewer Line Extension	SX21081503	This Project Will Extend Sewer Lines Along Curry Lane To Serve 8 Customers And Accomodate Future Growth.
City of Dry Ridge	Dry Ridge - Cedar Crest Ptp Construction	SX21081600	This Project Will Construct A 9,600 Gpd Package Treatment Plant To Serve 24 Residential Consumers. eighteen Customers Are Currently Served By The Wastewater Lagoons That Are In A State Of Disrepair And Failure. the Proposed Ptp Will Discharge Into An Unnamed Tributary Of Jacks Lick, Which Is A Tributary Of Clark'S Creek.
City of Corinth	Corinth - Marathon Drive Sewer Line Extension	SX21081901	Extend Sewer Line Down Marathon Drive To Serve 19 Residents
City of Corinth	Corinth Sewer System Improvements	SX21081902	Construction Of Approximately 3,000 Feet Of 3-Inch Force Main To Increase The Reliability Of The Existing Low Pressure System.
GRAVES COUNTY FISCAL COURT	Graves County-Hardeman Community	SX21083002	The Proposed Line Picks Up The Community Of Hardeman And Other Residents Of Graves County. this Is An Area That Has Both Residential And Industrial Growth Potential. approximately 9 Miles Of New 8" Pvc And 3 Lift Stations Will Be Needed To Provide Adequate Sewer Service.
GRAVES COUNTY FISCAL COURT	Graves County Fiscal Court-Ky 121, Farmington	SX21083003	This Line Runs Along Ky 121 To The Community Of Farmington. it Picks Up An Elementary School And Many Resdents Along The Way. this Area Has Seen Moderate Growth. the Soils Out In The Area Of Farmington Are Not Good Soils For Septic Systems And Some Septics Are Failing. approximately 8 Miles Of New 8" Pvc And 2 Lift Stations Are Needed To Provide Adequate Sewer Service In This Area.

			Project Title	WRIS	Description
GRAVES COUNTY FISCAL COURT Legal Applicant			Graves County-Ky 303, Cuba	SX21083004	This Project Supplies Sewer To An Area That Has Seen Explosive Growth And Is Still Growing. there Are Several Small Package Plants That Can Be Absorbed By The Larger System Of Lines. the Project Supplies Sewer To The Community Of Cuba And The Many Subdivisions In The Project Area. approximately 35.5 Miles Of New 8" Pvc And 5 Lift Stations Are Needed To Provide Adequate Sewer Service. this Project Will Eliminate 3 Mechanical Treatment Plants, 2 Lagoons And Numerous Failing Septic Systems.
GRAVES COUNTY FISCAL COURT			Mayfield/graves County-Pryorsburg Sewer Project	SX21083006	The Project Provides Sewer To An Area That Has Growth Potential And Will Benefit The Residents That Already Live There. it Provides Sewer To The Community Of Pryorsburg And The Surrounding Area. the Project Would Also Pick Up Several Small Businesses Along Us 45. Approximately 7.8 Miles (41,120 L.f.) Of New 8" Pvc And 3 Lift Stations Will Be Needed To Provide Adequate Sewer Service.
GRAVES COUNTY FISCAL COURT			Graves County-Ky 80 North, Fancy Farm	SX21083007	This Project Connects The Community Of Fancy Farm With The City Of Mayfield. it Will Also Pick Up Several Residents Along Ky 80 North. there Are A Few Subdivisions In The Area And Has A Huge Growth Potential. approximately 12 Miles (63,360 L.f.) Of New 8" Pvc And 4 Lift Stations Will Be Needed To Provide Adequate Sewer Service.
GRAVES COUNTY FISCAL COURT			Graves County-Ky 121 N And Ky 440, Lowes	SX21083008	The Project Provides The Community Of Lowes With Sewer And Several Other Small Communities. the Routes Of Ky 121 N And Ky 440 Have A Well Established Base Of Residents. the Area Has A Growth Potential That Will Only Be Enhanced By Existing Sewers. the Soils Around The Community Of Lowes Are Not The Best For Septic Systems. there Are Several Smaller Subdivisions Along Both Routes That Will Benefit From The Sewers And May Encourage Other Subdivisions To Be Created. approximately 19.6 Miles (103,488 L.f.) Of New 8" Pvc And 5 Lift Stations Will Be Needed To Provide Adequate Sewer Service.
SYMSONIA WATER & SEWER DISTRICT			Symsonia Sewer System Improvements	SX21083010	The Symsonia Water District'S Sewer System Is In Dire Need Of Improvements. the District'S Lift Stations Need To Be Rehabilitated To Guarantee Continued Operation.
SYMSONIA WATER & SEWER DISTRICT			Symsonia-Dooms Chpl Road	SX21083011	This Project Will Provide Sewer For 12 Homes Currently On Failing Septic Systems. the Symsonia Water & Sewer District Will Install An 8" Pvc Gravity Feed Of 9230 L.f.
PURCHASE CORPORATION	PUBLIC SERVICE		Ppsc-Holifield Heights Connection To Mayfield Electric & Water	SX21083012	Extend A Wastewater System Collection Line From The Holifield Heights Subdivision To Mayfield Electric And Water Systems. this Line Will Be Approximately 1.8 Miles In Length And Will Serve A Low Income Community With An Aging Treatment System
Fancy Farm Water & Sewer District			Fancy Farm Water & Sewer-Ky 339 South And Carrico Rd. Sanitary Sewer Extension	SX21083013	The Proposed Project Consists Of The Construction Of Approximately 4,500 L.f. Of 8" Gravity Sewer With Related Appurtenances And The Construction Of A New Duplex Submersible Lift Station. the Project Will Provide Service To Approximately 16 Existing Households That Are Now Serviced With A Low Pressure Sewer System. the Low Pressure Sewer System Has Been A Persistent Maintenance Problem For The Fancy Farm Water And Sewer District. construction Of The Proposed Sanitary Sewer Extension Will Also Allow The District To Serve A New Subdivision Being Developed North Of Carrico Rd. And West Of Ky 339

	Project Title	WRIS	Description
Fancy Farm Water & Sewer Legal Applicant	Fancy Farm Water & Sewer-Wastewater Plant Upgrade	SX21083014	This Project Consists Of Improvements To The Wastewater Treatment Plant That Will Enable Elimination Of The Daf Unit At The Existing Wastewater Treatment Plant. the Existing Daf Unit, While Functional, Has Excessive Operating Costs Associated With Labor And Electricity. the Proposed Improvements For The Fancy Farm Wwtp Would Eliminate The Need For The Daf Through Improvements To The Aeration System. previous Experience With Other Lagoon Systems In The Area Indicates That Improved Aeration Will Help Control Algae Growth Which Usually Occurs In Oxygen Deficient Conditions.
GRAVES COUNTY FISCAL COURT	Southern Mayfield/graves County Wastewater Collection System Extension	SX21083015	This Project Will Eliminate Three Lagoons And Three Package Plants, All Located South Of Mayfield. these Extensions From Mayfield Electric & Water Will Pick Up 376 Unserved Households And 171 Underserved Households. many Of These Households Have Failing Septic Systems, And Will Benefit From This Project. the Project Has Two Main Areas, One Of Which Will Serve Ky 303 South Of Mayfield To Sanders Lane, Picking Up Several Houses Along The Way. several Subdivisions On County Roads Along This Route Will Be Included, As Well. The Other Project Area Will Pick Up Customers Along Old Dukedom Road, Extending To Dodson Road And The Holifield Heights Subdivision. Approximately 10.2 Miles Of 8" Pvc And 3-4 Liftstators Will Be Required For This Project.
CITY OF MAYFIELD	Mayfield-10th Street Lift Station And Sewer Line Rehab	SX21083016	The Lift Station That Is Located On 10th Street Has Exceeded Its Intended Design Life, And The Tributary Gravity System Has Deteriorated To The Point That Inflow And Infiltration Are Considered Excessive During And Shortly After Rainfall Events. the Liftstation And Force Main Needs To Be Replaced, And A Combination Of Gravity Sewer Line Replacement And Cured-In-Place Gravity Sewer Rehabilitation Should Be Implemented. this Will Also Aid In Consolidating Service From Several Package Plants With Mayfield.
CITY OF MAYFIELD	Mayfield Electric & Water Composting Facility	SX21083017	Mayfield Intends To Incorporate A New Municipal Composting Facility Into Operation. This Will Help Control Operational Expenses Associated With Sludge Disposal, As Well As Provide An Environmentally Sensitive Method To Deal With Vegetative Yard Waste. this Is A Much More Environmentally Conscious Solution Than The Typical Methods Of Disposal, Open Burning And Landfilling.
CITY OF MAYFIELD	Mayfield-Wwtp Upgrade	SX21083018	Mayfield Plans To Expand Their Treatment Plant To Handle A Peak Flow Of 12 Mgd, In Order To Accommodate For Future Growth And Expansion Of The System. the Recommended Modifications Include An Additional Headworks Structure, Including Screening And Grit Removal, Piping Modifications In And Out Of The Oxidation Ditch, Two New Clarifiers Complete With Return And Waste Pumping Facilities, And New Post Aeration And Ultraviolet Disinfection. also Mayfield Would Like To Add Scada System Controls To Existing Lift Stations Which Will Increase Efficiency Of The Treatment System.
CITY OF MAYFIELD	Mayfield-Interceptor Project	SX21083019	Near The Woolen Mill Ditch, Three Interceptors Flow Into One 18" Sewer. these Interceptors Have A Combined Capacity Of 6.3mgd, And The Receiving Sewer Has A Capacity Of Only 2.7 Mgd. this Project Would Replace The Current 18" Line With A 24" Line, Increasing The Capacity To 5.6 Mgd. this Will Also Eliminate Or Significantly Reduce Overflows From 5th And Housman And 6th And Lochridge.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water-9th & Gardner Subbasin Rehab	SX21083020	This Project Consists Of Smoke Testing Areas In The 9th & Gardner Subbasin. this Will Help Pinpoint Specific Locations Where Rehab Is Most Needed. the Cost Of The Project Will Depend On The Extent Of The Rehab Needs. it Is Currently Estimated At \$300,000.

	Project Title	WRIS	Description
MAYFIELD ELECTRIC & WATER Legal Applicant	Mayfield Electric & Water-Bel-Aire Cipp	SX21083021	The Limited Size Of This Drainage Basin Allows For The Feasibility Of Eliminating This Overflow Point By Rehabilitation Of The Sewer Lines Alone. the Cured-In-Place Method Should Be Utilized To Rehab 5,500 L.f. Of 12" Line. if Possible, The Pumpstation Itself Will Be Examined For Possible Upgrades And/or Scada Be Installed.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water-9th & Gardner	SX21083022	In Order To Relieve Overflows At North 9th Street And Gardner Street, The Existing 10-Inch Sewer Should Be Replaced With 12-Inch. this Will Increase The Capacity From 625 Gpm To 1,000 Gpm. also, Smoke Testing Of The Subbasins Will Be Included. point Repairs And Main Replacement Of Lines And Laterals Will Be Part Of The Project.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water-Washington St.	SX21083023	This Project Will Examine The Washington Street Subbasin, In Order To Determine The Most Needed Areas For Sewer Rehab. the 10" Line In This Area Will Likely Be Replaced.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water-Red Duck Creek Interceptor Rehab	SX21083024	This Project Will Entail The Cured-In Place Rehab Of Approximately 6,700 L.f. Of The 21" Red Duck Creek Interceptor. this Project Is Estimated At \$700,000. the 18" Interceptor, In Very Poor Condition, Will Be Abandoned.
LAZY ACRES MHP	Lazy Acres Mhp-Mayfield Interconnect	SX21083025	This Project Involves Providing The Lazy Acres Mobile Home Park, Located In North-Central Graves County, With Municipal Sewer Service. lazy Acres Is Currently Served By A Lagoon, Which Would Be Eliminated By This Project. a Liftstation And New Pvc Lines Will Be Needed To Connect To The Existing Line On U.s. 45.
PURCHASE PUBLIC SERVICE CORPORATION	Ppsc-Holfield Heights-Replace Treatment Facility	SX21083026	In June Of 2007 The Wastewater Treatment Plant Serving The Holfield Heights Subdivision Of Graves County Was Destroyed When A Car Crashed Through The Fence And Into The Facility. ppsc Is Seeking To Replace The Treatment Facility With A Lagoon.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water - Telemetry For Wwp & North Industrial Line	SX21083027	In Order To Continue To Provide Quality Service To Its Customers, The Mayfield Electric & Water System Has Requested Funding To Add Telemetry To Its Waste Water Plant And North And Industrial Line. this Will Allow For The Future Growth Of The System.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water - Rehab Wngo Gravity Sewer	SX21083028	In Order To Continue To Provide Quality Service To Its Customers, The Mayfield Electric & Water System Has Requested Funding To Rehabilitate 19,000' of Gravity Sewage Line. this Will Allow For The Future Growth Of The System.
MAYFIELD ELECTRIC & WATER	Mayfield Electric & Water - Rehab Of 10th & Hale St	SX21083030	In Order To Continue To Provide Quality Service To Its Customers, The Mayfield Electric & Water System Has Requested Funding To Rehabilitate 20,000' of Gravity Sewage Line. this Will Allow For The Future Growth Of The System.
Symsonia Water & Sewer District	Symsonia-Ky 534 Extension	SX21083031	This Area Offers Prime Land For Potential Growth. this Project Will Include 8" Pvc Gravity Feed @ 7100 L.f With 17 Manholes. due To A Large Lense Of Pan Clay, This Area Does Not Percolate. therefore, A Sewage System Will Help Alleviate Several Failing Septic Systems
City of Caneyville	Caneyville Wastewater Plant Upgrade And Line Extension	SX21085001	Upgrade Wastewater Plant To Help With Ill Problem. Extend Wastewater Lines To Customers Within The City Limits, And Upgrade A Pumping Station. the Total Estimated Project Cost Is \$1,600,000.
Grayson County Fiscal Court	Grayson County 201 Facilities Plan	SX21085003	This Project Will Study The Feasibility Of Providing Sanitary Sewer Service To All Currently Unserved Areas In Grayson County.
City of Clarkson	Clarkson Wastewater Line Extension	SX21085004	This Project Consists Of A Sanitary Sewer Extension To Serve Two Restroom Buildings At The City Park That Are Currently Connected To Holding Tanks. a Grinder Pump Will Be Constructed At Each Restroom Building Along With 2,400 Linear Feet Of 2-Inch Force Main, 600 Linear Feet Of 8-Inch Sewer Line, And 3 Manholes. the New Construction Will Be Connected To An Existing Sewer Pumping Station On Old Leitchfield Road West Of The City Park.

	Project Title	WRIS	Description
City of Leitchfield Legal Applicant	City Of Leitchfield Grayson County High School Area Sewers/maple Leaf Estates	SX21085005	The City Of Leitchfield Is Proposing To Extend Sewer Lines And Forcemain To The Grayson County High School And Maple Leaf Estates Subdivision Where 27 Unserved Homes Will Be Connected To Sewer Lines. the Project Will Provide Public Sewer Service To An Unserved Area Of Grayson County. the Project Will Eliminate A Package Sewage Treatment Plant Currently Serving The Public Schools. this Project Will Include A Grinder Pump Station, Collector Sewers And A Transfer Pump Station. the Total Estimated Project Cost Is \$1,224,300.
City of Leitchfield	City Of Leitchfield: fountain View Subdivision Wastewater Project	SX21085006	The Project Will Provide Sewer Service In The Fountain View Subdivision Area. the Project Includes The Construction & Installation Of A 200 Gpm Wastewater Pump Station At The End Of Meadow Book Lane; Installation / Replacement Of Approx. 7,300 L.f. Of 4in. Force Main From Hwy 1214 With Two Small Ginder Pumps; And Approx. 15,000 L.f. Of 8"-10" Gravity Sewer Together With All Appurtenances.
Sanitation District #1 of Green County	Green Co/summersville Sewer System Improvements, Upgrade & Expansion	SX21087002	Sys. Currently Includes 179 Grinder Pumps. Proj. Is To Convert From A Pres. Sys. To A Gravity System, Where Feasible, Thus Eliminating Grinder Pumps Which Will Reduce The Maintenance Costs. this will Include Needed Upgrades At The Wwtp To Handle Ex. Flows. proj. Is To Also Reduce I & I From Illegal Private Sources. this Will Bring The Wwtp Into Permit Comp. And Reduce Dmr Violations. the Sys. Is Unable To Secure Funding To Complete All Of The Profile At One Time So It Will Be Done In Phases, Thus Causing A Need To Repair And Replace Comps. Of The Sys. To Keep It Operat. Until All Change Overs Can Be Accom. the Total Estimated Cost Is \$3,098,175. 0-2 Year Start Date.
City of Greensburg	Greensburg Sewer Expansion Project #3	SX21087003	Project Consists Of Construction Of 6,300 Lf Of 8 Inch Gravity Sewer Main, 1,170 Lf Of 4 Inch Sewer Service Line, 5,700 Lf Of 3 Inch Force Main, 26 Manholes, And 3 Sewage Lift Stations To Serve 59 Residences In The Old Kentucky Highway 68 Area, Moore Drive, Green River Drive, Second Street, And Green River Mobile Home Park.
City of Greensburg	Greensburg/goose Creek Sewer Line Renovation	SX21087004	Project Consists Of Replacing Approximately 5,000 Lf Of 6 Inch Sewer Line With 8 Inch Sewer Line And Appurtenances For Sewer Collection
Green County Sanitation District #1	Gcsd#1 – Wastewater Treatment Plant Upgrades	SX21087008	The Existing Wwtp Rectangular Final Settling Tank Is Currently Experiencing Poor Solids Separation. the Existing Rectangular Final Settling Tank At The Wwtp Is Not In Compliance With The Design Recommendations By The Ten States Standard. this Existing Wwtp Is Experiencing The Difficulty Of Meeting The Total Suspended Solids (tss) Effluent Removal Of Its Permit. a New Final Circular Clarifier (20-Ft In Diameter) Is Proposed To Be Built To Enhance The Better Settling Process. this Will Help To Improve The Tss Removal, And Therefore Better Uv Disinfection.
Green County Sanitation District #1	Gcsd#1 – Wwtp Upgrades	SX21087009	The Existing Laboratory Occupies Approximately 230 Sq. Ft. Of Floor Space In The Control Building At The Wwtp. the Proposed Improvement Consists Of Upgrading The Existing Laboratory To Be Furnished With A New Cabinet, Fume Hood, And Laboratory Equip. Such As Analytical Balance, Refrigerator With Freezer, Labware Washer, Etc. these Improvements Will Provide The Tools And Environment For Laboratory Work To Be Performed At The Wwtp To Better Analysis The Ext. Operation Of The Wwtp To Better Serve Ext. Users And The Environment To Ensure The Final Effluent Is Safe To Discharge To The Ext. Streams.

	Project Title	WRIS	Description
Green County Sanitation District #1 Legal Applicant	Gcsd#1 – Pump Station Rehabilitation Project	SX21087010	The Existing System Currently Has Four Major Pump Stations That Need Rehabilitation And Upgrades. these Four Pump Stations Are Aging And Need Repair. one Of These Stations Will Need Reconstruction Of The Wet Well To Serve Existing Users With Gravity Sanitary Sewer Line Instead Of The Existing Pressurized System. the Rehabilitation Of These Existing Pump Stations Will Ensure That The Existing Users Can Continue To Have A Reliable Source Of Sanitary Sewer Service.
City of Greensburg	Greensburg – Wwtp Improvements	SX21087011	Project Involves The Replacement Of The Existing Chlorine Contact Chamber And Screen System And Addition Of Telemetry At The Existing Greensburg Wwtp.
City of Greensburg	Greensburg Commerce Park - Project 1	SX21087013	The Project Will Provide Sewer Service To Sites In The Greensburg Industrial Park Which Were Cut Off From The Rest Of The Park By A New Highway 61 Bypass. these Sites Have Water Service. the Project Is Prosing To Construct 2,220 Lf Of 8" Gravity Sewer Line And Nine (9) Manholes To Connect To An Existing Sewer Lift Station Located In The Main Portion Of The Industrial Park. the Existing Lift Station And Sewer Lines Hace More Than Adequate Capacity To Accomodate Additional Flow From Proposed Businesses. the Route For The New Sewer Line Will Be Constructed On Previously Distrubed Land Due To The Construction Of The Highway 61 Bypass And Grading Of The Industrial Park.
Green County Sanitation District #1	Green Co. Sd#1 – Wastewater System Upgrades	SX21087014	The Wwtp And Collection System For Sd#1 Are In Need Of Capital Improvements To Provide Reliable Treatment. the Existing Oxidation Ditch Has A Design Adf Of 80,000 Gpd. proposed Improvements To The Facility Include Replacement Of The Uv Disinfection System, Construction Of New Circular Clarifiers, Ras, And Scum Pumping Facilities, And The Addition Of A Backup Generator. the Wwtp Is Not Meeting Effluent Permit Limits And The Proposed Improvements Are Intended To Allow The Facility To Meet Kdow Treatment And Redundancy Standards And To Improve Performance And Effluent Quality. additional Improvements To The Collection System Are Also Needed. the Total Estimated Cost Is \$740,000. 0-2 Year Start Date.
City of Worthington	Worthington Edsel Avenue Storm Water Drain Bypass	SX21089002	Redirect A Storm Drain Away From The Edsel Avenue Lift Station, Where It Currently Empties, To The Overflow Pipe Of That Lift Station To Empty The Rain Water Into The Ohio River. the Project Will Accomplish Two Goals: 1) Keep The Sewage Treatment Plant From Treating Rain Water. 2) keep The Lift Station From Overflowing When It Rains.
City of Worthington	Worthington Stp Belt Press	SX21089003	Purchase A Belt Press And Construct A New Building In Which To House It.
City of Worthington	Worthington Stp Sulfur Dioxide Drain	SX21089004	At Stp, Add Drain To The Sulfur Dioxide Tank And Connect It To An Existing Pump Via A Valve To Allow Cleaning The Tank, And Pump The Sludge Taken From There Back To The Head Of The Plant.
City of Worthington	Worthington: sanitary Sewer Rehabilitation Project	SX21089005	Replace The Vitrified Clay Pipe And Brick Manholes That Have Served The East Side Of The Melrose Subdivision Of Worthington For Over 50 Years.
Greenup County Environmental Commission	Gcec: new Clarifier Units & Wwtp Improvements	SX21089006	Replace Two Rectangular 1.75 Mgd Clarifier Units With Two 3.0 Mgd Circular Clarifier Units And Perform Necessary Improvements At The Gcec Wwtp. project Will Affect The Population Of Five Cities For An Estimated Cost Of \$1,657,000. loan And Grant Applications Are Pending.
City of Flatwoods	Flatwoods: us 23 Pump Station And Lines	SX21089008	Upgrade The Pump Station And Replace The Lines Along 1st Street And Meade Street In Order To Eliminate Infiltration Problems.
City of Flatwoods	Flatwoods: 693 Road Project	SX21089009	Replace 2000 Feet Of Pipe And Upgrade The Espy Lane Pump Station. this Will Eliminate Serious Infiltration Problems Along This Stretch Of Pipe As Well As Overflow Due To Ps Problems.
City of Flatwoods	Flatwoods: hamer Street Project	SX21089010	Replace The Sewer Line Along Hamer Street To The Pump Station To Eliminate Inflow And Infiltration Problems.

	Project Title	WRIS	Description
City of Russell Legal Applicant	Greenup County Fiscal Court - Russell/flatwoods- Russell Heights Sewer	SX21089012	Installation Of Gravity Lines, One Pump Station And Force Main, And Necessary Manholes In The Unserved Area Of Russell Heights. project Will Include 7 Households Within The City Of Flatwoods By Agreement With That City. also, This Project Will Run Concurrently With A Water Project (paid For Internally By Russell) For The Same Homes Because All Streets In The Project Area Will Be Excavated And Re-Paved. Estimated Cost Is \$500,000.00 committed Funds Of \$60,000 From 2003 Cdf Are Available, And The City Is Committed To Borrowing Up To \$350,000 Contingent Upon No Penalty For Early Payment Of Loan.
City of Russell	Russell: manhole Rehab Project	SX21089014	Seal Coat 30 Brick Manholes And Replace Their Vented Lids With Sealed Lids.
City of Raceland	Raceland: campbell Street & County Road Sewer Extension	SX21089015	This Project Provides For Extension Of Gravity Colletcor Sewer Service To 2 Unsewered Side Streets Now Using Septic Tanks. the Flow From This Project Will Be Handled By The Pond Run Gravity Interceptor Line Sout Of Us23. the Extension Would Flow Into Manholes On Raceland Ave. there Are 2 Failing Septic Tanks On Campbell St. And 3 On County Road (a Short City Street). county Road Will Require A Small Lift Station To Serve The Existing Residences With The Potential For 15 To 30 Residences To Be Built Above This Location Which Would Justify A Larger And More Expensive Lift Station At Some Later Date. the Campbell St. Line Has The Potential For 10 New Residential Sites To Be Handled By Gravity Flow. there Are 3 Residences On Campbell St. Which Have Leaking Lateral Lines. the New Line Would Provide Improved Connections And Eliminate Ill Flows Entering The Existing City System.
City of Raceland	Raceland: pond Run Interceptor Force Main	SX21089016	This Project Provides For The Removal Of The Flow Of The Existing Pond Run Forcemain From The Gravity Interceptor Sewer On Pond Run. this Proposed Construction Would Remove The Forcemain From The Heavily Loaded Gravity Line About 800 Feet South Of Us-23 And Provide For The Forcemain To Extend Directly To The Greenup County Environmental Commission'S (gcec) Raceland Pump Station Where The Old Raceland Sewer Plant Was Located. this Would Eliminate An Ssop Overflow Problem On The Gravity Interceptor Line Between Us23 And The Gcec Lift Station And It Would Provide For Additional Capacity Needed For New Housing Development Activity Now Under Construction In The Gravity Area South Of Us 23. in Addition To The Extension Of The Forcemain, The Pond Run Lift Station Will Have To Undergo Some Renovations To Cover The Additional Head Required To Pump The Flow On To The Gcec Lift Station.
City of Raceland	Raceland: cherokee Road Sewer Extension	SX21089017	This Project Provides For The Extension Of Gravity Collector Sewer Service To An Unsewered Area Now Using Septic Tanks. the Flow From This Project Will Be Handled By The Pond Run Gravity Interceptor Line South Of Us23. the Gravity Extension Would Flow To A New Lift Station Which Would Discharge Into Manhole 283-A Of The Existing Gravity Collector Line At The Top Of The Hill On Cherokee Road. it Would Serve 17 Existing Homes And 2 Commercial Business. there Are 15 Undeveloped Home Sites And 3 Commercial Sites In The Area Of This Extension.
City of Raceland	Raceland: lost Canyon And Caroline Road Sewer Extension	SX21089018	This Project Provides For The Extension Of Gravity Collector Sewer To An Unsewered Area Now Using Septic Tanks Which Drain Into The Pond Run Area Of The City South Of Us23. the Flow From This Project Will Be Handled By The Pond Run Lift Station. lost Canyon Would Connect To The Existing Gravity Sewer On Green Drive And Would Serve 7 Existing Homes And 15 Undeveloped Home Sites Which Would Develop With The Availability Of Sewer. the Caroline Road Portion Of The Extension Porject Would Be Connected To The New Hillview Drive Gavity Sewer Line.

	Project Title	WRIS	Description
City of Raceland Legal Applicant	Raceland: us 23 & Caroline Road Sewer Extension	SX21089019	This Project Provides For The Extension Of Greavity Collector Sewer To An Unsewered Area Along The South Side Of Us 23 Opposite The Poplar Highlands Area And Extending Up Caroline Road To Catch The Area Draining Toward Us23. the Gravity Sewer Would Discharge Into A Lift Station For Transfer Back To The Nearest Gravity Sewer In East Poplar Highlands Subdivision. the Area Along Us 23 Is Served By An Old Community Septic Tnak From A 1930'S Development Which Serves 5 Residences And 8 Apartments. this System Has Not Functioned Properly For Several Years And Discharges Into A Stagnant Pond Located Between Us 23 And The Poplar Highlands Subdivision Creating A Health Hazard. there Are 27 Residential Units, 1 Church, And 2 Businesses In The Proposed Service Area. the Proposed Design Would Provide For The Eventual Elimination Of The Lift Station And Allow For Gravity Discharge Into A Major Sewer Extension For Approximately 100 Residences Of The Poplar Highlands Subdivision. this Future Project Would Occur In The Next 5 To 10 Years. at That Time The Lift Station Would Be Recycled To Another City Project. construction Along Us 23 Is Increasing With The Need For Expansion Of The Present Project To A Planned 30 Residential Lots.
City of Wurtland	Wurtland: Lloyd Sanitary Sewer Project	SX21089021	Provide Sanitary Sewer Service To Approximately 502 Existing Structures In The Community Of Lloyd In Greenup County, The Majority With Failing Septic Systems. construct A Force Main To Carry The Sewage To The Wurtland Stp. install Pump Station To Pick Up The City Of Greenup Sewage From Another 500 Households While De-Commissioning The Stp In That Community. add Screening Device At The Wastewater Plant. estimated Cost Is \$6,725,000
City of Worthington	Worthington Blower And Lab Building Project	SX21089022	Replace The Blowers And The Lab Building Consisting Of The Blowers, Lab, Restroom, Chlorine And Sulfur Dioxide Storage Room, And Application Room For Chemicals.
Wurtland Sewer System	Wurtland: east Park Site C	SX21089025	Install Two Pump Stations And 25,000 Lf Of 4 Inch Wastewater Line From Us Rt23 Along Ky Rt 67 To Intersection Of Ky Rt 207 To Serve Site "c" Of East Park Industrial Park.
Worthington Sewer Department	Worthington Market Street Sewer Lines	SX21089027	Abandon In Place Line 1,the 4 & 6 Inch Sewer Line Between Market St And Eastern Ave, And Replace With New 8" Pvc, Install 2 New 6" Service Laterals, Install One New Manhole And Replace An Existing Manhole. line 2 (in The Alley North Of Market St)will Abandon An Existing 6" Line And Replace With A New 8" Sewer Line, Build One New Manhole And Upgrade Another. project Will Serve About 16 Existing Customers, Remove Ill Problems On The Failing Lines, Require About 400 Lf Of Pipe. Cost With City Providing Labor Is \$7,800.
Wurtland Sewer System	Wurtland: conley Subdivision Sewer Project	SX21089028	Upgrade Chinn'S Branch Lift Station; Install Approximately 6000 Lf Of Pvc Pipe To Provide Sewer Service To The Conley Subdivision To Provide New Service To 47 Households For An Estimated Cost Of \$415,750.00.
City of Raceland	Raceland: franklin Avenue Rehab Project	SX21089030	Repair Or Replace 60 Lf Of Collapsed Sewer Line On Franklin Ave. project Will Affect A Local Trailer Park With 38 Households And An Additional 10 Households On Rogers Ave Whose Sewer Line Connects To This Section Of Collapsed Line. the Manhole Where The Franklin Ave And Rogers Ave Sewer Line Meets Will Also Be Repaired. project Will Cost An Estimated \$18,000.
City of Raceland	Raceland: sanitary Sewer Rehab Project	SX21089031	Project Involves Rehabilitation Of Nine Small Sections Of The Collection System On Various Streets: greenup Avenue, Chinn Street, Williams Avenue, Linwood Street, And Raceland Avenue. about 20 Households Will Be Affected For An Estimated Cost Of \$50,000.
South Shore Wastewater Treatment Plant	South Shore: Repair And Rehabilitation Of Collection System	SX21089032	Repairs To The Collection System And Pump Stations To Address The Failures Identified In The Sses Study. estimated Cost Is \$880,000

	Project Title	WRIS	Description
Raceland Sewer System Legal Applicant	Raceland: Pond Run Rd Collapsed Main Project	SX21089033	Replace Or Repair The 12" Gravity Feed Sewer Main Along Pond Run Road From The Manhole At The Intersection Of Pond Run And Chinn Street East To The Next Manhole, A Distance Of 220 Lf. this Is A Gravity Feed Line Which Will Allow The Use Of Pvc Pipe. this Sewer Main Affects 550 Households. estimated Cost For This Project Is \$22,000.
Greenup Sewer Department	Greenup: sses For City Of Greenup	SX21089037	Conduct A Sanitary Sewer Evaluation Study For The City Of Greenup. this Project Will Be Used To Help The City Develop Future Projects To Repair And Upgrade The System.
South Shore Wastewater Treatment Plant	South Shore: sewer Treatment Plant Equipment Upgrade	SX21089039	Project Will Involve A New Screening Machanism At The City'S Wastewater Treatment Plant. estimated Cost Is \$45,000
South Shore Wastewater Treatment Plant	South Shore: sanitary/storm Sewer Separation Project	SX21089040	Project Is Designed To Separate A Section Of Combined Sewer In The City. estimated Cost Of The Project Is \$50,000
Greenup Sewer Department	Greenup: alpine Village Ptp And Outfall	SX21089042	Replace The 22,000 Gpd Alpine Village Package Treatment Plant And Redirect The Outfall From The Ptp To Racoon Creek Per Dow Agreed Order. estimated Cost For The Project Is \$350,000.00
City of Worthington	Worthington: calumet Causeway Sewer Project	SX21089043	Calumet Causeway Sewer Project; abandon The Sewer Line Buried 13 Feet Beneath The Roadway And Replace It With A Serviceable Line Out Of The Flood Plain. Estimated Cost Is \$55,000 And Affects 99 Customers.
City of Bellefonte	Bellefonte: storm Sewer Rehabilitation	SX21089044	Upgrade City Storm Sewers
City of Bellefonte	Bellefonte: buena Vista Sewer Repair	SX21089045	Project Involves The Repair Of 125 Lf Of Broken 6 Inch Lateral Sewer Line To Remove The Presence Of Raw Sewage From The City Street. project Will Affect 25 Households In The Immediate Vacinity (103 Buena Vista Dr To Intersection Of Bv And Prince Road) For An Estimated Cost Of \$115,000.00. as This Is A Lateral Line, The Project Belongs To The City Rather Than Sd 1.
Boyd and Greenup County Sanitation District 1	Sd1: short White Oak Road Sewer Extension	SX21089049	Project Consists Of Construction Of An 8 Inch Gravity Feed Sewer Extension Of Approximately 2800 Lf To Service 30 Homes. expected Flow Will Be 9000 Gpd And Treatment Will Be Provided By The Greenup County Environmental Commission. estimated Cost Is \$115,000
South Shore Wastewater Treatment Plant	South Shore: siloam Sewer Line Extension	SX21089052	Siloam Sewer Line Extension To Serve 166 New Customers Producing An Estimated Flow Of 36,000 Gpd. project Will Require 27,000 Lf Of 8" Pvc For Gravity Feed Collection System, 21,338 Lf Of 6" Forcemain, 50 4' diameter Manholes, And Three Lift Stations. estimates Cost Is \$1,918,643.00
South Shore Wastewater Treatment Plant	South Shore: sunshine Sewer Line Extension	SX21089053	Sunshine Sewer Line Extension To Serve 155 New Customers Producing An Estimated Flow Of 34,000 Gpd. project Will Require 32,000 Lf Of 8" Pvc Pipe For Gravity Feed Collection, 14,000 Lf Of 6" Forcemain, 86 Manholes, And Two Lift Stations For An Estimated Cost Of \$1,857,587.00
South Shore Wastewater Treatment Plant	South Shore: capacity Upgrade For Sewer Treatment Plant	SX21089054	Upgrade The South Shore Stp To Accomodate Expected Flow Following A Line Extension Into South Portsmouth. this Project Is Required Before The South Portsmouth Project Can Begin.
South Shore Wastewater Treatment Plant	South Shore: south Portsmouth Sewer Line Extension	SX21089055	South Portsmouth Sewer Line Extension To Serve 411 New Customers Producing An Estimated Flow Of 90,000 Gpd. project Will Require 39,770 Lf Of 8" Pvc Pipe For A Gravity Feed Collections System, 32,694 Lf Of 8" Forcemain, 150 Manholes, And 7 Lift Stations. estimated Cost Is \$2,970,343.00

	Project Title	WRIS	Description
City of Worthington Legal Applicant	Worthington: rehab Cso Areas Of Collection System Phase I	SX21089057	Rehab Three Cso Areas Of The Collection System; Per An Agreed Order Of The Environmental And Public Protection Cabinet, This Project Will (1) Remediate Three Cso Areas Of The Sewer Collection System, And (2) Provide Mapping (using Gps) Of The Complete Sewer System Showing The Collection Lines With Directional Flows And Line Sizes Clearly Delineated, Location By Gps Technology Of All Features Including Manholes, Sub-Basins, Air Release Valves And Pump Stations. (the Mapping Portion Of The Agreed Order Will Be Done By The Kentucky Rural Water Association And Paid For By A Grant To The Association And Not Paid For By Funds For This Project. the Mapping Is Critical, However, To The Design Portion Of The Rest Of The Project.) This Project Profile Replaces Two Previous Profiles, sx21089002 And Sx21089005: the Edsel Avenue Storm Water Drain Bypass, Plans For Storm Water Abatement And The Sanitary Sewer Rehabilitation Project Will All Be Addressed In This Project. phase I Of This Project Consists Largely Of Planning With Some Stormwater Bypass Construction At Edsel Ave. To Satisfy The Agreed Order For An Estimated \$170,000 To Complete Phase I. Cdf 50,000; Cdf 50,000; Cdf 70,000
City of Raceland	Raceland: brown Street Collapsed Sewer Repair	SX21089058	Repair 400 Lf Of 8 Inch Collapsed Sewer Beneath The City Park And Modify Two Manholes At Either End Of The Repair; For Approx \$14,000; Repair 300 Lf Of 8 Inch Sewer Along Ridge Road For Approx \$3,000; Repair 340 Lf Of 8: Sewer Along Rogers Avenue For Approx \$8,000. project Will Include 61 Hhs For A Total Estimated Cost Of \$25,000
City of Wurtland	Wurtland: rehab And Refurbish The Chinn Street Lift Station	SX21089059	Rehabilitate And Refurbish The Chinn Street Lift Station And Replace Pump With A Surface Level Pump. estimated Cost Is \$55,000
City of Wurtland	Wurtland: uhlen Branch Sewer Line Extension	SX21089060	Uhlen Branch Sewer Line Extension; project Will Require Approximately 2.5 Miles Of 8 Inch Pvc To Serve 81 Unserved Households For An Estimated Cost Of \$735,000
City of Worthington	Worthington: cso Phase 2 Project	SX21089061	Cso Phase 2 Project In Response To An Agreed Order To Alleviate Combined System Overflow Problem. project Is To Disconnect Direct Storm Water Connections, Rehabilitate 150 Manholes, Replace 10 Manholes, and Install Floatable Traps At The Cso Pump Station. engineer Estimated Cost Is \$261,486 And Will Affect The Entire Worthington Sewer System.
City of Worthington	Worthington: cso Phase 3 Project	SX21089062	Cso Phase 3 Project In Response To An Agreed Order To Alleviate Combined System Overflow Problem. project Will Provide Jetter And Camera Equipment, A Portable Backup Pump, And Install A Scada System For 7 Pump Stations With The Base Unit The The Wastewater Treatment Plant. engineer'S Estimated Cost Is \$203,595 And Project Will Impact The Entire System'S Customer Base Of 680 Households.
City of Worthington	Worthington: cso Phase 4 Project	SX21089063	Cso Phase 4 Project In Response To An Agreed Order To Alleviate Combined System Overflow Problem. project Is To Install Storm Water Piping And Structures To Direct Storm Water Away From The Sanitary Sewer System Eliminating An Overflow Problem For The City. engineer'S Estimated Cost Is \$270,270 And Will Affect Entire Customer Base.
City of Worthington	Worthington: cso Phase 5 Project	SX21089064	Cso Phase 5 Project In Response To An Agreed Order To Alleviate Combined System Overflow Problem. project Is To Rehabilitate The Old Farm Pump Station And To Replace 3,500 Lf Of Main Line Piping. engineer'S Estimated Cost Is \$185,900 And Will Affect Approximately 100 Households.
City of Worthington	Worthington: cso Phase 6 Project	SX21089065	Cso Phase 6 Project In Response To An Agreed Order To Alleviate Combined System Overflow Problem. project Is To Install An Influent Pump Station And Surge Basin At The Wastewater Treatment Plant. engineer'S Estimated Cost Is \$256,800 And Will Affect Entire Customer Base Of 680 Households.

	Project Title	WRIS	Description
City of Wurtland Legal Applicant	Wurtland: phase 2 Wurtland Greenup Regional Sewer Project	Lloyd SX21089073	Greenup Is Under A Consent Judgement From The Kydow/usepa To Take Action At The Wwtp. a Regional Sewer Project For Wurtland Was The Accepted Solution By All Entities In The Area And By Dow. greenup'S Wwtp Will Be Decommissioned And All Sewage Pumped To Wurtland. in The Future, Sewers Will Be Extended To Lloyd, Ky, Septic Systems Eliminated, And The Package Treatment Plant At The High School Closed. as Part Of The Regional Sewer Project, Modifications To The Headworks The The Wurtland Wwtp Must Be Made. influent Piping Must Be Modified And A Fine Screen With Freeze Protection Must Be Installed. project Will Provide New Service To 515 Customers And Improve Service To 1025 Existing Customers. engineer'S Estimated Project Cost Is \$407,000.
City of Wurtland	Wurtland: phase 3 Wurtland Greenup Regional Sewer Project	Lloyd SX21089074	Phase 3 Wurtland Greenup Lloyd Regional Sewer Project: in Phase 3 Of The Wurtland Greenup Lloyd Regional Sewer Project, Greenup'S Existing Wwtp Will Be Decommissioned And Sewage Pumped By A New Ps At The Treatment Plant Site To Wurtland. a Second Ps At The Town Hill Plaza Will Collect Sludge From The Wtp And Flows From Alpine Village And Inject Sewage Into The Force Main At The Wwtp. project Will Require 2500 Lf Of Line And Two New Pump Stations. improved Service Will Be Provided To 525 Existing Customers. engineer'S Estimated Cost Is 687000.
City of Worthington	Worthington: emergency Blower Project	SX21089075	Emergency Blower Project: install Two New Blowers At The Wwtp For An Approximate Cost Of \$10,000 Each. the Plant Is Required To Have Two Blowers To Sustain The Biological Processes For Waste Treatment But Currently Has Only One. the Existing Blowers Are 43 Years Old And Are Out Of Production. one Has Been Repaired But Is Not Expected To Last Long. because Redundancy Is Required, Two New Blowers Are Being Installed. total Cost Of Project Is \$20,600
City of Wurtland	Wurtland: sewer Upgrades And Maintenance	SX21089076	Wurtland Sewer Upgrades And Maintenance: per And Agreed Order, The City Has Been Required To Camera, Clean And Repair Sections Of The Collection System, Run Smoke Tests, And Repair Five Laterals In An Effort To Stop Inflow And Infiltration Problems That Lead To Sewer System Overflows During Rain Events. project Will Address 6500 Lf Of Line (about 15% Of The Entire System) For An Estimated Total Of \$200,000
City of Lewisport	Lewisport Sewer Rehab	SX21091002	This Project Proposes To Rehab Sewer Lines In The Hancock Park And Old Downtown Areas Of Lewisport. specifically, The Project Will Involve Sliplining 400 Linear Feet Of Line Along Old Mill Road And 600 Linear Feet Of Line On Robin Circle In Hancock Park. in Total, The Project Will Benefit 21 Underserved Households.
City of Lewisport	Hwy 657 (4th Street) Gravity Sewer Line Extension	SX21091004	This Project Proposes To Extend The Gravity Sewer Line Along 4th Street An Additional 2000 Linear Feet And Will Serve Two Unserved Households.
City of Lewisport	Lewisport Liftstation Elimination	SX21091007	This Project Will Eliminate Two Lift Stations, One Located On Bluegrass Drive And The Other Located On 4th Street And Melanie Lane. the Project Will Also Replace A Force Main With A Gravity Flow Line To Serve A Shopping Center Located On Hwy 60, As Well As, 10 Existing Households. as A Result, The System Will Increase Capacity To Support Future Potential Development In The Hancock Park Subdivision.
City of Lewisport	Lewisport Slip Lining	SX21091009	This Project Proposes The Slip Lining Of Approximately 46,220 Linear Feet Of Sewer Lines In The Hancock Park Area Of Lewisport. completing This Project Will Provide Improved Service For Currently Underserved Customers Of The System.

	Project Title	WRIS	Description
City of Hawesville Legal Applicant	Hawesville Sewer Line Repairs	SX21091010	This Project Proposes The Re-Lining Of Approximately 3,000 To 4,300 Linear Feet Of Sewer Lines In The Kelly Heights Subdivision And Windward Heights Subdivision In The Hawesville System. Approximately \$15,000 Of The Total Project Cost Will Be Used To Test The System In These Areas To Determine The Exact Location Of The Leaks. the Project Will Benefit 30 Underserved Residents, And The Estimated Total Cost Is \$150,000.
City of West Point	West Point - Water And Sewer Improvements	SX21093001	This Is An Updated Project Description For The Previously Reviewed And Conditionally Endorsed Sai#ky200312311931. the Project Will Extend Sanitary Sewer To A Small Existing Development In West Point. the Project Will Include Installation Of Approximately 4,250 L.f. Of 8" & 10" Gravity Sewer And 122 L.f. Of Force Main And 1 Lift Station. the Project Will Also Include Infiltration And Inflow Repairs And Improvements To Existing Interconnected Lines. This Project Is Related To Wx21093016.
City of Vine Grove	Vine Grove Sewer Expansion Project	SX21093002	Extend Sewer Service To Residents Along Several Streets And To Install Trunk Line Sewer To Commercial/Industrial Areas Adjacent To Highway 313. **the Project Will Also Include Repair And Rehabilitation Of Several Existing Manholes And Failing Lines In Order To Accomodate Present And Future Flows From Any Proposed Extensions (approx. 5,000 L.f. Of Cipp & Replacement Along Central, Jimwood, Southhillcrest, St.brigids, Burnside, Parkside Circle, And Elmhurst.)
Hardin County Water District No. 2	Hcwd #2 Sewer Collection System Project	SX21093004	Hcwd #2 Has Areas Immediately Adjacent To Elizabethtown, Rineyville, Glendale, Sonora, And Upton That Are In Dire Need Foe A Sewer System Service. many Areas Are Plagued With Failing Septic Systemes And Soil Characteristics Which Are Not Conductive To On-Site Sewage System Collection And Treatment. public Sewer Collection Systems Are Needed In These Areas.
City of Radcliff	Boone Trace Forcemain Replacement	SX21093005	The Project Includes Replacement 6,000 Feet Of 26 Year Old 12in. Forcemain From Lift Station To Treatment Plant. the City Will Also Relocate/upgrade Approximately 1,530 L.f. Of The 8-In. A.arnold Force Main Together With Necessary Appurtenances. city Will Also Extend Approx. 4,900 L.f. Of 12" & 15" Gravity Sewer Line For Hwy.313 Interceptor.
City of Radcliff	Plant Equalization Basin Liner	SX21093006	Replace Wastewater Treatment Plant Equipment Including: equalization Basin #1 Existing Liner And Basin #2 Which Does Not Have A Liner; Replace Uv Lamps And Disinfection Equipment; And Replace Entrance Slide Gate.
City of Radcliff	Radcliff I And I Rehab/removal Project	SX21093007	The (cipm) Cured-In-Place Manhole Liner Will Be Used In Manholes With Structural Deterioration Causing Infiltration Of Ground Water, Thus Eliminating Infiltration From Incoming Inverts, Trunklines, And Stopping Infiltration Entering At Chimney And Joints. the (cipp) Cured In Place Pipe Lining Will Be Used On Clay Lines For The Same Reason And Purpose. (400 Mh And 15,000 Pipe)
City of Elizabethtown	Valley Creek Wwtp Expansion	SX21093008	This Project Will Expand The Existing 7.2 Mgd Wastewater Treatment Plant To A Treatment Capacity Of 13.0 Mgd.
City of Radcliff	City Of Radcliff Wastewater Pump Station Upgrades	SX21093009	The City Of Radcliff Is Experiencing Rapid Development And Expects Additional Growth From The Base Realignment. in Order To Meet This Growth, The City Is Proposing To Upgrade Six Lift Stations With Pumps, Controls, Handling Capacity, And New Force Main. approximately 917 New Customers Will Be Served / Affected With The Project.
City of Elizabethtown	Freeman Lake Sewer Interceptor	SX21093010	The City Of Elizabethtown Is Proposing To Construct Approximately 11,000 L.f. Of 24-In. Sanitary Gravity Sewer Line Around The Freeman Lake Area. the Project Will Allow For Abandonment Of Five Existing Lift Stations And Increase The Capacity Of The Collection System On The North End Of The City.

	Project Title	WRIS	Description
City of Loyall Legal Applicant	City Of Loyall - Sewerline Extension To Black Botton Area.	SX21095001	City Of Loyall Has Proposed A Project To Extend Sewer Lines To Collect Wastewater From 44 Potential Customers With Failing Septic Tanks In The Black Button Ara Of Loyall, Ky. This Area Is Within Close Proximity To Existing Sewer Service.
City of Loyall	City Of Loyall - Wastewater Line Replacement Project.	SX21095002	This Project Proposes To Rehabilitate The Existing Sewer Collection System This Project Will Result In The Separation Of The Combined Sewer System That Currently Exist, Thereby Eliminating The Infiltration Of Storm Water Into The Sanitary Sewer Collection System And Eliminate 4 Cso'S. The Project Will Be Constructed In Phases As Funds Become Available.phase 1 Will Concentrate On The Old Loyall Section Of The System.
Black Mountain Utility District	Closplint Treatment Plant And Collections System	SX21095010	The Proposed Treatment Plant And Collection System Will Serve Approximately 120 Users In The Closplint Area Of Harlan County. It Will Also Eliminate An Existing 5,000 Package Treatment Plant Serving Approximately 12 Users.
City of Harlan	Harlan: Sanitary Sewer - Combined Sewer Rehabilitation	SX21095050	The City Of Harlan Is Seeking Funds To Analyze Their Old Sewage Collection Lines Within The Downtown Area Of The City, Especially Along Clover Street, Main Street, And Central Street So As To Determine Where The Greatest Inflow And Infiltration (i/i) Exist. Specific Project Construction Activities Will Focus On The Central Business District Streets. In Addition, The Main Transportation Line Between The Downtown Areas And The Baxter Pump Station, Site Of The Previous Waste Water Treatment Plant Needs Reviewing To Determine If There Are Breaks, Open Lines, Holes In Existing Manholes, Etc., As The Main Trunk Line, Built In The Early 60'S Has Undergone Several Extensive Floods During That Period. Phase One Will Primarily Analyze Lines In The Cbd And Focus On Rehab Along Cumberland Avenue Streets Approximately 2,000 Lf At The Of Cost \$100,000 Phase Two Will Continue Cbd And Analyze The Old Existing System And Focus On The Baxter Line Approximately 3,350 Lf At \$500,000.
City of Evarts	City Of Evarts Wastewater Line Extension	SX21095051	Areas Of Ky 38, Ky 1601 And Ky 215
City of Evarts	City Of Evarts Wastewater Collection And Treatment Plant Expansion	SX21095053	Install An Alternative Waste Collection System And A New Waste Treatment Plant That Will Serve The Existing Wastewater System In The City Of Evarts And The Unserved Areas Outlined In The City Of Evarts 201 Wastewater Facility Plan. The Alternative Wastewater Collection System Expansion Will Include The Potential To Connect Approximately 1500 Unserved Homes. Now The Project Is Expected To Connect Approximately 600 Households And Businesses. For Evarts To Treat The Wastewater From Their Existing Customers Plus The Proposed Sewer Expansion, We Propose To Install A New 600,000/gpd Wastewater Treatment Plant For The Clover Fork Area.
City of Evarts	Evarts - Pride Wastewater Construction Program	SX21095054	Extension Of Approximately 19,280 L.f. Of 8" Pvc Sewer Line To Serve 220 New Straight Pipe And Failing Septic Customers In The Bailey Creek And River Ridge Area Of Harlan County.
City of Evarts	Evarts Pride Wastewater Sewer Extension	SX21095055	Extension Of Approximately 5,100 L.f. Of 8" Gravity Sewerline And 100 L.f. Of Force Main To Serve 55 New Customers In The Darkmount Area Of Harlan County. The Project Will Include 1 Sewer Lift Station.
Harlan County Fiscal Court	Harlan County Detention And Drug Recovery Center	SX21095056	This Project Is For The Construction Of An 8 " Pvc Sewer Collection Trunk Line And 4" Force Main With Pumpstation To Serve The New 360 Bed Harlan County Detention Center And A 100 Bed Drug Recovery Center Facility For Women. This Line Will Transport Sewage From These Two (2) New Facilities To A Permitted Sewage Line To Be Constructeed By The City Of Harlan At Ages. All Sewage Is Subsequently Transported To The City Of Harlan'S Regional Wastewater Treatment Plant.

	Project Title	WRIS	Description
City of Harlan Legal Applicant	Harlan: Rosspoint Community Sewer Line Extension	SX21095059	The City Of Harlan Proposes To Construct Approximately 7,000 Lf Of 8" Gravity; 12,000 Lf Of 4" Lateral Lines And 500 Lf Of 4" Force Main With One Pump Station To Serve 200 Residents In The Rosspoint Community. The Line Will Connect To The Existing Sewer Line Constructed To Serve The New High School And Residents Back To Harlan.
City of Lynch	Lynch: Wastewater Rehabilitation	SX21095061	City Of Lynch Wastewater Rehabilitation For 76 Customers
City of Cumberland	City Of Cumberland Wastewater Line Extension	SX21095070	Extension Of Wastewater Lines To Unserved Areas.
City of Cumberland	City Of Cumberland New Service Extensions	SX21095072	New Sewer Service To Fair Child Street And Gillem Drive Area. Also To A Small Section Of Old Us 119.
City of Cumberland	Cumberland - Blair Sewer Project(previously Sx21095071)	SX21095073	The City Of Cumberland Is Proposing To Extend Its Sewage Collection System To Serve Approximately 34 Residents In The Blair Community That Are Currently Using Septic Tanks And /or "straight Pipes" For Their Sewage Discharge. The Project Includes Approximately 5,250 Feet Of Force Main, 34 Grinder Pumps And Associated Appurtenances. The City Of Cumberland Is Also Proposing To Rehabilitate The Trickling Filter Located At Its Wastewater Treatment Plant. A Detailed Cost Estimate Follows.
City of Cumberland	City Of Cumberland - Parker Street, Stacy Hill And Cloverlick Sewer Project (was Sx21095072).	SX21095074	Provide Sewer Collection Systems For Parker Street, Stacy Hill And Cloverlick Areas. Upgrades To 5 Sewer Lift Stations Will Also Be Provided.
City of Harlan	Harlan Independent Athletic Complex Sewer	SX21095178	Extension Of Approximately 1900 Lf Of 8" Gravity Sewer Line To Serve The Girls Softball Field Bathrooms, Concession Stands And Tennis Court. The Line Will Tie To Existing System And Transported To Harlan Regional Water Treatment Plant.
City of Benham	City Of Benham - Gilliam Hill Sewer Extension Project	SX21095508	The City Of Benham Proposes To Extend Their Wastewater Collection System To Serve An Additional 13 Residences On Gilliam Hill In The Clutts Community That Are Currently Using Septic Tanks And/or "straight Pipes" For Their Sewage Discharge. they Also Want To Extend Sewer Lines To Serve Five (5) Customers Along Gogith Street. The Project Includes Approximately 1,600 Feet Of Gravity Collection Lines, 8 Manholes, And Associated Appurtenances.
City of Benham	City Of Benham - Gilliam Hill Sewer Extension Project	SX21095508	The City Of Benham Proposes To Extend Wastewater Collection System To Serve An Additional 13 Residents On Gilliam Hill In The Clutts Community That Are Currently Using Septic Tanks And/or "straight Pipes" For Their Sewage Discharge. They Also Want To Extend Sewerlines To Serve Five (5) Customers Along Gogich Street. The Project Includes Approximately 1,600 Feet Of Gravity Collection Lines, 8 Manholes, And Associated Appurtenances.
City of Benham	City Of Benham Rehabilitation	SX21095509	City Of Benham Wishes To Rehabilitate Their Current Sewer System. They Also Wish To Add A Sludge Press.
City of Benham	City Of Benham: Popular Street Sewer Peplacement	SX21095510	The City Of Benham Is Proposing To Repair The Failing Portion Of Its Existing Sewer System. The Project Will Serve 11 Residences To Be Reconnected To The Existing System. It Includes Approximately 450 Feet Of Gravity Collection Lines, 5 Manholes, And Associated Appurtenances.
City of Cynthiana	Cynthiana Wastewater System Improvements	SX21097001	Includes A New 2.0 Mgd Oxidation Ditch Wwtp And Rehabilitation Of Portions Of The Existing Collection System. includes Collection To The New Industrial Park.
City of Cynthiana	Cynthiana Wastewater Expansion - Phase II	SX21097002	Expand Wastewater Collection System Approximately Four Miles To Two Unsewered Areas. extensions Are Along Us-27, Us-62, And Ky-982. extensions Northwest Of The City Along Ky-36 Will Be Gravity Lines.
City of Cynthiana	Cynthiana Wastewater Expansion - Phase III	SX21097003	Expand The Wastewater Collection Within The Twenty Year Planning Area.

	Project Title	WRIS	Description
City of Cynthiana Legal Applicant	Cynthiana Ball Park Pump Station And Force Main	SX21097004	The Proposed Ball Park Pump Station Will Have A Pumping Capacity Of 3.0 Mgd. it Will Pump Flows From The South And Southeast Sewer Service Areas To The New Wwtp. the Force Main Will Consist Of 2,500 Feet Of 16-Inch Pvc Pipe. flows Will Be Diverted To The New Pump Station Through 1,200 Feet Of New 12-Inch Interceptor Line.
City of Berry	Wastewater Facilities Plan Update, City Of Berry	SX21097005	The Wastewater Facilities Plan Upon Which Berry Based The Design And Construction Of Its "no Discharge" Wastewater Collection And Treatment System Is More Than 20 Years Old. parts Of The Wastewater Collection And Treatment System Have Seemingly Reached The End Of Their Useful Life While Other Parts May Need Some Major Rehabilitation. an Update Of The Wastewater Facilities Plan Is Called For.
City of Cynthiana	Cynthiana Sewer System Replacement Project	SX21097006	This Project Calls For The Replacement Of Approximately 2000 Feet Of 8 Inch Gravity Sewer Line And The Three Pump Stations. a Camera Was Run Through These Gravity Lines. all Of These Lines Are Partially Collapsed Allowing A Large Amount Of Water Into The System During Rainy Periods. the Wet Wells In The Pump Stations Are Deteriorating (two Are Metal And 1 Is Concrete Block) Creating A Potential For Both Groundwater And Surface Water Contamination.
City of Cynthiana	Cynthiana - Grandview, Rosebay And Cherry Lane Sewer Line Replacement	SX21097007	The Project Consists Of The Replacement Of Approximately 11,300 Feet Of 8 Inch Gravity Sewer, 665 Feet Of 12 Inch Gravity Sewer, Adn 3380 Feet Of 4 Inch Force Main Along With 41 Manholes. all Of The Gravity Lines On Rose Bay And Cherry Lane Have Been Tv'Ed Except For 350 Feet That Is Partially Collapsed. at Least 65%, Of The Gravity Lines In Grandview Have Been Tv'Ed To Document Cracked And Broken Tile Leading To Ill Problems. the Brick Manholes Contribute To The I&i. all The Gravity Lines Are Citrous Clay That Is More Than 35 Years Old.
City of Cynthiana	Cynthiana - White Oak Estates Sewer Replacement Project	SX21097008	Replacement Of Approximately 7,200 Feet Of 8-Inch Gravity Sewer, 4,500 Feet Of 6-Inch Force Main, And Upgrade Of One Pump Station In The White Oak Estates Subdivision.
City of Cynthiana	Cynthiana - Sonley Heights/country Club Estates Sewer Replacement Project	SX21097009	The Project Consists Of The Replacement Of Approximately 6,300 Feet Of 8-Inch Gravity Sewer Line, Three Pump Stations, And Approximately 2,330 Feet Of 6-Inch Force Main. all The Sewer Lines In Sonley Heights And More Than 50% Of The Country Club Estates Have Documented Ill Problems. records Also Document Pump Stations Overflowing In These Areas. brick Manholes In This Part Of The System Also Contribute To The Problem.
City of Cynthiana	Cynthiana - Pike, Highland, Bridge, Pleasant And Church Sewer Replacement Projec	SX21097010	The Project Consists Of The Replacement Of Approximately 16,340 Feet Of 8-Inch And 4150 Feet Of 10-Inch Gravity Sewer In Downtown Cynthiana. the Project Also Incldues Upgrading The Pump Station At The Harrison County Hospital. portions Of This System Have Been Tv'Ed To Document Broken And Cracked Lines That Contribute To Severe Ill Problems. pump Station And Manhole Overflows Are Also Documented. all Of These Sewer Lines Are Tirus Clay Lines With The Majority Of Them Being More Than 75 Years Old.
City of Cynthiana	Cynthiana - Oddville, Elmarch, Marshall, Vine And Swinford Sewer Replacement Project	SX21097011	The Project Consists Of The Replacment Of Approximately 8,550 Feet Of 8-Inch Gravity Sewer, 1,600 Feet Of 12-Inch Gravity Sewer, One Pump Station And All Manholes. there Is A Large Ill Problem In This Area. numerous Overflows Have Taken Place At This Manholes. these Overflows Are Documented In Our Records. the Gravity Lines Are Citrous Clay Tile. the Majority Of This Tile Is More Than 50-Years Old. the Brick Manholes Also Contribute To The Ill Problem.

	Project Title	WRIS	Description
City of Cynthiana Legal Applicant	Cynthiana - Robynwood, Oldlair, And High School Sewer Replacement Project	SX21097012	The Project Consists Of The Replacement Of Approximately 9,750 Feet Of 8-Inch Gravity Sewer. portions Of These Sewer Lines Have Been Tv'Ed To Document Cracked And Broken Lines, Defective Taps, And Manholes That Contribute To A Severe Ill Problem. the Majority Of These Sewer Lines Are More Than 75-Years Old With Other Sections That Are 35-50 Years Old. the Majority Of These Lines Are Vitrous Clay Lines.
CITY OF BONNIEVILLE	Bonnieville	SX21099001	Wastewater Collection And Conveyance System To Serve Bonnieville. sewage Will Be Treated By Caveland Sanitation Authority.
CITY OF MUNFORDVILLE	Munfordville - Woods Road	SX21099002	1 Lift Station, 1000 Ft Gravity, 250 Ft Force Main
CITY OF MUNFORDVILLE	Munfordville - Old Fairground Lift Station	SX21099003	300 Ft Force Main, 3000 Ft 8" Gravity, 1 Lift Station.
CITY OF MUNFORDVILLE	Munfordville - Foodland	SX21099004	1300 Ft 8" Sewer Line, 4 Man Holes
CAVELAND AUTHORITY, INC. ENVIRONMENTAL	Caveland Environmental - Maple St Lift Station	SX21099005	200 Ft Of 8" Gravity, 200 Ft Of 8" Force Main, & 1 Lift Station
CAVELAND AUTHORITY, INC. ENVIRONMENTAL	Caveland Environmental - Rolling Hills	SX21099006	5000 Ft Of 8" Gravity Sewer Main, 2 Lift Stations, & 500 Ft Of 4" Force Main.
CAVELAND AUTHORITY, INC. ENVIRONMENTAL	Caveland Environmental Authority-Wastewater System Improvements	SX21099007	Vacuum Truck
CAVELAND SANITATION AUTHORITY, INC.	Caveland - Phase II Force Main & Collection System	SX21099009	Force Main & Collection System
CAVELAND SANITATION AUTHORITY, INC.	Horse Cave Plant	SX21099010	The First Part Of This Project In An Upgrade Of The Treatment Plant Which Has An Estimated Cost Of \$750,000. this Project Also Consists Of A 40 Ft Clarifier With Splitterbox. this Will Allow Better Effluent From The Treatment Process Due To Longer Detection Time Of The Wastewater In The Secondary Treatment. this Part Of The Project Has An Estimated Cost Of \$470,000.
CAVELAND SANITATION AUTHORITY, INC.	Caveland Environmental - Horse Cave Plant Belt Press	SX21099018	Belt Press For Sludge
CITY OF MUNFORDVILLE	Munfordville -	SX21099019	
Henderson Water Utility	Canoe Creek Phase II Sewer Improvements	SX21101002	This Project Involves The Extension Of Sewer Mains Running Along The Northwest Along Canoe Creek For Approximately 24,149 Linear Feet. this Project Will Allow The Hwu To Remove An Overflowing Pumpstation.
Henderson Water Utility	Larue Road Sewer Extension	SX21101003	This Project Will Extend Sewer Collector Mains Out Larue Road To Serve Approximately 12 New Households
Henderson Water Utility	Melody Lane Sewer Extension	SX21101004	This Project Will Extend Approximately 3263 Feet Of Sewer Collector Main Out Melody Lane.
Henderson Water Utility	Country Club Sewer Extension	SX21101005	This Project Will Extend Sewer Service To The County Club Subdivision. this Project Will Eliminate Failing Septic Tanks.
Henderson Water Utility	Spottsville Community Sewer Service	SX21101006	This Project Will Extend Sewer Service To The Spottsville Community
Henderson Water Utility	Basket Community Sewer Service Extension	SX21101007	This Project Will Provide Sewer Service To The Basket Community.
Henderson Water Utility	Hidden Creek Sewer Extension	SX21101008	This Project Will Extend Sewer Service To The Hidden Creek Subdivision. this Project Will Eliminate Failing Septic Tanks.
Henderson Water Utility	Broadview Sewer Line Extension	SX21101009	This Project Will Extend Collector Sewer To The Broadview Community. this Project Will Eliminate Failing Septic Tanks.
Henderson Water Utility	Hwy 1299 Sewer Main Extension	SX21101011	This Project Will Extend Sewer Collector Mains Out Ky 425 For Approximately 61000 Linear Feet.
Henderson Water Utility	Elam Ditch Sewer Extension	SX21101013	This Project Will Extend Sewer Service Along Elam Ditch For Approximately 36,000 Feet
Henderson Water Utility	Holloway Hills Sewer Extension	SX21101014	This Project Will Extend Sewer Service To Ky 351, Ky 2183, St. Olaf Circle, Shady Hollow Road And Book Drive.
Henderson Water Utility	Happy Acres Sewer Service Extension	SX21101015	This Project Will Provide Sewer Service To The Happy Acres Subdivision Located Near U.s. Hwy 41a.

	Project Title	WRIS	Description
Henderson Water Utility	Grantwood Sewer Service Extension	SX21101016	This Project Will Extend Sewer Service The Grantwood Community
Henderson Water Utility	Zion Sewer Service Extension	SX21101017	This Project Will Extend Sewer Service The Zion Community.
Henderson Water Utility	Graham Hill Sewer Extensions	SX21101018	This Project Will Extend Sewer Service To The Graham Hill Community.
Henderson Water Utility	41a/collier Lane Sewer Service Extension	SX21101019	This Project Will Extend Sewer Service Out U.s. Hwy 41a And Collier Lane.
Henderson Water Utility Legal Applicant	Downtown Sewer Rehabilitation	SX21101020	This Project Involves The Rehabilitation Of A Brick Sewer Located Along First, Second, Third, And Washington Streets. this Project Will Also Allow The City To Break Out The Combined Sewers.
Henderson Water Utility	North Treatment Plant Disinfection	SX21101022	This Project Involves The Installation Of A Uv Disinfection System At The North Wastewater Treatment Plant.
Henderson Water Utility	Henderson Water Utility Manhole Renovation	SX21101023	This Project Involves Renovating Several Manholes Throughout The System To Eliminate I And I And Overflow.
Henderson Water Utility	Geneva Area Sewer Line Extension	SX21101024	This Project Will Extend Sewer Service To The Geneva Community.
Henderson Water Utility	Four Star Industrial Park Sewer Expansion	SX21101025	This Project Will Provide The Four Star Regional Industrial Park With Sewer Service. this Project Also Has A Water Element. see Project Profile Number Wx21101086.
Henderson Water Utility	Robards Sewer Service Project	SX21101026	This Project Will Involve The Installation Of A Sewer Collection System For The City Of Robards.
Henderson Water Utility	Hwu South Sewer Treatment Plant Improvements	SX21101027	This Project Will Involve The Replacement Of The Blowers And Air Diffuser As Well As, Aeration Replacement At The South Sewer Treatment Plant. this Project Will Automate The Plant To Allow For Remote Operation. a Uv Disinfection System Will Also Be Installed.
Henderson Water Utility	North Treatment Plant Improvements	SX21101029	This Project Will Add A Composte Pad And Turner To The North Wastewater Treatment Plant To Composte Bio Solids.
Henderson Water Utility	Janalee Drive Pump Station Rehabilitation	SX21101030	This Project Includes A New Elevator Motor, Hydraulic Lift Replacement, And Replacement Pump For The Janalee Drive Pump Station. this Project Will Eliminate A Combine Sewer Overflow Problem.
Henderson Water Utility	Manor Drive Sewer Rehabilitation	SX21101031	This Project Will Extend 1500 Feet Of An 8" Sewer Main Along Manor Drive.
Henderson Water Utility	Brick Sewer Rehabilitation	SX21101032	This Project Will Rehabilitate The Lining Of Brick Sewer Throughout The Downtown Area Of Henderson
Henderson Water Utility	Green River Road Sewer Installation	SX21101033	This Project Will Install 5400 Feet Of Sewer Main Along Green River Road.
Henderson Water Utility	Langley Heights Wastewater Extension	SX21101034	This Project Will Extend A Sewer Main To The Langley Heights Subdivision In East Henderson County. this Project Will Eliminate Failing Septic Tanks.
City of Corydon	Corydon Sewer System Refinancing	SX21101035	This Project Will Allow The Cty Of Corydon To Refinance The Existing Debt On Their Sewer System At A Lower Interest Rate. the Sewer System Was Constrcted In The early 1990s With Financing From Rural Development
Henderson Water Utility	Thorn Ridge Sewer Extension	SX21101036	This Project Will Extend Sewer Service To The Thorn Ridge Subdivision. this Project Will Eliminate Failing Septic Tanks.
Henderson Water Utility	Airport Sewer Expansion	SX21101037	This Project Will Serve The Henderson Airport With A 12 Inch Gravity Sewer Line. this Project Will Create And Retain A Total Of 24 Jobs.
City of Eminence Water Works	Wastewater Treatment Plant Expansion	SX21103001	This Project Consists Of Expanding Existing Wastewater Treatment Plant Capacity From 0.50 Mgd To 0.75 Mgd By Constructing Additional Aeration System, Pumps, And Related Facilities.

	Project Title	WRIS	Description
City of Campbellsburg Water Works Legal Applicant	Campbellsburg - Carrollton Regional Force Main	SX21103002	The Project Would Connect The Campbellsburg Sewer System To The New Carrollton Regional Treatment Plant Throught Construction Oa A 12.5 Mile (66,000 Lf) Long Force Main. The Design Criteria For The Force Main To Carrollton Is Based On An Average Daily Flow Of 1.0 Mgd. the Minimum Desing Velocity Is 2.0 Feet Per Second (fps). A 10-Inch Force Main Was Chosen To Minimize Headloss And Provide Sufficient Capacity For Future Capacity And Maximum Wet Weather Flow. the Pumpo Station Will Consist Of Two (2) Separate Wet Wells. the First Wet Well Will Be Designed To Handle All Dry Weather Flow. it Will Be Designed For Two (2) Solids-Handling Submersible Pumps (one For Daily Operation And One For Backup) Rate For 500 Gpm At 105 Feet Of Total Dyynamic Head (tdh). the 500-Gpm Pump Will Produce A Velocity Of 2.04 Fps In A 10-Inch Force Main.
City of Eminence Water Works	North Main Street Pumping Station	SX21103003	This Project Consists Of Replacing And Relocating The Existing North Main Street Pumping Station Which Was Constructed In 1958. the Pumping Station Currently Consists Of Two Pumps Each Capable Of Delivering 100 Gpm. the Proposed Nmmps Service Area Consists Of Seventy Acres Of Land 90% Of Which Is Capable Of Being Developed. the Estimated Pumping Rate For The New Nmmps Is 184 Gpm. it Is Located At The Rear Of 4236 North Main Street - Also Kentucky Highway 55. there Is Some Development That Is Expected To Occur Immediately North Of Teh Existing Pumping Station. estimated Project Cost Is \$175,700 Serving 42 Homes. this Project Scored A High Priority On The Kipda Regional Project Prioritization Ranking.
City of Eminence	City Of Eminence - Sanitary Sewer Evaluation Study (sses) & Rehabilitation	SX21103004	Currently The City Of Eminence Is Experiencing Inflow & Infiltration (i&i) Druing Rain Events. I & I Has Increased Flow To The Existing Wwtp By Four Times The Permitted Capacity Of The Existing Wwtp. the Sses Will Consist Of A Flow Monitoring Study, Smoke Testing, And Finally An Evaluation Study Of The Prioritized Problem Areas In An Effort To Rehab Teh Old Collection System And Remove I/i. once The Evaluation Is Complete The City Of Eminence Will Rehab The Current Problem Areas In An Effort To Reduce I & I Amd Assist The Current Wwtp In Staying Within The Limits Of Its Current Capacity
City of New Castle	New Castle Wastewater Rehabilitation	SX21103005	Sewer Lines In The City Of New Castle Will Be Rehabed And The Trunk Line Will Be Upgraded Along Ky 55. the Existing 8-Inch Clay Line Will Be Rehabed With A 10-Inch Pvc Line From Adcock Road To Ky 146. the Collection Line Along Ky 573 Will Be Replaced From Ceader Street To East Cross Main. additionally, The Existing 8-Inch Clay Line Along West Cross Main Will Be Replaced With 10-Inch Line West To Center Street, From College Street To Ceader Street. additional Line Rehabilitation May Be Added As Additive Alternates If An Acceptable Return On Investments Can Be Realized By Eliminating The Infiltration In Those Lines.
Henry County Fiscal Court	Henry County Industrial Park Pump Station	SX21103006	This Project Will Provide Sewer Service To The Henry County Industrial Park Located On The East Side Of Ky-55 Near The City Of Campbellsburg. The Project Will Include The Installation Of A Pump Station And Sewer Force Main To Provide Sanitary Sewer Service To The Henry County Industrial Park By Connecting It With The City Of Campbellsburg Sewer System.
City of New Castle	City Of New Castle Wastewater Line Extension	SX21103007	Teh Project Will Extend Sewer Service To 15 New Customers North Along Us 421 In Henry County, Including A Proposed Senior Citizens Center And Relocated Henry County Health Department. The Project Includes Approximately 2,500 Lf Of 8" Gravity Sewer, 2,200 Lf Of 4" Force Main, 15 New Service Connections And One Lift Station.

	Project Title	WRIS	Description
City of New Castle Legal Applicant	City Of New Castle Sewer Line Replacement	SX21103008	The Project Will Replace 800 Lf Of Old 8" Vcp Sewer Line With 700' of 10" And 100' of 8" Pvc Sewer Line. the Project Will Also Include The Installation Of Two Manholes.
City of New Castle	City Of New Castle - Ultraviolet (uv) Disinfection System At Wwtp	SX21103009	This New System Will Better Allow The City To Disinfect The Sewer At The Discharge Poinjt. It Will Eliminate The Need For Costly/dangerous Chlorine And Also Eliminate The Additional Cost Of Dechlorination Just Before The Effluent Enters The Receiving Stream.
City of New Castle	City Of New Castle - Sanitary Sewer Evaluation Study (sses)	SX21103010	Like Most Communities With Old Sewer Systems, The City Has Infiltration And Inflow (i/i) Problems. After The Rain Event, Large Amounts Of Rain/ground Water Enters Teh Sewer System. This Causes Backups In Swer Lines, Overflows At Manholes, And More Water Entering The Wwtp Than It Was Designed To Treat. Positive Steps Have Already Been Taken To Mitigate Teh Ill Issue, But More Is Needed. The Sses Is A Complete Sewer System Evaluation. It Should Identify Where The Problems Are So That Plans Can Be Prepared To Target The Problem Areas.
City of Pleasureville Bell County Fiscal Court	Pleasureville Wastewater Capacity Upgrade Us 119 Sewer Line Extension	SX21103011 SX21103156	Increase Pumping Cpacity. Repair l/f Problems. The Bcfc Proposes To Extend Sewer Service To Residences Along Us 119 In The Waslolo, East Annville, Bird Branch Areas. These Areas Are Currently Using Conventional Septic Tanks, Many Of Which Are Failing. The Project Requires Approximately 28,600 Lf Of Gravity Sewer Line And Associated Appurtenances.
CITY OF CLINTON	Clinton-Rehab Study	SX21105001	A Study Will Need To Be Conducted In Order To Adequately Determine The Needs Of The Sewer System. i & I Needs To Be Reduced, As It Is A Major Issue For The System. The Lift Station Will Likely need To Have Larger Pumps, And Approximately 48,000 L.f. Will Need To Be Examined. most Of These Lines Are In Excess Of 65 Years Of Age.
CITY OF CLINTON	Clinton-Extension	SX21105002	This Area Has Many Failing Septic Systems. 55 Homes Will Benefit From New Sewer Service. 10,560 L.f. Of New Sewer Lines Is Needed To Provide Proper Sewage Collection For This Project.
CITY OF COLUMBUS	Columbus-Sewer System	SX21105003	The City Of Columbus Is In Dire Need Of A Sewer System. the System Would Provide Service To Highly Populated Areas Within The City As Well As The Columbus-Belmont State Park. the Project Needs 30,000 L.f. Of New 8" Pvc Sewer Lines, 8 Lift Stations And 5 Grinder Pumps. future Growth Is Hindered By Not Having A Sewer System And Has Numerous Failing Septic Systems.
CITY OF CLINTON	Clinton-Sewer Rehab	SX21105004	The City Of Clinton's Wastewater System Is In Poor Condition. the City Has Hired An Engineering Firm And Is In The Process Of Completing Camera Inspection Of The Entire System To Better Identify The System's Needs. along With Trenchless Rehabilitation, The Project Will Include Some Open Cut Repairs, Cleaning, Manhole Rehabilitation, And Lift Station Upgrades. 3,947 Of The Sewer Lines Will Be Cleaned. there Will Be Improvements To 17,543 8" Cured-In-Place Pipes. improvements Will Also Include Work On 1,617 8" Slipline, 12,802 8" Pipe Bursting, And 2,030 10" Pipe Bursting. the Rehabilitation Plans Include The Replacement Of One Sanitary Lift Station. in All, 403 8" Sanitary Sewer Pvc Sdr 35, 372 10" Sanitary Sewer Pvc Sdr 35, And 50 12" Sanitary Sewer Pvc Sdr 35 Will Be Used. the Project Will Also Consist Of Removing And Replacing 13 Existing Manhole Covers, Bringing 22 Existing Manholes To Grade, Strong Sealing 896 Manholes, And Replacing 4 Sanitary Sewer Manholes. the System Rehabilitation Will Be Of Substantial Benefit To The City Of Clinton, And Will Likely Create A Decrease In Fiscal Expense Associated With The Wastewater Portion Of The City Budget.

	Project Title	WRIS	Description
City of Dawson Springs Legal Applicant	Dawson Springs Sewer Rehabilitation & Collection Expansion	SX21107001	This Project Will Replace 3,394 Lf Of Aging Vitrified Clay Pipe With 6", 8" Pvc Pipe To Reduce Inflow And Infiltration. Another 18,503 Lf Of 8" And 2,507 Lf Of 10" Clay/concrete Sewer Lines Will Be Lined With Cured-In-Place Pipe Liner. Also, 117 Manholes Will Be Rehabilitated And 2 New Manholes Added To The System. All Rehabilitated Sewerline Segments Will Have New Service Line Connections (389) To The Sewer Main.
City of Nortonville	South Hopkins Regional Wwtp	SX21107002	This Project Will Include The Construction Of A New Wwtp Designed For An Average Daily Flow(gpd) Of 750,000 To Serve Nortonville, Mortons Gap And White Plains. The City Of St. Charles Is Included In The Service Area And Will Be Added In The Future When A Collection System Can Be Constructed. The New Wwtp Will Be An Oxidation Ditch System To Replace The Existing Lagoon System Which Has Failed In The Past. The Soils In This Area Do Not Drain Well And Are Not Well Suited For Septic Tanks. The New Plant Will Be Located On The Same Site Of The Existing Plant.
City of Hanson	Hanson Sewer System Improvements Phase II	SX21107003	This Project Will Replace The Existing Grinder Pump System With A Gravity Flow System With Forced Mains On A Few Uphill Sections. The Grinder Pump System Was Installed In 1985 And Has Fell Into Disrepair. Many Of The Grinder Pumps Are Replaced Every Month. The Current System Does Not Have The Capacity To Provide Adequate Service To The New Veterans Nursing Home And The Carhartt Clothing Plant. There Are Also Two New Subdivisions Planed For The City.
City of St. Charles	St. Charles Sanitary Sewer System - Design	SX21107004	This Project Will Provide Engineering Design For A New Sanitary Sewer Collection System To Serve The City Of St. Charles In Hopkins County, Kentucky. Wastewater Generated By The Project Will Be Pumped To The Southeastern Hopkins County Regional Wastewater Treatment Plant In Nortonville.
City of Madisonville	Madisonville South Main Sewer Interceptor Phase 1a & 1b	SX21107008	Phase 1a Of This Project Will Include A New Ps At Clear Creek, 4,600 Lf Of 10" Force Main To The Moorland Av. Ps And The Following Gravity Sewers: 240 Lf 6" Lateral, 3,680 Lf Of 15", 920 Lf Of 12", 1,720 Lf Of 10" And 4,000 Lf Of 8". Phase 1a Will Eliminate The Ptp At The Las Vegas Mobile Home Park And 7 Pump Stations. Phase 1b Will Include The Interceptor Sewer Along South Main Street And The Following Gravity Sewers: 23,605 Lf 6" Lateral, 440 Lf Of 12", 520 Lf Of 10" And 26,000 Lf Of 8" To Serve The Forest Acres, Dozier Heights And Mclean Lane Neighborhoods. Phase 1b Will Eliminate The Oakwood Ptp.
City of Madisonville	Madisonville South Main Sewer Interceptor Phase 2	SX21107009	Phase 2 Of This Project Will Include 13,160 Lf Of 8" Gravity Sewer And 10,369 Lf Of 6" Gravity Sewer Lateral Line To Service Approximately 402 Households In The Wesco Drive, East View Drive, Crestview Drive, Redbud Lane And Grapevine Road Areas And Extend The Interceptor Line 200 Lf Along South Main Street.
City of Madisonville	Madisonville South Main Sewer Interceptor Phase 3	SX21107010	Phase 3 Of This Project Will Include 15,680 Lf Of 8" Gravity Sewer And 14,499 Lf Of 6" Gravity Sewer Lateral Line To Serve Approximately 153 Households In The Mcleod Lane, Mullins Lane And Sandcut Road Area.
City of Mortons Gap	Mortons Gap - Sewer Project	SX21107012	This Project Will Replace A Failing Sewer Lift Station On Hwy 813 Northeast Of Mortons Gap. The Current Lift Station Is Creating Sulfur Dioxide Gas That Has Caused Corrosion Of The Structure And Fixtures And Is Also A Health Hazard.

	Project Title	WRIS	Description
City of Hanson Legal Applicant	Hanson - Hopkins County Industrial Park Sewer Main	SX21107013	The Hopkins County Industrial Authority Recently Purchased Almost 300 Acres Of Land Near Hanson On The East Side Of The Pennyrile Parkway And South Of Hwy 260. This Property Is Proposed To Be The Next Industrial Park In Hopkins County. Planning Has Begun With Preliminary Approval Being Recived From The Planning Commission. This Project Will Include 4,150 Feet Of 12" Pvc Sewer Line, A Jack And Bore Under Hwy 260, Manholes And Re-Vegetation Of All Disturbed Areas.
City of St. Charles	St. Charles Sanitary Sewer System - Construction	SX21107014	A New Sanitary Sewer Collection System To Serve The City Of St. Charles In Hopkins County, Kentucky. Wastewater Generated By The Project Will Be Pumped To The Southeastern Hopkins County Regional Wastewater Treatment Plant In Nortonville.
City of Earlington	Earlington - Sewer Main Extension	SX21107015	This Project Will Extend 2,200 Lf +/- of 6" Sewer Main Along Hwy 1337 To Service A New Subdivision On The North Side Of Loch Mary. The Project Will Also Extend 10,500 Lf +/- of 6" Pvc Sewer Main Along Ky 2171 To The Southeastern Corner Of Ky 336 Crossing To Service An Area Which Will Be Marketed For Industrial Sites.
City of Earlington	Earlington - Sewer System Improvements	SX21107017	This Project Will Make Improvements To The Existing Sewer Collection System By Finding And Repairing Damanged Sewer Mains Withing The System. The Project Will Reduce In-Flow And In-Filtration And Reduce The Gallons Per Day Being Treated By The Madisonville Wwtp.
City of White Plains	White Plains - Red Hill Road Sanitary Sewer Extension	SX21107018	This Project Will Extend 2,000 +/- Lf Of 8" Pvc Gravity Sewer Along Red Hill Road To Provide Sewer Service To 10 New Housing Lots.
City of Mortons Gap	Mortons Gap - Sewer Pump Replacement Project	SX21107019	This Project Includes The Replacement Of The Pumps, Valves And Controls For The Mortons Gap Main Lift Station. The Project Will Also Include Instalation Of A Stand By Generator.
City of McKee	City Of Mckee 400,000 Gallons Wastewater Expansion Plant	SX21109090	Construct A New 400,000-Gallon Sewer Treatment Plant To Serve The City Of Mckee And Jackson County For The Next 20-Year Planning Period. Completion Of A Regional Facilities Plan Will Be Included In This Project. Project Will Include Certain Work Related To Compliance With The City's Agreed Order With Kentucky Division Of Water Such As Manhole Grouting And Rehabilitation Where Necessary. Phase I Will Also Include Planning Work Related To Cost Associated With Land Acquisition For New Plant Property, As Well As, Purchase Of Property. Purchase Of Maintenance Equipment Such As Camera, Jetters, Etc. Compliance Work Will Also Include Replacement Of Broken, Damaged Or Sewer Collection Lines.
City of McKee	City Of Mckee Sanitary Sewer Extensions	SX21109092	Extension Of Approximately 8,155 Lf Of Gravity And Pressure Sewers To Provide Sewer Service To Approximately 26 Customers, Plus The Jackson County High School And Jackson County Middle School. The Project Will Eliminate 2 Package Sewer Plants.
Jackson County Fiscal Court	Jackson County Fiscal Court - Package Treatment Upgrade	SX21109093	Improvements To The Wastewater Package Treatment Plant Serving The Industries At The Jackson County/McKee Regional Industrial Park At Annville
Metropolitan Sewer District	Hite Creek Wtp Expansion	SX21111101	Expansion Of The Hite Creek Wastewater Treatment Plant From 4.4 Mgd To 6.0 Mgd. project Wil Serve New And Existing Development In Both Jefferson And Oldham Counties.
Louisville and Jefferson County MSD	Prospect Wtp Eliminations	SX21111102	Design And Construction Of A Regional Pumping Station, Along With Force Mains And Interceptor Sewers To Eliminate 5 Wastewater Treatment Plants In The Prospect Area, And Convey The Flow To Msd'S Morris Forman Wtp.
Louisville and Jefferson County MSD	Prospect Pump Station Eliminations	SX21111103	Installation Of Sanitary Sewers To Eliminate Two Existing Pumping Stations In The Prospect Area. these Stations Are Susceptible To Wet Weather Problems During Storm Events, Sometimes Leading To Sanitary Sewer Overflows.

	Project Title	WRIS	Description
Louisville and Jefferson County MSD Legal Applicant	Bass/shirley Area Collectors	SX21111104	Collector Sewer Project To Serve 169 Properties Currently Using On-Site Disposal Systems. it Includes A Pumping Station And Force Main To Convey Flow To An Existing Wastewater Treatment Plant. this Project Will Satisfy A Portion Of An Agreed Order Between Msd And The Ky Division Of Water. it Has The Added Benefit Of Removing Several Septic Tank Systems Within The Wellhead Protection Area Of The Louisville Water Company'S Riverbank Infiltration Well Located At Their B.e. Payne Plant Near Prospect.
Louisville Water Company	Transylvania Beach Sewer Installation	SX21111105	The Transylvanian Beach Sewer Installation Will Consist Of Approximately 3,000 Lf Of Collector Sewer To Eliminate Twenty-Five Septic Systems. with The Installation Of The Additional Wells, The Septic Systems Will Be Within 50' of The Wells And In Direct Violation Of 401 Krs 6:310, Water Well Practices And Standards. To Meet The Requirements Of 401 Krs 6:310, The Proposed Sewer Project Will Be Installed Along Transylvania Beach Eliminating The Existing Septic Systems. individual Service Attachments And Abandonment Of The Existing Septic Systems Will Be Included To Insure Best Management Practices Are Followed. the Public Sewer System Will Be Installed By The Louisville Water Company And Upon Completion Will Be Owned And Operated By Louisville Metropolitan Sewer District.
Jessamine South Elkhorn Water District	Keene Wastewater Pump Station And Collection System	SX21113001	Construction Of A New Wastewater Pump Station And Collection System To Serve The Community Of Keene, Ky. keene Is Currently Served By Septic Systems Exclusively.
City of Wilmore Wastewater Treatment Plant	Wilmore Wastewater System Improvements	SX21113003	Project Includes Wastewater Treatment Plant, Interceptor Sewers, Wastewater Pumping Stations, And Sanitary Sewer Rehabilitation And Completion Of Sx2113008.
Jessamine South Elkhorn Water District	North Jessamine Sanitary Sewer Extension Project	SX21113004	The North Jessamine Sanitary Sewer Estension Project Will Consist Of Constructing Approximantely 44,000 L.f. Of 8" Collection Sewer, 19,000 L.f. Of Force Main, Three Pump Stations, And Appurtenances. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 677 Unserved Users.
City of Nicholasville	Nicholasville-(dragstrip) Sanitary Sewer	SX21113005	The Bluegrass Industrial Park (dragstrip) Is A Densely Developed Area On The North End Of Nicholasville That Is Not Served By Sanitary Sewers. The Project Would Result In The Installation Of Collector And Interceptor Sewers At A Cost Of \$8.9 Million. This Would Avert What State Public Health Officials Have Called A "crisis". In The Words Of These Officials, "the Extension Of Sanitary Sewers To This Area Is Critical In The Protection Of Our Community'S Health And Preservation Of Our Environment".
City of Nicholasville Combined Utilities System	North End Sanitary Sewer Project, Nicholasville	SX21113006	Sanitary Trunk And Collector Sewer Project To Extend To Commercial, Industrial, And Residential Properties In A Recently Annexed Area North Of Nicholasville. existing On-Site Sewage Treatment And Disposal Systems Shall Be Eliminated During This Project. this Effort Will Include The Elimination Of On-Site Disposal Systems And Straight-Pipes Associated With Three Mobile Home Parkes And The Bluegrass Industrial Park (dragstrip).
City of Nicholasville	City Of Nicholasville Wastewater Improvements	SX21113007	The City Of Nicholasville Is Under An Agreed Order (case No. Dow 04081) With Kdow And The Epa To Construct The Town Branch Interceptor And Related Improvements To The Jessamine Creek Environmental Control Facility #1, Theyby Permitting The Decommissioning Of The Brown Street Wwtp.
City of Wilmore	Wilmore Wastewater Collection System Rehabilitation	SX21113008	This Project Involves The Inspection, And Repair Or Rehabilitation Of Targeted Wastewater Collection Lines In Order To Reduce The Inflow And Infiltration Of Storm Water And Ground Water (i/i). this Project Will Help The City Of Wilmore To Remain In Compliance With The Ky Division Of Water'S Requirements To Reduce Ill In Wastewater Collection Systems.

	Project Title	WRIS	Description
Jessamine South Elkhorn Water District Legal Applicant	Jessamine/wilmore Ems Building Sewer	SX21113009	This Project Proposes To Extend A Gravity Sewer Main From Stonebridge Subdivision To East Of Harrodsburg Road To Serve Jessamine County-City Of Wilmore Ems Building Which Houses A City Of Wilmore Fire Truck And A Responder Squad And Ambulances Of The Emergency Medical Services.
Jessamine South Elkhorn Water District	Wilmore Centennial Park Sewer	SX21113010	This Project Proposes To Extend A Gravity Sewer Main From Stonebridge Subdivision To East Of Harrodsburg Road, To Provide Sewer Service To The Existing Facilities Of The City Of Wilmore Centennial Park.
Jessamine South Elkhorn Water District	Ichthus Stage Area Sewer	SX21113011	This Project Proposes To Extend The Proposed Jessamine/wilmore Ems Sewer Further East To Serve The Ichthus Stage Area.
City of Nicholasville	Lone Oak Sanitary Sewer Extension Project, Nicholasville	SX21113012	This Gravity Sanitary Sewer Project Involves The Construction Of An Additional 8-Inch Diameter Sanitary Sewer In Lone Oak Area Of Nicholasville For The Purpose Of Eliminating Two Sanitary Sewer Overflows (sso'S). this Project Is Included In The City'S Most Recent State-Approved 201 Facilities Plan Update And Is Part Of The Corrective Action Plan Referenced In The Agreed Order Case No. 04081.
City of Nicholasville	Alta Avenue Parallel Sanitary Sewer Project, Nicholasville	SX21113013	This Gravity Sanitary Sewer Project Involves The Construction Of A Parallel 18" Diameter Sanitary Sewer In An Older Residential Area Of Nicholasville For The Purpose Of Eliminating A Sanitary Sewer Overflow (sso). this Project Is Mentioned In The City's Most Recent State-Approved 201 Facilities Plan Update And Is Part Of The Corrective Action Plan Referenced In The Agreed Order Below.
City of Nicholasville	Brookview Sanitary Sewer Replacement Project Nicholasville	SX21113014	This Gravity Sewer Project Involves The Replacement Of 8" And 10" Sanitary Sewer In The Heart Of Nicholasville With 2,500 Linear Feet Of 18" Gravity Sewer. this Is Necessary Die To The New Flows That Will Soon Be Tributary To This Reach Of Line From The North End Sewer Extension (dragstrip) Project – Sx21113005. the New Collection System Will Be Connected To The 12" Mclane Collector Sewer To The North And The 18' Interceptor On West Oak, To The South.
City of Nicholasville	Nicholasville-Richmond Avenue Lift Station Replacement Project	SX21113015	This Sanitary Sewer Project Involves The Construction Of A New 344 Gpm Lift Station, Approximately 3700 Linear Feet Of 8 Inch Gravity Sewer And 4080 Linear Feet Of 6 Inch Force Main. the Replacement Lift Station Will Create Capacity For A New Middle And Elementary School, Eliminate A Sanitary Sewer Overflow (sso) And Eliminate The Existing Union Mill Lift Station. a Portion Of This Porject Is Included In The City'S Most Recent State-Approved 201 Facilities Plan Update And Is Part Of The Corrective Action Plan Referenced In The Agreed Order Case No. 04081.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Wwtp & Collection System Improvements	SX21115001	Wastewater Treatment Plant Repairs And Improvements: eliminate Sewage Overflow Into Paint Creek From The Depot Road Pump Station Through Repairs And Improvements, update 3,000 Linear Feet Of Gravity Sewer, Seal Approximately 50 Manholes Which Would Ultimately Enable Paintsville Utilities To Extend Sewage Services To Additional Service Areas.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Sewer Line Extension Boyd Branch And Muddy Branch Thealka	SX21115004	The Project Extends Service Of 10,150 Linear Feet For A Cost Of \$786,950.00 To Boyd Branch And Muddy Branch Of Thealka Along Ky 581. Both Service Areas Are Densely Populated Being Portions Of Old Coal Camps. The Area And Plots Of Land Filled With Residential Housing Is Very Small And Do No Support On-Site Sewer Systems. The Project Would Extend Service To Potential 100 Households.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Sewer Line Extension Thelma	SX21115005	The Project Would Extend Sewer Service From Ky Rt 40 To Thelma. the Project Would Provide Service To Potential 105 Customers. The Project Would Also Service I Commercial And Institutional And Housing Projects.

	Project Title	WRIS	Description
PAINTSVILLE UTILITY COMMISSION Legal Applicant	Paintsville Utility Commission Sewer Line Extension 1107	SX21115007	The Project Would Extend From The Paintsville Country Club Along 1107. the Project Would Provide Service To Potential 70 Customers And Consist Of 8448 Lf. The Residential Units Are Very Close To The Road Or The Nearby River So The Many Of The On-Site Systems Are Failing. The Project Will Utilize The Treatment Plant Located In Paintsville.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission - Southside	SX21115015	The Southside Sewer Line Extension Project Will Serve Approximately 35 Homes In A Area Of Johnson County Just Outside The Paintsville City Limits. This Area Is Presently Without Public Sewage Collection And Treatment Services And Homes In The Area Are Using Straight Pipes Or Failing Septic Systems. Residents Of The Area Often Complain Of Sewage Problems, Noting The Odor In The Warm Months And Viewable Sewage On The Ground And Being Straight Piped Into The Mill Branch Stream, Which Is A Tributary Of Paint Creek That Runs Through The City Of Paintsville Behind Several Businesses Including The County's Public Library. There Are Several Abandoned Parcels In The Southside Area Due To The Lack Of Sewage Treatment Options. Septic Systems Are Not Viable Due To The Size Of The Lots And The Terrain.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission - Staffordsville Line Extension	SX21115016	The Staffordsville Sewer Line Extension Project Will Serve Approximately 160 Homes In Johnson County. Two Home Package Treatment Plants Will Also Be Eliminated In This Project.
Paintsville Utilities Commission	Paintsville Utilities - Package Treatment Plant Service Extensions	SX21115017	This Project Has Been Initiated As A Result Of An Agreed Order Against East Kentucky Waste Control (ekwc) Who Managed Five Package Treatment Plants In Johnson County. prestonsburg Utilities Commission Was Appointed As Operator In A Civil Action By Temporary Injunction Against Ekwc. however, Paintsville Utilities, Who Provides Water To The Households Affected By The Proposed Project, Has Come To An Agreement To Provide Wastewater Collection Lines And Make Connections To The Existing Pu System. This Project Will Eliminate The Paradise, Woodland, Preston Estates, Richmond Hills, And Burkeshire Development Package Treatment Plants By Connecting To Paintsville Utilities Commission Service Lines. the Project Will Involve 17,440 Linear Feet Of Force Main, Road And Railway Bores, And Creek Crossing. There Are Four Lift Stations, And Four Lift Station Improvements As Well As Other Related Costs.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Sewer Line Extension Porter And Hager Hill	SX21115501	Sewage Services For Porter And Hager Hill Areas: Construction Of Collection Lines To Serve 211 Residences (108 In The Porter Area And 103 In The Hager Hill Area) And Eliminate Three Package Treatment Systems At Porter Elementary School,paradise Valley, Airport Trailer Park, Airport Subdivision, And Barker Trailer Park.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Van Lear Wastewater Project	SX21115502	The Project Will Utilize The New Treatment Plant At John'S Creek. The Project Will Extend Along Ky 302 In The Area Of Van Lear. van Lear Is A Highly Populated Area With Residential Locations Near The Creek Or Near The Road Or Hillside. The Lots Of Land Are Very Close Together Which Lead To Failing Septic Systems And Straight Pipes. \$2,300,000.00 And Will Serve 427 New Or Improved Households.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission:johns Creek Wastewater	SX21115504	The Project Will Extend Sewerline Service To Two Areas. The First Area Extends Northward From The John Creek Sewer Plant Along Ky 2381 And Both Directions Little Ways On Ky 302. the Second Section Will Extend Into The Hollows Behind Mayo Technical School Located At Hager Hill. This Project Would Provide Sewer To 140 New Households And Cost \$1,700,000.

	Project Title	WRIS	Description
Paintsville Utilities Commission Legal Applicant	Paintsville Utilities Powell Addition Sewer Project	SX21115510	Previously In The Phase II Of Honey Branch Sewer Project, The Project Was Removed From Phase II And Placed Into A Seperate Project. The Project Consist Of Sewer Service In The Powell Addition Area Of Johnson County. The Total Cost Of The Project Is \$1,000,000. The Will Serve Approximately 100 Customers And Consist Of 6336 Lf.
PAINTSVILLE UTILITY COMMISSION	Paintsville Utility Commission Sewer Line Extension	SX21115511	Sewerline Extension To Honey Branch Industrial Park From Existing Line At Usp Big Sandy In Martin County. A Combined Water And Sewer Project To Improve Economic Development Of The Region. Reference Water Project Profile Wx21159011.
Sanitation District #1 of Northern Kentucky	Sd1 - Kenton Co. Infrastructure Rehab & Water Quality Project	SX21117101	To Reduce Sanitary Sewer Overflows And Meet The Requirements Set Forth In The Federal Clean Water Act, Sanitation District No. 1 Will Undertake Efforts To Bring Cso'S Tributary To The Willow Run Outfall Into Compliance With All Applicable Regulations. the District Will Separate, Treat Or Store Flows To Reduce Impact To Public Health Improve Water Quality.
Sanitation District #1	Sd1 - Latonia Combined Sewer Separation Project	SX21117102	Project Will Remove Storm Water Connections From A Combined Sanitary And Storm Sewer System And Construct A New Storm Sewer System.
Sanitation District #1	Sd1 - Montague Sewer Replacement	SX21117103	This Project Consists Of Replacing 2100 Linear Feet Of 8" Sanitary Sewer Servicing The Residents On Emerson Drive And Morgan Court. the Existing Line Is Failing In Some Locations And The Majority Of The Pipe Is Cracked And Broken Thus Allowing Infiltration And Inflow. also Included Is Replacing A Section Of Sewer That Was Damaged Due To A Major Landslide On Montague Court.
Sanitation District #1	Sd1 - Lakeside Park Sewer Rehab	SX21117104	This Project Consists Of Numerous Smaller Tasks Of Replacing And Rehabbing Sanitary Sewers In Lakeside Park. projects Include Removing Private Source, Creating In-Line Storage, And Constructing A Wet-Weather Pump Station.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Dry Creek Wastewater Treatment Plant Final Clarifier Rehabilitation	SX21117105	The Project Involves The Replacement Of The Main Drive And Feed Assembly Plus The Sludge Collector Mechanisms For Four (4) Final Clarifiers At The Dry Creek Wwtp (see Attached Location Map And Overall Plant Site Plan). the Existing Systems Are Over 30 Years Old, Are In Very Poor Condition, And Are In Danger Of Failure. the Final Clarifiers Are A Crucial Element In Meeting Secondary Treatment Effluent Requirements.
Sanitation District No. 1 of Northern Kentucky	Sd1 - River Water Intrusion Prevention	SX21117105	As A Result Of The Corps Of Engineers' Navigational Dam Projects That Were Completed In The 1960's, Ohio River Pool Levels Were Raised. pool Levels Are Now High Enough 41 Days In An Average Year To Cause Significant River Water Back-Up Into The Combined Sewer System, Forcing The Shut Down Of Multiple Pump Stations Along The Interceptor System. this Creates Increased Combined Sewer Overflow Volumes. this Project Addresses The Problem Through The Installation Of Tideflex Valves Or Other Tide Gates At 39 Locations. the Modeled Benefit Of This Project Is A Reduction In Cso Volume Of 250 Million Gallons Annually; The Number Of Predicted Days Of Discharge Is Also Reduced From 41 To 9 Per Year. the Reduction Of Cso Discharge Is A Requirement Of The Sd1 Consent Decree.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Lakeview Pump Station	SX21117106	The Lakeview Pump Station Located In Ft. Wright (kenton County) Is A Critical Component Of Sd1's Collection System. The Force Main At This Pump Station Is Currently Subjected To Extremely High Surge Pressure And Vacuum Conditions Due To Pump Shut Down. the Project Will Address This Problem Through The Construction Of Two 7,500-Gallon Surge Tanks To Be Installed In An Underground Vault.

	Project Title	WRIS	Description
Sanitation District No. 1 of Northern Kentucky	Sd1 - Meadow Hill Pump Station Removal Legal Applicant	SX21117107	The Meadow Hill Pump Station In Kenton County Was Constructed Without Provisions To Maintain Service During A Power Outage. the Tight Configuration Of The Station And Surrounding Development Makes The Addition Of An On-Site Generator Challenging. in Addition, The Force Main Is In Poor Condition And Has Experienced A Number Of Line Breaks Within The Last Several Years. a Life-Cycle Analysis Has Indicated That It Is Cost-Effective To Eliminate The Station Through The Construction Of 2,600-Ft Of 8-Inch Gravity Sewer. because This Project Eliminates The Risk Of A Pump Station Overflow Due To Power Loss, It Will Help Sd1 Meet A Requirement Of The Consent Decree. this Project Is Also Of Value Because The Meadow Hill Pump Station Is Located Within The Banklick Creek Watershed, Which Is 303(d)-Listed.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Waymans Branch Sewer Replacement	SX21117108	To Address A Segment Of Sanitary Sewer In Kenton County That Is Currently At Risk For Damage From An Eroding Stream Channel, 900-Ft Of New 18-Inch Sewer Will Be Installed Using Directional Drilling Methods. this Sewer Will Be Constructed Along A New Alignment To Provide For Continued Sewer Service And Allow For A Full Service Life Of The Pipe. as Part Of This Project, Stream Restoration And Erosion Control Measures Will Be Constructed To Protect Upstream Manholes.
	Sd1 - Highland Pike Sewer Reconstruction	SX21117109	To Replace A 1,200-Ft Section Of Failed Sanitary Sewer In The City Of Fort Wright (kenton County) That Was Taken Out Of Service By A Large Landslide, 2,200-Ft Of New 16-Inch Sewer Will Be Installed Using Directional Drilling Methods. the New Sewer Will Be Installed In Bedrock To Eliminate The Risk From Future Landslides.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Banklick Creek – Stream Restoration	SX21117110	Erosion Along The Channel Of The Banklick Creek In Kenton County Has Created A Failure Risk For An 18-Inch Sanitary Sewer Crossing And Critical Manhole. to Address The Crossing, A Project Has Been Developed That Would Involve The Construction Of Grade Control And Cross Vane Structures. to Protect The Manhole, A Combination Of Streambank Restoration And Riffle Creek Construction Are Planned.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Dry Creek Treatment Plant – Solids Loadout Facility	SX21117111	The 46.5 Mgd Dry Creek Wwtp Provides Treatment For The Majority Of The Sd1 Service Area. landfill Disposal Is Used For The Management Of The Dewatered Solids; Cake Conveyance And Storage Capacity Improvements Are Required For Future Operations. this Project Consists Of The Construction Of A 2,600 Sft Loadout Facility With The Ability To House Four Dumpsters Or Trailers And Load Them With Dewatered Cake Solids. the Project Also Includes The Construction Of A Remote Dumpster Storage Site For Additional Cake Storage, Addition Of Centrifuge Feed Pumps To Increase Dewatering Capacity, Mixer Improvements In Selected Solids Storage Tanks, And Demolition Of The Existing Zimpro Process Equipment.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Regional Rain Garden Covington	SX21117112	Through A Partnership With The Owners / Developers Of The New St. Elizabeth Medical Center Facility In The City Of Covington, Sd1 Has Developed Design Plans For A "regional" Rain Garden Having An Area Of Approximately 16,000 Sft. this Feature Is Located Within Sd1'S Combined Sewer System And Receives Storm Water Runoff From Approximately 30 Acres. Its Construction Will Provide Up To 110,000 Gallons In Stormwater Runoff Reduction Per Event, Thereby Reducing Downstream Cso Volume.

	Project Title	WRIS	Description
Sanitation District No. 1 of Northern Kentucky Legal Applicant	Sd1 - Covington Stormwater Reclamation / Re Use Project	SX21117113	Through A Partnership With The City Of Covington, Sd1 Has Developed A Plan For A Storm Water Reclamation Project. this Plan Is Based On The Pumping Of Water From An Existing Lake (which Discharges Into The Sd1 Combined Sewer System) Into One Or More Nearby Ponds That Drain Into A Natural Stream. water Stored In The Nearby Ponds Will Be Used For Irrigation Of A City Golf Course, Thereby Reducing Covington'S Demand On The Public Water System. preliminary Estimates Indicate That This Project Could Provide Up To 400,000-Gallons In Stormwater Runoff Reduction Per Rain Event, Thereby Reduction Downstream Cso Volume.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Avon Drive Storm Sewer – Ft. Mitchell	SX21117114	To Address A Long-Standing Drainage Problem On Avon Drive In The City Of Ft. Mitchell, A Project Has Been Developed That Will Involve The Installation Of 1,000-Ft Of 84-Inch Storm Sewer, The Purchase And Demolition Of A Residential Structure, And Reconstruction Of A City Park.
Sanitation District No. 1 of Northern Kentucky	Sd1 - Van Deren Storm Sewer – Lakeside Park	SX21117115	To Address A Long-Standing Drainage Problem On Van Deren Drive In The City Of Lakeside Park, A Project Has Been Developed That Will Involve The Installation Of 2,100-Ft Of Storm Sewer (15" To 36" Diameter).
Sanitation District No. 1 of Northern Kentucky	Sd1 - Vincent Drive – Taylor Mill	SX21117116	To Address A Long-Standing Drainage Problem On Vincent Drive In The City Of Taylor Mill, A Project Has Been Developed That Will Involve The Installation Of 1,625-Ft Of Storm Sewer (15" To 48" Diameter).
Sanitation District #1 of Northern Kentucky	Fort Wright - Ridgewood Drive Sewerline Project	SX21117201	This Project Would Construct Collector Sewerlines To Serve Eleven Households On Ridgewood Dr. In Fort Wright. This Is The Last Area In Ft. Wright Not Connected To The Sanitary Sewer System.
Kenton County Fiscal Court	Kenton County Fiscal Court - Dixie Highway Sidewalk And Storm Sewer Extension	SX21117202	Extension Of 1150' of Concrete Box Curb & Gutter And Sidewalk With The Addition Of Storm Sewer Piping, Curb Inlets, And A Cut-Off Ditch To Improve The Drainage And Eliminate Hillside Instability And Pavement Undermining.
City of Hindman	Hindman Sewer Expansion Project	SX21119001	Project Will Rehab Existing Plant And Distriution System And Add Collection Lines In The Brinkley, Mallie And Garner(hwy 550) Areas In Knott County. 242 New Households Will Be Served.
City of Hindman	Hindman Sewer Plant Expansion	SX21119002	Expand The Existing Hindman Wastewater Plant To 300,000 Gpd.
City of Hindman	Hindman Wastewater Line Extensions	SX21119003	Numerous Extensions Throughout Central Knott County. Would Provide Wastewater Service To 447 Customers, Primarily In Rural Knott County.
City of Hindman	Hindman - Nealy Branch/watts Fork Wastewater Project	SX21119004	Wasterwater Line Extension West Of Hindman In The Nealy Branch, Watts Fork And Alum Cave Areas Located Off Of Hwy 550. Will Provide Service To 153 Households.
Knott County Water and Sewer District	Knott County Sewer Rehabilitation Project	SX21119005	This Project Will Replace Deteriorated Sewer Collection Lines Throughout The System. it Will Also Replace Or Repair Various Manholes Throughout The System. several Failing Grinder Pumps Will Either Be Rebuilt Or Replaced As Necessary.
Troublesome Creek Environmental Authority	(tea)- ball Creek Sewer Plant And Collection Lines	SX21119810	Construction Of A New Wastewater Treatment Plant With Collection Lines Initially Running To 85 Of 430 Potential Customers, 2 Businesses, 18 Apartments And A Car Wash. Construction Will Be Completed In Two Phases.
City Utilities Commission	City Of Corbin Knox Wastewater Extension	SX21121110	Extension Of Sewer Lines Knox County From Corbin
Barbourville Utility Commission	City Of Barbourville Large Extension	SX21121130	Extension Of Sewer Lines To Serve 400 Residences Out Side Barbourville Around Us 25 E
Barbourville Utility Commission	City Of Barbourville Small Extension	SX21121131	Extension Of Sewer Lines To Noeville Branch
Barbourville Utility Commission	City Of Barbourville - Heidrick Sanitary	SX21121138	Extension Of 14,000 Feet Of 8" Inch Gravity Flow Sewer.
Barbourville Utility Commission	City Of Barbourville Sewer Plant Improvement	SX21121139	Construct New Treatment Pond At Existing Sewer Plant.

	Project Title	WRIS	Description
Knox County Utility Commission Legal Applicant	Knox County (bimble) Sewer Extension	SX21121501	Knox County Utility Commission Is Proposing To Extend Sewerlines To The Bimble Community Of Knox County. This Project Includes: Three Pump Stations And Sewerline Extensions To A New School Site As Well As Two Existing Schools On Goodin Branch And Old 25e, A Subdivision In Goodin Branch/powder Hollow And The Bimble Intersection.
Knox County Fiscal Court	Flat Lick Sewer Ext.	SX21121503	The Project Includes The Construction Of 2 Lift Stations, 19,000 L.f Of Gravity Sewer, And 29,000 L.f Of Force Main. The Project Will Connect To The City Of Pineville'S Wwtp.
Knox County Fiscal Court	Artemus Sewer Ext.	SX21121504	The Project Includes 31,000 L.f. Of Gravity, 22,00 L.f. Of Force Main, And 7 Lift Stations. The Project Will Connect To The City Of Barbourville Wwtp.
Knox County Fiscal Court	North Corbin Sewer Ext.	SX21121506	The Project Includes The Construction Of 11,500 L.f. Of Gravity Sewer, Which Will Provide Sewer Service To 110 Residences. The Project Will Be Connected To The City Of Corbin Wwtp.
City Utility Commission	City Of Corbin - Sanitary Sewer Line Extension To Bradford Park	SX21121508	Sanitary Sewer Line Extension To Replace 12 Existing Septic Systems And Future Systems For Bradford Park In Knox County, Kentucky.
City Utilities Commission	City Of Corbin - Ky 1232 - Barbourville Road Sanitary Sewer Line Extension	SX21121509	Sanitary Sewer Line Extension To Serve 60 Residential Customers Along Ky 1232 In Knox County, Kentucky.
Knox County Fiscal Court	Knox County Sewer Feasibility Study	SX21121538	Feasibility Study To Define A Plan Of Action To Serve Remaining Areas Of Knox County With Sewage Collection/treatment.
City of Hodgenville	City Of Hodgenville - Water & Sewer Improvements	SX21123002	This Project Is To Replace Failing Sewerlines Within The City Of Hodgenville. the Total Project Cost Is \$300,000. the City Is Eligible For \$200,000 In Tobacco Development Bond Funds. hb#74 Also States City Of Hodgenville Will Extend Water Service Out Shephardsville Road .75 Miles.
City of Hodgenville	City Of Hodgenville: hamilton Acres Sanitary Sewer Rehabilitation	SX21123003	Rehabilitation Of Sanitary Sewer Lines By Means Of Replacement, Pipe Lining, And Point And Manhole Repairs. project Area Includes Approximately 21 Manholes And 6,380 Linear Feet Of 8 & 15-Inch Diameter Sewer In Hamilton Acres And College St Area. the Total Estimated Project Cost Is \$435,000.
LaRue County Fiscal Court	LaRue County Industrial Park Wastewater Improvements	SX21123004	The Proposed Project Will Make Improvements To The City Of Hodgenville'S Wastewater System Downstream From The Industrial Park And Include A New Collector Line Within The Industrial Park To Meet Additional And Future Demand.
Wood Creek Water District	Wood Creek Water District	SX21123163	Extend Sewerlines To Unserved Areas
City Utilities Commission	City Of Corbin Laurel Wastewater Extension	SX21125110	Extension Of Sewer Lines To The Laurel County Area Surrounding The City Of Corbin
City Utilities Commission	Corbin - Sanitary Sewer Collection System To Serve Dantley Drive Area In Whitley County	SX21125113	Sanitary Sewer Collection To System To Serve Dantley Drive Area In Whitley County, Kentucky Which Has Failing Septic System.project Involves 8" Gravity Sewer, Force Mains And Three (3)pump Stations.
City of Corbin.	Corbin: Sanitary Sewer Service Along London Avenue, Haskew Avenue And Hawe Street In Laure And Knox Counties..	SX21125114	Sanitary Sewer Service Along London Avenue, Haskew Avenue And Hawe Street In Laurel And Knox Counties In Kentucky.
City of Corbin	Sanitary Sewer Collection Sytem To Serve Sandy Hills Subdvision	SX21125115	Sanitary Sewer Collection Sytem To Serve 12 Households In Sandy Hills Subdvision,laurel County, Kentucky Which Has Failing Septic Sytems.
Wood Creek Water District	Wood Creek Water District	SX21125150	Extend Sewerlines To Apprximately 154 Unserved Customers
Wood Creek Water District	Wood Creek Wastewater Treatment Facilities	SX21125151	Construction Of Wastewater Treatment Plant And Appurtenances; Approx. 46,000 L.f. Of Main And 2 Lift Stations.
Wood Creek Water District	Wood Creek Water District - Sewerline Extension #7.	SX21125153	Extend Sewerline To Unserved Areas In the Hawk Creek Community.
Wood Creek Water District	Wood Creek Water District - Sewer And Water Upgrades (phase 3 Sewer.	SX21125154	Extend 163,152 Linear Feet Of Sewer Lines To Serve 820 Households In North Laurel County. Project Will Also Purchase Materials For Inhouse Installation.
Wood Creek Water District	Wood Creek Water District - Sewerline Ext # 9	SX21125155	Extend Sewerlines To Misc. Roads

	Project Title	WRIS	Description
Wood Creek Water District	Wood Creek Water District - Sewerline Ext. #10	SX21125156	Extend Sewerline To Twin Branch & Slate Lick Communities.
Wood Creek Water District	Wood Creek Water District - Sewerline Ext # 11	SX21125157	Extend Sewerlines To Unserved Areas In The Mcwhorter Community
Wood Creek Water District	Wood Creek Water District - Sewerline Extension #12	SX21125158	Extend Sewerlines To Unserved Areas On Various Roads Legal Applicant
Wood Creek Water District	Wood Creek Water District - Sewer Line Extension #6	SX21125160	Extend Sewer Line To 45 Households In The Unserved Areas Along New Hwy 30, Hwy 1394 And Side Roads.
Wood Creek Water District	Wood Creek Water District - Sewer Extension #8	SX21125161	Extend Sewerline To Unserved Areas In Wood Creek And Greenmount Communities.
Wood Creek water District	Wood Creek Water District - Sewerline Ext. #13.	SX21125162	Extend So Unserved Roads In Northern Laurel County.
Wood Creek Water District	Wood Creek Water District - Wastewaterline Extension Off Hwy 30 & Star Hill	SX21125163	Extend Sewerlines To Unserved Areas Off New Hwy 30 And Star Hill.
City of London- London Utility	Collection Sewer Extensions For 19 Unserved Areas Within The City Of London	SX21125182	Collection Sewer Extension For 19 Areas Not Presently Served By Collection Sewer Service Within The City Of London Corporate Boundaries. Preliminary Engineering Estimate Has Been Prepared For This Project. Remaining Funds In Hb-380 Grant #107c-2007, Sx21125183 And Hb-380 Grant #111c-207, Sx21123180 Will Be Used To Complete Sewer Collection Projects Described In This Project Profile.
West Laurel Water Association	Wlwa - Wastewater Line Extension #1 & Wastewater Treatment Plant	SX21125200	Extend Sewer Lines To Unserved Areas In Keavy & Level Green Communities; Construction Of A Wastewater Treatment Plant In The Keavy Community Of Laurel County
West Laurel Water Association	Wlwa - Wastewater Line Extension #2	SX21125201	Extend Sewer Lines To Unserved Areas In The Keavy & Paris, Karr And Level Green Communities.
West Laurel Water Association	West Laurel - Pride:highway 192 To Cold Hill Elementary School	SX21125202	Extension Of Approximately 34,540 Lf Of Sewer Force Main To Provide Sanitary Sewer Service To 79 Homes And One School. The Project Will Eliminate One Package Plant And Numerous Straight Pipes And Failing Septic Systems.
West Laurel Water Association	Wlwa - Wastewater Line Extension #4	SX21125203	Extend Sewer To Hwy 363, Sunshine Hills, Laurel Trace And Westland Estate Areas
West Laurel Water Association	Wlwa Wastewater Line Extension #5	SX21125204	Extend Sewer Lines To Areas In The Cold Hill, Willie Green, Parker Road Communities.
West Laurel Water Association	Wlwa - Wastewater Line Extension #6	SX21125205	Extend Sewer Lines To Areas In The Locust Grove, Cold Hill, Hwy 552 North And Hyw 552 South Communities.
West Laurel Water Association	Wlwa - Wastewater Line Extension #7	SX21125206	Extend Sewerlines To The Areas Of Hwy 363, Auger Springs, Level Green Communities.
West Laurel Water Association	Wlwa - Wastewater Line Extension #8	SX21125207	Extend Sewer Lines To The Maple Grove, Wyan Roads, & Pleasant View Communities.
West Laurel Water Association	Wlwa - Wastewater Line Extension #9	SX21125208	Extend Sewlines To The Areas Alongside Hwy 192 Toward Bald Rock, Hwy 1193 & Hwy 3497
West Laurel Water Association	Wlwa - Wastewater Line Extension #10	SX21125209	Extend Sewerlines To The Areas Of Bald Rock, Taylor Bridge, Moberly Bend & Maple Grove.
West Laurel Water Association	Wlwa - Wastewater Line Extension #11	SX21125210	Extend Sewer Lines To The Communities Of White Oak And Sinking Creek.
West laurel Water Association	Wlwa - Wastewater Line Extension # 12	SX21125211	Extend Sewer Lines To The Communities Of Pine Top And Sinking Creek.
West Laurel Water Association	Wlwa - Wastewater Line Extension #13	SX21125212	Extend Sewer Lines To The Remaining Unserved Areas Of The Association'S Service Area.
West Laurel Water Association	Wlwa - Wastewater Line Extension #3	SX21125213	Extend Sewer Lines To Hwy 312, Hwy 192 And Parker Road Areas
East Laurel Water District	East Laurel Water District - Wastewaterline Extensions #4	SX21125214	Extend Sewerlines To Unserved Areas In The Hwy 638 Communities.
West Laurel Water Association	Laurel County Sanitation District - Ky Hwy 363 And Elementary School Pride Project	SX21125215	Construct Approximately 19,383 Lf Of Sewer Force Main To Provide Sanitary Sewer Service To The Elementary School Under Construction As Well As 177 Existing Residences.

	Project Title	WRIS	Description
East Laurel Water District	East Laurel Water District - Wastewater Treatment Plant	SX21125300	Construction Of A Wastewater Treatment Plant
East Laurel Water District	East Laurel Water District - Wastewater Line Extension #1	SX21125301	Extend Sewerlines To Unserved Areas In The Sasser School Road & Hwy 229 Communities.
East Laurel Water district	East Laurel Water District - Wastewater Line Extension #2	SX21125302	Extend Sewerlines To Unserved Areas In The Hwy.229 And The Campground Communities.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #3	SX21125303	Extend Sewerlines Tounserved Areas In The Hwy 80, Conley Road & Hwy 488 Areas.
East Laurel Water District Legal Applicant	East Laurel Water District - Pride: Kentucky Highway 638 To Johnson Elementary School	SX21125304	Extension Of Approximately 23,940 Lf Of Sewer Force Main To Provide Sanitary Sewer To 65 Homes And One School. The Project Will Eliminate One Package Plant And Numerous Straight Pipes And Failing Systems.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #5	SX21125305	Extend Sewerlines To Unserved Areas In The Hwy 80 And Hwy 521.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #6	SX21125306	Extend Sewerlines To Unserved Areas In The Old Way, Tom Cat Trail, And Hwy 472 Communities.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #7	SX21125307	Extend Sewerlines To Unserved Areas In The Hwy 229 Communities
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #8	SX21125308	Extend Sewerline To Unserved Areas In The Maplouville Communities
East Laurel Water District	East Laurel Water District - Wastewater Line Extension #9	SX21125309	Extend Sewer Lines To Unserved Areas Of The Hwy 80, Lick Fork And Flat Lick Communities.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #10	SX21125310	Extend Sewerlines To Unserved Areas In The The Camp Ground And Hwy 830 Communities.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #11	SX21125311	Extend Sewerlines To Unserved Communities In The Cane Creek And Tom Cat Trail And Hwy 1803.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #12	SX21125312	Extend Sewerlines To Unserved Areas In The Marydale & Hwy 80 Communities
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #13	SX21125313	Extend Sewerlines To Unserved Areas Of The Tuttle And Heifer Creek Communities
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #14	SX21125314	Extend Sewer Lines To Unserved Areas Of East Laurel County.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #15	SX21125315	Extend Sewerlines To Unserved Areas Of Northeastern Laurel County
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #16	SX21125316	Extend Sewerlines To Unserved Areas Of Eastern Laurel County
East Laurel Water District	East Laurel - Wastewater Line Extensions #17.	SX21125317	Extend Sewer Lines To Unserved Areas Of Eastern Laurel County.
East Laurel Water District	East Laurel Water District - Wastewater Line Extensions #18	SX21125318	Extend Sewerlines To The Unserved Areas Of Sally'S Branch And Payne Trail.
City of London Utility Commission	Cross Keys Sewers - Phase II	SX21125321	A Gravity Sewer Collection System Is Proposed For The South Side Of The Cross Keys Subdivision, Located Adjacent To The City Limits On The Southeast Side Of London. Approximately 3,700 Feet Of 8-Inch Gravity Sewer Will Be Constructed To Serve 24 Unsewered Households, Many With Failing Septic Systems.
Wood Creek Water District	Wc wd - Unserved Customers In Lake Watershed	SX21125322	Construct 40 Miles Of Various Size Collection lines To Unserved Customers Within The Watershed Of Wood Creek Lake.
City of Louisa	Louisa: cynthia Chapel Sewer Extension	SX21127002	Install Approximately 2.5 Miles Of New Line Plus Manholes And Three Pump Stations For Cynthia Chapel And Watermelon Hill On Rt 2565. project Will Bring Service To 77 Unserved Households For An Extimated Cost Of \$485,000.

	Project Title	WRIS	Description
City of Louisa Legal Applicant	Louisa: High Bottom Lift Station	SX21127005	Two Pump Stations Are Affected By This Project: at The Town Branch Lift Station, There Will Be A New Pump Station, New Site Work, Fencing And Replacement Of 200 Lf Of 20" Sewer Line As Well As Demolition Of The Existing Pump Station. at The High Bottom Lift Station, There Will Be A New Pump Station And Site Work With Fencing And Demolition Of The Existing Pump Station. Project Will Also Serve To Conduct An Sses For The Louisa Collection System.
Louisa Water and Sewer Commission	Louisa: fallsburg Phase 1 Fuller Ridge Sanitary Sewer Main Line Project	SX21127006	This Project Calls For The Construction Of A Collection System In The Community Of Fallsburg. sewage From Fallsburg Will Be Carried To The Wwtp In Louisa Via A Force Main Requiring Approximately 53,500 Lf Of Pipe For An Estimated Cost Of \$3,798,260.00. the Project Will Pick Up About 275 Households, three Businesses, And One Elementary School.
Louisa Water and Sewer Commission	Louisa Clay Street Sewer Line	SX21127009	Replacement Of The Clay Street Sewer Line To Repair Failed Line And Remove III Problem. project Includes About 3600 Lf Of Line Affecting 45 Households.
Lawrence County Fiscal Court	Lcfc: Wastewater Treatment Plant For City Of Blaine	SX21127011	Application Fo A Pride / Army Corps Of Engineers 531 Environmental Infrastructure Grant To Construct A Wastewater Treatment Facility In The City Of Blaine.
Lawrence County Fiscal Court	Lcfc: phase II Rte 32 Project, Shiloh Dr., Two Mile Rd., And Willow Dr.	SX21127012	Install Sewer Lines Along Ky-32 To The Shiloh Drive, Two Mile Road (chicken Feather Rd.), Bobwhite Drive, And The Smokey Valley Church And Willow Drive Areas. the Project Will Provide New Service To 91 Households And Require 15,170 Linear Feet Of New Pipe For An Estimated Cost Of \$1,257,337
Lawrence County Fiscal Court	Lcfc: smoky Valley / Pearl Lane Sewer Extension	SX21127013	Project Calls For Extension Of Gravity Feed Sewer Service Along Smoky Valley And Pearl Lane Off Ky Rt32 In Lawrence County. there Will Be 5000 Lf Of 10-Inch Sewer Main And 1600 Lf Of 8-Inch Sewer Main Serving 29 Customers For An Estimated Cost Of \$492,027.00.
Louisa Water and Sewer Commission	Louisa: fallsburg Phase 2 Fuller Ridge Sanitary Sewer Project Branch Lines	SX21127015	Project Will Construct Sewer Lines Up Several Lollows Off The Main Fallsburg Road. project Will Affect 160 Hh'S Replacing Septic Tanks And Straight Pipes And Require Approximately 44,000 Lf Of Pipe For An Estimated \$1,935,000
Louisa Water and Sewer Commission	Louisa: meadowbrook And Berg Sewer Rehab	SX21127016	This Project Will Renovate The Sanitary Sewer Collection Systems In Two Subdivisions That Were Originally Instally By A Developer. The Meadowbrook And Berg Subdivisions Have Serious III Problems And Some Overflow. the Project Will Affect 75 Households And Require Approximately 10,000 Lf Of Pipe And 1 Lift Station For An Estimated Cost Of \$750,000
Louisa Water and Sewer Commission	Louisa: sewer Line Rehab	SX21127017	This Project Will Replace Or Repair The Oldest Sections Of Line As Part Of The Sses. approximately 500 Hh'S Will Be Affected Requiring 30,000 Lf Of Pipe And 4 Lift Stations For An Estimated \$2,000,000
Louisa Water and Sewer Commission	Louisa: sanitary Sewer Evaluation Study	SX21127018	Sanitary Sewer Evaluation Study For The City Of Louisa To Guide Rehab And Resolve III Problems. this Study Will Be Conducted As Part Of An Updated Facilities Plan For The City. activities Will Include Evaluating The Sewer Lines With A Remote Tv Camera And The Use Of High Pressure Cleaning.
Louisa Water and Sewer Commission	Louisa: wastewater Treatment Plant Improvements	SX21127019	Project Involves The Installation Of A Grit Removal System At The Wastewater Treatment Plant And The Replacement Of The Aeration System. the Grit Removal System Will Protect The Plant By Removing Non-Treatable Grit (sand, Gravel) From The Plant. the Aeration System Is A Critical Component Of The Treatment Process. approximate Cost Will Be \$390,150.00. (project Will Buy Time To Submit Funding Applications For And Eventually Build A New Wastewater Treatment Plant Under A Different Project.)
City of Louisa	Louisa: comprehensive Sewer System Expansion	SX21127020	Project Involves Extension Of The Collection System. approximately 55 Households And A Stretch Of Commercial Property Along Us 23 Will Be Served. project Will Require Approximately 42,000 Lf Of Pipe For An Estimated Cost Of \$3,100,000

	Project Title	WRIS	Description
City of Louisa Legal Applicant	Louisa: new Wastewater Treatment Plant	SX21127021	Project Will Replace The Existing Wastewater Treatment Plant. the New Plant Will Be Located North Of Town Situated On More Land Than Is Now Available At The Current Plant. the New Plant Will Be Sized According To Dow Regulations And At This Time Is Estimated To Be Approximately 1.125 Mgd. estimated Cost For This Project Is \$6,750,000
Lawrence County Fiscal Court	Lcfc: route 32 Sewer Extension	SX21127023	Rte 32 Sewer Extension; project To Run New Sewer Line From Smokey Valley To Isaac Park Road (yatesville Cemetery). project Will Require 1.25 Miles Of 8 Inch Pvc Pipe And Will Affect 125 Households For An Estimated Cost Of \$685,000
Lawrence County Fiscal Court	Lcfc: regional Wastewater Treatment Plant Feasibility Study	SX21127024	Project To Address The Feasibility Of Constructing A New Regional Wastewater Treatment Plant To Serve All Of Lawrence County And To Determine The Optimum Location For The Plant.
Lawrence County Fiscal Court	Lcfc: phase I Of Rt 3 To Fallsburg	SX21127025	Phase I Of Sewer Line Extension Along Rte 3 To Fallsburg. current Phase Will Extend A Line From The Main Collection Line On Rt 2565 To The Fallsburg Rt 3 Side Of Us 23 And Extended To The Foot Of Five Forks. the Project Will Require Approximately 8000 Lf Of 8 Inch Pvc. the Project Will Pick Up Five Businesses And Set The Stage For The Addition Of Fallsburg And The 450 Households There To The Collection System. Estimated Cost Of This Phase Is \$1,250,000.
City of Louisa	Louisa: nov Plant Upgrades And System Improvements	SX21127026	The City Of Louisa Has Received A Notice Of Violation From The Kentucky Division Of Water Concerning Deficiencies At The Wastewater Treatment Plant And In The Collection System. facilities That Need To Be Improved/replace Are The Aeration Diffusers, Bar Screen, And Grit Removal System At The Wwtp. the City Must Also Complete The Following Activities: Ssop/sses, Grease Control Program, Groundwater Pollution Prevention Plan, Cmom, Ill Survey, And Hydrologic Model Of The Collection System. (see Sx21127005 For The Sses.)
City of Beattyville	Beattyville Highway 11 South Sewer Line Extension	SX21129005	Sewer Line Extensions South Of Beattyville Along Hwy 11 And Several Other Roads Adjacent To Hwy 11. Project Will Serve Approximately 170 Customers.
City of Beattyville	Beattyville - Sewer System Rehab/collection System Extension	SX21129006	A Portion Of The Project Funds May Be Used To Address Some Critical Collection And Treatment Issues Within The City'S Existing Wastewater System With The Remaining Funds To Be Used To Complete The Hwy 11 Extensions In Project Sx21129105. Many Of The Existing Sewer Lines Are Plagued With I & I Because They Are 30+ Years Old Are Composed Of Clay Pipes.
City of Beattyville	Beattyville - Wastewater Treatment Plant Expansion	SX21129007	Expansion Of Existing 0.3 Mgd Wwtp To 0.6 Mgd. Work Includes Construction Of Oxidation Ditch Process, Two Clarifiers, Aerobic Digesters, Mechanical Dewatering System And Building, Influent Grit Removal System, And Associated Ancillary Components.
City of Beattyville	Beattyville Highway 11 North Sewer Extension Project	SX21129105	Sewer Extension Along Hwy 11 North. Project Consists Of Approximately 5000 Feet Of 8" Gravity Sewer And Related Appurtenances, Along With Approximately 53,000 Linear Feet Of 6", 4", 3", 2" And 1 1/2" Pvc Sewer Force Main To Serve Approximately 110 New Customers. Project Will Include All Necessary Appurtenances To Provide Wastewater Service.
City of Hyden	Hyden - Hwy 80 And 421 Sewer Extension	SX21131001	Extension Of Sewer Service From The City Of Hyden To Serve Customers Along Hwy 80 In The Hurts Creek Area, Hwy 421 South Of The City Of Hyden In The Muncy Creek Area, And Hwy 421 West Of The City Of Hyden In The Rockhouse Creek Area.
City of Hyden	Hyden - Wastewater Expansion Phase II	SX21131002	Project Will Include Approximately 3 Miles Of Sewer Force Main And 50 Grinder Pump Stations. Project Will Include Mt. View Heights And Us 421.
City of Hyden	Hyden - Town Rehab Phase III	SX21131003	Project Will Include The Elimination Of Leaky Clay Tile Pipe And Leaky Manholes Within The City Limits. Project Will Eliminate Inflow And Infiltration.

	Project Title	WRIS	Description
City of Hyden	Sr 118 Pump Station And Force Main Project	SX21131100	The Proposed Project Will Include A Pump Station And Force Main To Provide Sewer Service To The New Leslie County Detention Center.
City of Hyden Legal Applicant	Rv Park Wastewater Project	SX21131101	The Project Would Provide Wastewater Service To A Rv Park/campground In Rural Leslie County. The City Of Hyden Will Provide Treatment. This Project Will Also Incorporate Project Number Sx21131400, The Addition Of Grinder Pumps And Related Appurtenances To Residents Along Rockhouse Where A Line Is Already In Place.
City of Hyden	Hyden - Wooton Sewer Plant Project	SX21131211	Construction Of Sewer Plant And Collection Lines To Provide Sewer Service In The Wooton Area Of Leslie County.
City of Fleming-Neon	Haymond/kona Sewer Line Extensions	SX21133001	Project Will Provide Service To More Than 400 Households From The Haymond Area South To Kona. The Toal Project Consists Of About 8 Miles Of Collection Lines At A Cost Of Approximately \$3,100,000. The City Of Fleming-Neon Is The Legal Entity.
City of Fleming Neon	Fleming-Neon - Hemphill Sewer Extensions	SX21133002	Sewer Extensions To 120 Customers In The Hemphill Area North Of Fleming Neon.
City of Fleming Neon	Fleming-Neon - Hemphill Sewer Extension Phase II	SX21133004	Sewer Extensions North Of Hemphill, The Goose Creek Area And Potters Fork.will Serve About 213 Households.
City of Fleming Neon	Fleming-Neon - Hemphill Extensions Phase III	SX21133006	Project Will Complete Service In The Hemphill And Mcroberts Areas As Well As Various Other Small Locations In The Planning Area.
City of Whitesburg	Whitesburg Wastewater Plant Project	SX21133007	Update 201 Plan To Selected Alternate Of Building A New Plant. New Plant Design Capacity Of 600,000 Gpd To Replace Old Plant. Includes Extension Of Collector Lines To Whitco (sx21133005) To Provide Service To 60 New Customers. amendment: the Whitesburg Wastewater Improvement Project Is Conceived To Lift The Sewer Sanctions Placed On The Community By The Division Of Water. the Project Will Replace An Outdated, Failing Wastewater Plant With A New 600,000 Gpd Oxidation Ditch Wastewater Plant, Sewer Approximately 40 Unsewered Residents In Whitco, Sewer Approximately 9 Unsewered Residents Along 15 (referred To As Parkway Sewer), And Rehabilitate The Nursing Home Lift Station. the Project Will Complete An Sses Survey As Mandated By Dow Agreed Order – After Construction Activities Are Complete. In The 2008 Legislative Session, The Legislature Directed An Additional \$250,000 In Funding To The Project. these Additional Funds Will Be Employed To: a. reduce The Amount Of The \$1,000,000 Kia-Srf Loan The City Must Utilize To Complete The Project, b. complete The Sses Survey Mandated By The Dow Agreed Order c. address The Parkway Sewer And Nursing Home Pump Stations (noted Above).
City of Whitesburg	Whitesburg - Mayking Area Sewer Extensions	SX21133008	Sewer Extensions In The Mayking And Sergent Areas To 260 Customers.
City of Whitesburg	Whitesburg - Crafts Colley Sewer Extensions	SX21133009	Sewer Extensions To 145 Customers In The Crafts Colley Area.
City of Whitesburg	Whitesburg - Sandlick Area Sewer Extensions	SX21133010	Project Will Provide Sewer Service To 105 Customers In The Sandlick Area
City of Whitesburg	Whitesburg - Pert Creek Area Sewer Extensions	SX21133011	Sewer Service Extensions To About 50 Customers In The Pert Creek Area.
City of Jenkins	Jenkins - Sewer Main Rehab Phase III	SX21133013	The Project Would Rehabilitate The Existing Sewer System With A Focus On The Interceptor Lines. The Various Trenchless Technologies Will Be Utilized To Make Repairs On Existing Sewer Lines. Man Holes Will Be Repaired Via Chemical Grout, Seals And/or Structural Repairs To Help Eliminate Infiltration.
City of Jenkins	Jenkins - Wastewater Treatment Plant Improvements	SX21133020	Proposed Project Would Rehabilitate The Existing Wastewater Treatment Plant To More Consistently Meet Existing Discharge Limits As Well As Provide Additional Capacity For Expansion Of The Gateway Industrial Park.
City of Jenkins	Jenkins - Welcome Center Wastewater Line	SX21133030	Project Will Provide Wastewater Service To The Proposed Welcome Center Along Hwy 23 Near The Virginia Border Just In The City Of Jenkins.

	Project Title	WRIS	Description
City of Jenkins	Jenkins - Joes Branch Sewer Line Extension	SX21133050	Project Consists Of Approximately 6700 Lf Of 8" Gravity Sewer In Joe'S Brach Near The City Of Jenkins. Approximately 30 Homes Are In The Project Area.
City of Jenkins Legal Applicant	Jenkins Sewer Main Phase II	SX21133051	This Project Will Rehabilitate Approximately 4,100 Linear Feet Of Sewer Collection Main By The Slip Lining Method. The Existing Line Is Old And Has A History Of Problems With Infiltration. During Times Of Heavy Rain And Increased Surface Water Flows, The Levels Of Water Being Treated At The Plant Increase Significantly. This Project Will Replace Manholes, Seal Manholes, And Eliminate The City's Problems With Infiltration, Thus Reducing The Likelihood Of Potential Contamination Of The Streams And Ground Water Around The Existing Sewer Main. The City Also Has A Historic Problem With Storm Drainage, And Surface Water Entering The Sewer Collection And Treatment System. This Is Phase II Of A Two-Phase Project.
Letcher County Water and Sewer District	Lcwsd - Rockhouse Creek Wastewater Plant And Line Project Ph 1	SX21133100	Ts Project Will Be Phase I Of A 0.141 Mgd Wastewater Treatment Facility To Be Located Near Blackey. Phase I Will Construct A 0.026 Mgd Plant And Include Screening, Afl Lagoon, Clarifier, Disinfection And Post Aeration. This Project Will Include Wastewater Collection Facilities For The Communities Of Blackey And Woodrock And Wastewater Transportation Facilities To The Proposed Kentucky River-North Fork Wastewater Treatment Plant. **original Profile -(project Will Provide Wastewater Treatment Service To About 200 Households In Rural Letcher County, Including The City Of Blackey. Construction Will Consist Of Approximately 8 Miles Of Collection Lines And The Proposed Treatment Technology Will Be The Puramax System.)
Letcher County Water and Sewer District	Lcwsd - Ky River North Fork/rockhouse Creek Wwtp And Collector Lines Ph 2	SX21133101	This Project Will Be Phase II Of A 0.141 Mgd Wastewater Treatment Facility To Be Located Near Blackey. Phase II Will Increase The Palnt From 0.026 Mgd Plant To 0.141 Mgd. Collector Lines Will Be Extended To Crasses Creek And Pratt Branch. Phase II Will Provide Service To 120 Customers And Allow Service For A Future 277 Customers. The Orignal Profile Can Be Referenced In Sx21133100.
Letcher County Water and Sewer District	Letcher - Dry Fork Sewer Extension	SX21133150	Collector Lines And Force Mains To Serve Hwy 15 Between The mouth Of Cowan And The Junction Of Hwy 3402. Will Provide Forty Connections.
City of Jenkins	Jenkins Dairy Hollow Sewer Extension	SX21133644	Project Would Provide Sewer Services To Residents Of Dairy Hollow. The Project Will Also Alleviate Sewage That Now Drowns Into Elkhorn Lake, The Raw Water Source For The City Of Jenkins
City of Jenkins	Jenkins Various Sewer Extensions Project	SX21133885	Several Extension Around The City Of Jenkins, Including Joe'S Branch.
Garrison Quincy Water District	Garrison Sewer Phase I	SX21135001	To Establish A Collection System To Serve 0-2 Year Planning Area. initially 355 New Customers Will Benefit From This Project. project Consists Of 43,500 Lf Of 2", 3" And 4" Low-Pressure Sewer, 2 Pump Stations, 355 Grinder Stations, And A 114,000 Gpd Extended Aeration Package Wwtp. This Project Should Eliminate 286 Failing Septic Systems, 33 Straight Pipes, And 36 Functioning Septic Systems.
Garrison Quincy Water District	Garrison Sewer Phase II	SX21135002	3-10 Year Planning Period Area - Expansion Of 0-2 Year Project. project Will Include Gravity Collection Sewers, Force Mains, Pump Stations, And Grinder Pumps. *population Served And Service Provided Are Based On The Completion Of Phase I.
Garrison Quincy Water Disrict	Garrison Sewer Phase III	SX21135003	11-20 Year Planning Period Area - Expansion Of 3-10 Year Project. project Will Consist Of Gravity Collection Sewers, Force Mains, Pump Stations And Grinder Pumps. *population Served And Service Provided Are Based On Completion Of Phase Iii.
LEWIS COUNTY SANITATION DISTRICT #1	Tollesboro Industrial Park	SX21135004	Industrial Park Development. Project Consists Of 1 Pump Station, 1500 Lf Gravity Collection Line, 3400 Lf Force Main And Pump Station Upgrade.

	Project Title	WRIS	Description
LEWIS COUNTY SANITATION DISTRICT #1	West To Mason County Line	SX21135005	Line Extension That Will Serve Approximately 56 Unserved Customers. contains 16,000 Lf Of 6" Force Main, Grinder Pumps, And 1 Lift Station.
LEWIS COUNTY SANITATION DISTRICT #1	Pine Valley Road	SX21135006	Line Extension Which Will Serve 38 Unserved Customers. consists Of Approx. 6000 Lf Of 2" Force Main, And Grinder Pump Stations.
LEWIS COUNTY SANITATION DISTRICT #1	Ribolt Area	SX21135007	Line Extension To The Ribolt Area. will Serve Approx 56 Unserved Customers. contains 3200 Lf Of 8" Gravity Sewer, 800 Lf 4" Lateral Line, Approx 10,000 Lf Of 6" Force Main, Grinder Pump Stations, And 1 Lift Station.
LEWIS COUNTY SANITATION DISTRICT #1	South Along Ky 57 And Subdivision On Evans Rd	SX21135008	Line Extension To Serve Approx 72 New Customers. contains 32,000 Lf Of 6" Force Main And Grinder Pumps. also, A Truck For Maintenance Of The Grinder Pumps Will Be Purchased.
VANCEBURG ELECTRIC PLANT BOARD	Main Sewer Plant	SX21135009	Renovate Existing Class II Treatment Plant. consists Of Automatic Samplers And Telemetry System.
VANCEBURG ELECTRIC PLANT BOARD	Meadowbrook	SX21135010	Replace Two Package Plants With (1) 100,000 Gpd Plant.
VANCEBURG ELECTRIC PLANT BOARD	Aa Collector	SX21135012	1 Mile Collector Line From End Of Rt 59 Line To Grayson Spur On Aa Highway
VANCEBURG ELECTRIC PLANT BOARD	3037 Collection	SX21135013	4 Miles Collection Line And 1 Lift Station
VANCEBURG ELECTRIC PLANT BOARD	Cso Renovate	SX21135014	Take Cso Off Of Distribution Lines. this Will Be A 2 Phase Project. phase 1 Will Consist Of Equipment Purchases, Planning, And Design Costs. phase 2 Will Be The Construction Phase Of The Project.
Vanceburg Electric Plant Board Legal Applicant	Vanceburg Epb Sanitary Sewer Improvements	SX21135015	The Proposed Project Consists Of Performing A Sewer System Evaluation Survey Of The Existing Sewer Collection System And Pump Stations. sewer System Rehab Will Then Be Done Based On The Results And Recommendations Of The Sses To Eliminate Inflow And Infiltration Into The Sewer System, Thereby Reducing Unnecessary Treatment Costs.
Vanceburg Electric Plant Board	Vanceburg Cso Renovate Phase II	SX21135016	Remove Cso & Sso From The Sewer System & Rehabilitate Portions Of The Sewer System. the City Is Under A Consent Judgement Issued By Ky Division Of Water.
LEWIS COUNTY SANITATION DISTRICT #1	Lcsd #1 Sewer Plant Upgrade	SX21135018	This Project Will Increase The Size Of The Treatment Facility From 0.125 Mgd To 0.250 Mgd And Add Chemical Feed, Barscreen, And New Disinfection Facilities.
LEWIS COUNTY SANITATION DISTRICT #1	Lcsd #1- rectorville & Plumville	SX21135019	Service Will Be Provided To 400 Unserved Households
Lincoln County Fiscal Court	Lincoln County Regional Wastewater Project (houstonville)	SX21137001	Provide Wastewater Collection And Treatment To Approximately 350 Residential And Commercial Customers In The Northern Portion Of Lincoln County, Including , But Not Limited To, Homes And Businesses In The Unsewered City Of Hustonville, The Community Of Moreland, And Along Us 127 Between The Two. Current Sewage Disposal Consists Of A Combination Of Septic Tanks And Straight Pipes, Resulting In Direct Discharges Of Raw Sewage Of Septic Tank Effluent To The Ground Surface. Sewage Treatment Will Be Provided By The City Of Danville.
City of Stanford Water Commission	City Of Stanford - Sewer System Extensions Project	SX21137002	This Project Will Extend Public Sewer Service To Approximately 150 Households To Serve The Rowland Community, Ridgeway Drive, Candlelight Estates And The Carman Lake Area. the Project Will Eliminate Approximately 100 Failing Septic Tanks.

	Project Title	WRIS	Description
City of Stnaford Water Commission Legal Applicant	City Of Stanford-Wwtp Expansion Project	SX21137003	This Revision Combines Two Project Profiles By "withdrawing" Project Sx21137004 And Updating Project Sx21137003, By Increasing The Scope Of Work To Be Performed. the City Of Stanford Proposes To Increase Its Sewage Treatment Capacity From 800,000 Gpd To 1.2 Mgd. the Division Of Water Has Issued A Notice Of Violation To The City . the 2006 Average Daily Flow Was 0.98 Mgd (122% Of Capacity) And The 2007 Average Daily Flow Was 0.83 Mgd (104% Of Capacity). this Project Will Provide For A Sludge Filter Press That Would Allow For Sludge To Be Disposed In A Landfill And Eliminate The Need For Expensive Private Disposal And Additional Land For Spreading Of Sludge. the Construction Of A 5.5 Mgd Equalization Basin (earthberm Lagoon) To Handle Excess Infiltraion/inflows As Mandated By The Kentucky Division Of Water Will Also Be Included In This Project.
Lincoln County Fiscal Court	Lincoln Co. Sanitation District-Planning Project	SX21137005	40,000 Is Needed For The Purposes Of Planning For The Lincoln County Sanitation District. grant(s) That Have Been Awarded That Complement This Potential Grant Is The 604b Kydow Grant Of 20,000 To Ensure The Completion Of The Regional Facilities Plan For The Proposed Lincoln Co. Sanitation District'S Phase I, And Phase Ii; Regional Wastewater Project Sx2113700
Lincoln County Fiscal Court	Lincoln Co. Regional Wastewater Project (crab Orchard)	SX21137006	This Project Will Provide Collection And Transmission To Approx 65 Residential And Commercial Customers In The Eastern Portion Of Lincoln County, Including, But Not Limited To, Homes And Businesses In The Unsewered Areas Of The City Of Crab Orchard. the Area To Be Sewered Extends From The Western City Limits Along William Whitley Road And New Us 150 To Cedar Creek Lake. the Proposed System Will Eliminate Septic Systems And Straight Pipes, Which Could Lead To Untreated Sewage Entering Cedar Creek Lake. also, The Project Would Prepare The City Of Crab Orchard To Provide Sewage Collection And Treatment For Development Around The Lake.
City of Eubank	City Of Eubank-Eubank Sewer System Project	SX21137007	Design/construction Of New Gravity Sewer System In The City Of Eubank And Surrounding Area. Project Involves Approximately 38,000 Lf Of 8" Gravity Sewer, Six Pump Stations, And Approximately 40,000 Lf Of Force Main To Science Hill Wwtp For Treatment. Proposed Project Will Provide Service To Approximately 225 Currently Unserved Households.
Lincoln County Fiscal Court	Lincoln County-Foster Lane/ridgeway Dr. Sewer Extension	SX21137008	Project Will Extend The City Of Stanford'S Sanitary Sewer Into 2 Areas. Fosters Lane, Near The New Stanford/lincoln County Elementary School, And Ridgeway Drive, Off Us Hwy 27 Immediately North Of The Newly Constructed Walmart Complex. residents Within The Project Area Currently Depend On Much Failing Septic Systems. The Project Area Will Be Served By The City Of Stanford'S Sewer System. 8-Inch Sewer Mains Will Be Constructed To Tie In To The City'S System Which Is Adjacent To The Project Area.
City of Crab Orchard	City Of Crab Orchard - Main Influent Pump Station Upgrade	SX21137010	Upgrade Existing Main Influent Pump Station.
City of Grand Rivers	Grand Rivers Sewer System Improvements	SX21139001	Replace Aged Sewer Lift Stations, A Total Of Four; Perform Inspection And Rehab Work On Collection System, Sludge Drying Equipment And Secondary Clarifier At Waste Water Treatment Plant.
Salem Municipal Water System	Salem Wd - Wastewater Improvements	SX21139002	This Project Will Include Updating The 201 Facilities Plan, Replacing The Standby Generator At The Wastewater Treatment Plant, And Purchasing New Pumps And Lab Equipment.
City of Smithland	Smithland Wwtp Improvements	SX21139003	This Project Will Include Improvements To The Smithland Wwtp By Installing A Flow Meter And Manhole Rehabilitation. Any Remaining Funds Will Be Used Toward A Sewer System Evaluation Study And Rehabilitation.

	Project Title	WRIS	Description
Ledbetter Water District Legal Applicant	Ledbetter Sewer Improvements	SX21139004	This Project Will Repair Manholes Throughout The Sewer System To Reduce Inflow And Infiltration. The Project Will Also Include Adding 4 Hydrogen Sulfide Control Stations To Reduce Odor And Eliminate The Formation Of Sulfuric Acid, Which Degrades Concrete In Manholes And Lift Stations. The Project Will Also Upgrade The System Mapping Capabilities And Telemetry System To Improve Monitoring And Control Capabilities. Any Remaining Funds Will Be Used To Extend 3,400 Lf Of 8" Sewer Main And 7 Manholes To A New Residential Area.
City of Salem	Salem - Lift Station Upgrade	SX21139006	This Project Will Upgrade 3 Pump Stations To Meet 10-State Standards As Required By The Ky Division Of Water And Add A New Aerobic Digester And Belt Filter Press To Reduce Sludge Volume And Treat Sludge To Render It Inert And Reduce Odors. The Department Will Also Purchase Needed Equipment With Any Remaining Funds From The Project.
Ledbetter Water District	Ledbetter - Sewer Debt Reduction Project	SX21139007	This Project Will Pay Principle Debt On Their Kia Revolving Loan.
City of Grand Rivers	Grand Rivers - Wastewater Treatment Plant Replacement Study	SX21139008	This Project Will Conduct A Study To Determine The Most Feasible Design To Replace The Existing Grand Rivers Wastewater Treatment Plant. The Existing package Treatment Plant Was Built In 1968 And Is In Poor Condition.
City of Grand Rivers	Grand Rivers - Sewer Line Extension	SX21139009	This Project Will Extend Approximately 15,000 Lf Of Gravity Sewer Main And 2 Lift Stations To Provide Sewer Service For The Railroad Hill Area North Of The City Limits.
CITY OF ADAIRVILLE	Adairville Project 1	SX21141001	Inflow And Infiltration Correction To Original Sewer From 1960'S In Several Areas In The City Limits. subdivision Sewer Line Extensions And Lift Stations At Franklin Hills Subdivision. generator For Sewerplant. diffusers.
CITY OF ADAIRVILLE	Adairville Project 2	SX21141002	Sewer Line Extension For Red River Drive And First Street In Adairville.
CITY OF ADAIRVILLE	Adairville Project 3	SX21141003	Industrial Park Sewer Lines And Lift Station At The North Part Of The City Limits.
CITY OF ADAIRVILLE	Adairville Project 5	SX21141005	Sewer Line Extension West Of Cemetery Street For Future Development.
CITY OF LEWISBURG	Lewisburg Project 2	SX21141008	Correct Ground Water Infiltration To Lift Stations During Storms.
Auburn	Auburn Wastewater Project #1	SX21141023	1. replace 6 Miles Of Aging Sewer Lines. The Locations: a. apple Drive Line Replacement b. walnut Drive Line Replacement c. rogers Drive Line Replacement d. rector Avenue Line Replacement Approximate Total Cost \$5,800,000.00
Auburn	Auburn Wastewater Project #2	SX21141024	Replace And Or Reconfigure 14 Currently Failing Lift Stations Inside City Limits. Approximate Cost \$750,000.00
Russellville	Russellville Wastewater Project #1	SX21141026	Upgrade The Hi-View Lift Station – It Currently Overflows Because Of Mill Systems 4,5 & 6. More Or Larger Pumps Are Needed Here Once These Mill Systems Are Reconditioned. Existing And New Flow Will Pump Freely To Wwtp And Future Projects Will Not Be Hindered. Approximate Cost Is \$1,000,000. currently There Is No Sewer System Between 68-80 East By-Pass And Stevenson Mill Rd. There Are Currently 200 Unserved Homes That Desperately Need Sanitary Sewer Service. This Is A Low-Lying Area And It Will Require A Lift Station At The Corner Of East 68-80 By-Pass. Approximately 4500 Ft. Of Six Inch Forcemain Would Be Required To Run From The New Lift Station To The Upgraded Hi-View Lift Station. An Additional 4000 Ft. Of Eight Inch Sanitary Gravity Sewer Line Would Flow Into The New East 68-80 By-Pass And 2000 Ft. Of Sanitary Gravity Sewer Line From The North Side Of Stevenson Mill Road To The Upgraded Hi-View Lift Station
Russellville	Russellville Wastewater Project #3	SX21141028	3. removal Of 360 Houses From Septic Systems. locations: a. lay Sewer Main Down Highway 79 North 100 Homes Approx. Cost \$1,320,000.00 b. lay Sewer Main To Hunter's Ridge, Which Is Immediately Outside New By-Pass On Highland Lick Rd. 130 Homes Approx. Cost \$1,500,000.00.

	Project Title	WRIS	Description
City of Russellville Legal Applicant	Russellville Reedville Project	SX21141032	Install Approximately 8000 Ft. Of Sanitary Gravity Sewer And 1500 Ft. Of Sanitary Force Main And One Lift Station The Existing Subdivision.this Will Provide Sanitary Sewer To 150 Unserved Homes And 300 New Unserved Homes.
City of Russellville	Russellville Historical District Reconditioning	SX21141033	1. recondition Minisystems 4 And 6/upgrade Brookhaven Liftstation/bethel Street Replacement Of Sewer Main. a. recondition Minisystem 4&6, Specifically The "historical District" Which Spans Two Blocks East And West Of Main Street – From Second Street To 9th St. And Bethel St.
City of Russellville	Russellville Greens Sewer Project	SX21141034	The Greens Subdivision Is Currently On Individual Septic Systems. This Is A Karst Area And There Are Approximately 100 Houses Served In This Areas. This Is An Older Subdivision With Systems That Are Old And Subject To Fail And With Failure Of These Septic Systems Would Contaminate The Ground Water. The Installation Of 2500 Feet Of Eight Inch Gravity Sewer Main To A New Lift Station Between The Greens And Clematis Rd Then Through Approximately 3800 Feet Of 6 Inch Force Main Installed To The Current Tap In Front Of Patrick Hayden'S Medical Office.
CITY OF RUSSELLVILLE	Russellville Hwy 431 South Sewer Project	SX21141035	Install Approximately 35000 Feet Of Gravity 12 Inch Sanitary Sewer And 8000 Feet Of Force Main With One Lift Station To Handle The Extended Growth Of The Southern By-Pass.
City of Russellville	Russellville Franklin Road Sewer Project	SX21141036	There Is Currently No Sewer System From Pro Fab Metals To The City Limits Line. There Are Approximately 35 Houses Located On The Franklin Road Between The Same And All Are On Private Septic Systems.the Plan Would Be To Install Approximately 7,000 Feet Of 8 Inch Gravity Flow Sewer Line From Pro-Fab Metals To The Edge Of City Limits, Including Cool Springs Subdivision And Run Approximately 6500 Feet Of Gravity Flow Sanitary Sewer From Russellville City Limits To The End Of Rockwood Estates.
City of Russellville	Russellville Hwy 68-80 East Sewer Project	SX21141037	Run Approximately 30000 Feet Of Gravity Sewer And Up To 50000 Feet Of Force Main Parallel To Highway 68-80 East Between Russellville And Auburn And Provide A Lift Station To Pump The Sewage Back To Russellville Treatment Plant. Total Approximate Cost At Present \$8,350,000.
City of Russellville	Russellville Hickory Hill Lane Sewer Project	SX21141038	Inside Of The 68-80 By-Pass, There Are Ten Homes Located On North West Side That Are On Desperately Aging Septic Systems That Are Currently Subject To Failure At Anytime And They Would Difuse Sewage Into The Groundwater System Which Will Contaminate The Groundwater And Create An Unsanitary Conditions For The Sub-Division. We Propose To Extend Sewer Lines To These Ten Homes With The Aid Of An Lift Station,and The Estimated Cost Is \$155,000 Dollars.
City of Russellville	Russellville Hwy 68-80 West Sewer	SX21141039	Run 20,000 Feet Of Gravity Sanitary Sewer And 10,000 Feet Of Force Main With One Lift Station To The West End Of The City Which Will Provide Sewer To Approximately 150 Existing Homes And Provide Growth Areas For Approximately 300 Homes To New Subdivisions. Approximate Cost \$2,000,000
CITY OF AUBURN	Auburn - Spring Street Lift Station	SX21141040	This Project Will Replace The Spring Street Lift Station And Replace 700 Lf Of Force Main.
CITY OF LEWISBURG	Lewisburg - Debt Retirement	SX21141041	Pay Off Loan #a90-02 Which Is Thru The Kentucky Infrastructure Authority.
City of Kuttawa	Kuttawa - Moon Bay Harbor Sewer Main	SX21143002	This Project Will Extend 30,000 Lf Of 6" Force Main Along Ky 810 To Moon Bay Harbor. This Project Will Eliminate A Package Treatment Plant And Provide A Sewer Main To Enable The Proposed Lyon County Sanitation District To Provide Service To Households In The Area.

	Project Title	WRIS	Description
Lyon County Water District Legal Applicant	Lyon County Wd Sewerline Extensions	SX21143003	This Project Will Create A New Sanitation District To Serve A Highly Populated Area In West Lyon County. The Bar X Trailer Park And Bend Of The Rivers Package Treatment Plants Will Be Eliminated And 84,216 Lf Of Sewer Collecton Line Will Be Constructed. The Collection Lines Will Be Connected To A Proposed Kuttawa Sewer Main. The City Of Kattawa Has Agreed To Provide Treatment To The Proposed Lyon County Sanitation District.
City of Eddyville	Eddyville Sewer Lift Station And Sewer Line	SX21143004	This Project Will Replace Three Lift Stations And Approximately 3000 Lf Of Gravity 15" And 3000 Lf Of 15" Force Sewer Main. The New Lift Stations Will Be Located At State Hwy 93 On Hammond Creek, Mulbery Street And The Old Eddyville Lift Station. The Project Will Also Include A Inflow And Infiltration Study And 100 +/- Lf Of 8" Gravity Sewer Main To Service The County Little League Baseball Complex.
City of Kuttawa	Kuttawa - I-24 Pumpstation & Forcemain Replacement	SX21143006	This Project Will Replace An Existing 80 Gpm Pump Station Which Is At Capacity With A 220 Gpm Duplex Submersible Pump Station And Approximately 4,500 Lf Of 6" Hdpe Forcemain. The Project Will Also Include 500 Lf Of 10" Gravity Sewer Main And 3 Precast Concrete Man Holes.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa- phase I Harrison St. Cso Abatement Proj.	SX21145007	Harrison Street L.s., Phase I - Harrison Street Lift Station Upgrade. upgrade Capacity Of Harrison Street P.s. To 3.5 Mgd.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Husbands St. L.s. Ph. I Cso Abatement Project	SX21145011	This Project Consists Of Upgrading The Capacity Of The Husbands St. Lift Station To 3.5 Mgd. the Existing Force Main Will Be Slip-Lined. a New Force Main Will Be Constructed To Bypass Harrison St. Pump Station.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Scada System Project	SX21145013	This Project Will Provide Secondary Control And Data Acquisition Hardware And Software For All Major Pumping Stations And Monitoring Points Throughout The Countywide System.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Holt Rd. Ext. Project	SX21145018	This Project Consists Of The Installation Of 5,300 L.f. Of 8" Gravity Sewer, 130 L.f. Of 16" Steel Encasement (bored & Jacked), And 400 L.f. Of 12" Steel Encasement (bored & Jacked). the Implementation Of This Project Will Provide Service To Customers Along Holt, Hansen, And North Friendship Roads.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Olivet Ch. Rd. L.s. Elimination Project	SX21145019	The Project Consists Of The Construction Of 1500 L.f. Of 8" Gravity Sewer From The 24" Interceptor Sewer North Of Us 62 To The Pump Station (sd2-13) Located Along Olivet Church Road Just North Of Us 62.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Wwtp Headworks Improvements	SX21145028	The First Phase Of This Project Is Complete. the Second Phase Consists Of Replacement Of The Existing Treatment Plant Bar Screen Structure With A New Bar Screen And Separation Of Perkins Creek Interceptor Sanitary Flow From The Combined Sewer System.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Phase I Paxton Park Cso Abatement Proj.	SX21145032	This Project Will Address The Cso In Paxton Park By Separating Sanitary And Storm Flow Utilizing Flow Slipping, Ditches, And An Existing 30" Storm Sewer Along Forest Circle.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Terrell St. Ph. I Cso Abatement Project	SX21145037	Treatment Plant Ffl, Phase 8 - Construct New Cso Detention Basin And Screens North Of Floodwall. requires Construction Of New Pump Back Pump Station.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Woodlawn Wwtp Phase I	SX21145044	The Porject Consists Of The Phase I Construction Of A 1.3 Mg Oxidation Ditch At The Woodlawn Treatment Plant.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Champion Creek L.s. Project	SX21145052	The Project Consists Of The Construction Of A Pump Station And 11,500 L.f. Of 10" Pvc Force Main To The Headworks Of The Woodlawn Treatment Facility To Serve The Hendron Area.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Cross Creek E. Ph. I Cso Abatement-East Of Railroad	SX21145055	Project Consists Of Construction Of First Flush Detention Basin And Pump Back Facilities.
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Cross Creek N. Ph. I Cso Abatement Project-North Of R.r.	SX21145056	Construction Of A 0.9 Mgd 1st Flush Storage Basin, Screening And Disinfection At Cso Discharge 010 (cross Creek North Of Railroad Phase 1).
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY	Paducah-Mccracken Jsa-Husbands St. L.s. Ph. II Cso Abatement Project	SX21145065	This Project Consists Of The Construction Of A .7 Mgd Equalization Basin For The 4th And Husbands Pump Station.

				Project Title	WRIS	Description
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Noble Park Ph. II Cso Abatement Project	SX21145074	This Project Consists Of The Construction Of Screening And Disinfection Facilities For Noble Park Cso Discharge 002.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Wwtp Exp. Phase I	SX21145079	Phase I Of The Paducah Wwtp Expansion Project. the Treatment Plant Hydraulic Capacity Will Be Expanded From 9 Mgd To 18 Mgd.
PURCHASE CORPORATION	PUBLIC	SERVICE		Ppsc-Great Oaks-Jsa Interconnect Legal Applicant	SX21145080	This Project Will Link The Great Oaks Subdivision Wastewater Treatment System To The Paducah/McCMacKen County Joint Sewer Agency. a 70,000 Gpd Package Plant Will Be Removed From Service Following Completion Of This Project. also Collection Lines Will Be Designed To Accommodate Future Growth. the Economy Of Scale Offered By Incorporation Into The Jsa System Is Expected To Positively Impact Rates By Delaying An Increase.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cross Creek E. Ph. II Cso Abatement Project	SX21145097	This Project Consists Of The Construction Of A New 60 Mgd Vortex Separator And Disinfection Facilities At Cso Discharges 008 & 009.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cross Creek N. Ph. II Cso Abatement Project	SX21145098	This Porject Consists Of A 50 Mgd Vortex Solids Separator At Cso Discharge 010. The Project Includes The Installation Of Disinfection Facilities.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Massac Creek Interceptor Phase I	SX21145107	Ts Project Consists Of The Construction Of 2,800 L.f. Of 24" Gravity Sewer, 11,000 L.f. Of 18" Gravity Sewer, And 1,700 L.f. Of 8" Gravity Sewer to Extend The Massac Creek Interceptor From The Information Age Park Towards Lone Oak And Us 45 And connect The Private Treatment Plants Located Within The Blandville West Subdivision And Terre Verte Estates.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cso Plan Ph. II	SX21145150	This Project Was Identified As A Requirement In The Approved Cso Plan To Abate Cso Discharges At Point 002. this Project Represents Phase II. This Project Consists Of The Construction Of An Additional Primary Clarifier At The Paducah Wastewater Treatment Plant For Cso Pumpback Treatment.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cso Plan Ph. III	SX21145151	Project Is Required For Cso Abatement At Discharge 001. This Project Is Phase III Of The Cso Abatement At The Terrell Discharge 001. the Project Consists Of The Construction Of An Additional Final Clarifier In The Paducah Treatment Plant.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cso Plan Ph. Iv	SX21145152	This Project Is Required For The Abatement Of Cso'S At Discharge 001. Phase Iv Of The Cso Abatement At Cso Discharge 001. project Consists Of A 1.7 Mg Expansion Of The First Flush Pump Back Lagoon.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cso 012 Discharge Abatement	SX21145153	This Project Is Required For The Abatement Of Cso Discharges At Cso 012. this Project Consists Of The Separation Of Sewers Within A 30 Acre +/- area Served With Combined Sewers Tributary To Cso 012 At Paxton Park.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Cso 004 Discharge Abatement	SX21145154	Project Required For Cso Abatement At Cso Discharge 004. This Project Consists Of The Construction Of A .2 Mg Equalization Basin For The Harrison St. Pump Station.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Nolan Dr. L.s. Replacement	SX21145155	This Nolan Drive Pump Station Was Constructed In The Late 1970s And It Is Reaching The End Of Its Design Life. this Pump Station Is Becoming An Operational Liability. this Project Consists Of Replacement Of The Nolan Drive Pump Station (no. 8). the Proposed Pump Station Should Be A Package Type Duplex Station.
PADUCAH AGENCY	MCCRACKEN COUNTY	JOINT	SEWER	Paducah-Mccracken Jsa-Long Term Control Plan	SX21145167	This Project Entails The Development Of A Long Term Control Plan Required By The Dow For Eliminating Combined Sewer Overflows For The City Of Paducah System. as Part Of The Project, Low Cost Solutions May Be Implemented If And Where Necessary.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Flow Modeling/classification	SX21145168	This Project Entails Flow Modeling/classification For The Entire Jsa System. low Cost Solutions May Be Implemented As Part Of The Project.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Paducah Wwtp Misc. Impr.	SX21145169	This Project Entails Miscellaneous Improvements To The Paducah Wwtp, Including III Reduction Within The Collection System.
PADUCAH SEWER AGENCY	MCCRACKEN COUNTY	JOINT		Paducah-Mccracken Jsa-Reidland Wwtp Misc. Impr.	SX21145170	This Project Entails Miscellaneous Improvements To The Reidland Wwtp, Including III Reduction Within The Collection System.

		Project Title	WRIS	Description
PADUCAH MCCRACKEN COUNTY JOINT SEWER AGENCY		Paducah-Mccracken Jsa-Woodlawn Wwtp Misc. Impr.	SX21145171	This Project Entails Miscellaneous Improvements To The Woodlawn Wwtp, Including III Reduction Within The Collection System.
PADUCAH-MCCRACKEN JOINT SEWER AGENCY		Paducah-Mccracken Jsa-Massac Creek Pump Station And Force Main	SX21145172	Project Involves Construction Of 4-6 Mgd Pump Station With 38,000 L.f. Of 16-20 Inch Force Main To The Paducah Wwtp. also Included Is 9,000 L.f. Of 24-30 Inch Gravity Interceptor From Information Age Park To The Proposed Pumping Station.
Legal Applicant				
PADUCAH-MCCRACKEN JOINT SEWER AGENCY		Paducah-Mccracken Jsa-Sanitary Sewer Overflow Plan	SX21145173	Project Involves The Development Of A Sanitary Sewer Overflow Plan As Required By A Consent Agreement With The Kentucky Division Of Water.
JOANN ESTATES		Joann Estates - System Rehab	SX21145174	This Project Will Upgrade The Liftstations And Package Treatment Plants In The Joann Estates Subdivisions. the Clarifiers Should Be Drained And Diffusers Should Be Replaced As Part Of This.
McCreary County Water District		McCreary Co./cabin Creek Rd.-Green Valley Rd. Area Sewer System Extensions	SX21147002	Project Consists Of Installing Approximately 3,200 Lf Of 2 Inch Sewer Force Main With Individual Grinder Pumps To Serve 30 New Customers And Appurtenances For Sewer Collection And Transport.
McCreary County Water District		McCreary Co./pine Knot-Ky 92 Area Sewer System Extensions	SX21147003	Project Consists Of Installing Approximately 21,500 Lf Of 3 Inch And 2 Inch Sewer Force Main With Individual Grinder Pumps To Serve 86 New Customers, Two (2) Lift Stations, And Appurtenances For Sewer Collection And Transport.
McCreary County Water District		McWd-Williamsburg Street Sanitary Sewer Project	SX21147004	This Consists Of An Area East Of Whitley City, In McCreary County, Ky. currently, The Proposed Project Area Is Not Served By Public Sewers And Can Be Characterized By Failing Septic Systems And Straight Pipes. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 62 Users And Help Eliminate The Hazardous Unhealthy Conditions To The Residents. the Areas Consist Of Small Lots, Which Make The Majority Of The Properties Unusable For Septic Systems Under Current State Regulations.
McCreary County Water District		McCreary Co./bethel Rd.-Ky 1044/meadow Grove Area Sewer System Extensions	SX21147005	Project Consists Of Installing Approximately 15,200 Lf Of 4 Inch And 2 Inch Sewer Force Main With Individual Grinder Pumps To Serve 63 New Customers, One (1) Lift Station, And Appurtenances For Sewer Collection And Transport.
McCreary County Water District		McCreary Co./ky 1651/east Appletree Rd. Area Sewer System Extensions	SX21147006	Project Consists Of Installing Approximately 26,800 Lf Of 2 Inch Sewer Force Main With Individual Grinder Pumps To Serve 128 New Customers, And Appurtenances For Sewer Collection And Transport.
McCreary County Water District		McCreary Co./pine Knot Phase Iv Sewer System Extensions	SX21147007	Project Consists Of Installing Approximately 14,800 Lf Of 4 Inch, 3 Inch, And 2 Inch Sewer Force Main With Individual Grinder Pumps To Serve 75 New Customers, Two (2) Lift Stations, And Appurtenances For Sewer Collection And Transport.
McCreary County Water District		McCreary Co/big Creek Sewer System Extension- Phase II	SX21147010	Project Entails Construction Of 24,300 Lf. Of 3" And 2" Sewer Force Mains With Individual Grinder Stations To Serve 190 Customers With First Time Sewer Service In The Stearns And Marshes Siding Areas Of McCreary County.
McCreary County Water District		McCreary Co-Big Creek Sewer Phase 3 Project	SX21147011	Project Consists Of Extension Of Sanitary Sewer To Serve 91 New Customers Located In The Marshes Siding Area Of McCreary Co. Project Will Construct 13,000 Lf Of 6", 1,800 Lf Of 3", And 4,600 Lf Of 2.5" Pressure Sewer Line, One Major Lift Station And Individual Grinder Pump Stations. Project Will Replace 54 Failing Septic Systems And 25 Straight Pipes. Total Estimated Cost-\$1,324,000. Start Date 0-2 Years.
McCreary County Water District		McCreary Co Wd-Pine Knot (ky 1651 & Us 92) Area Sanitary Sewer Project	SX21147012	The Project Consists Of Two Separate Locations Within McCreary Co: The Ky 1651 Area And The Us 92 Area. Currently The Proposed Porject In Not Served By Public Sewers And Can Be Characterized By Failing Septic Systems, Straight Pipes And Small Lots. Project Will Provide Reliable Source Of Sanitary Sewer Service To Approximately 103 Users. Project Will Construct Approximately 15,700 Lf Of 1.5", 2", 2.5", And 3" Of Force Main, 2 Booster Pumps, 103 Individual Grinder Stations And Appurtenances Replacing 36 Failing Septic Systems And 26 Straight Pipes. Cost Estimate: \$888,500, Start Date 0-2 Years.

	Project Title	WRIS	Description
McCreary County Water District Legal Applicant	McCreary County - Pride Project	SX21147013	This Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 50 Users And Help Eliminate Existing Failing Septic Systems And Straight Pipes That Currently Cause Hazardous Unhealthy Conditions To The Residents.
McCreary County Water District	McWd – Head Start Sanitary Sewer Project	SX21147014	This Project Includes 1,400 Linear Feet Of 2-Inch Force Main And A 25 Gpm Pump Station To Provide A Reliable Sanitary Sewer Source To The Head Start And Senior Citizen Buildings.
McCreary County Water District	McWd – Boys And Girls Club Sanitary Sewer Project	SX21147015	The Project Includes 6,900 Linear Feet Of 2-Inch Force Main And A 25 Gpm Pump Station To Provide A Reliable Sanitary Sewer Source To The Proposed Boys And Girls Club. Source Of Sanitary Service Help Establish This Club Which Will Be A Benefit To The Community With The Helping G Of Children.
McCreary County Water District	McWd – Toe Wad Sanitary Sewer Project	SX21147016	This Project Includes 12,000 Linear Feet Of Force Main To Provide A Reliable Sanitary Sewer Source To 50 Unserved Users, Therefore Eliminating Existing Straight Pipes And Failing Septic Systems Within The User Area. this Project Will Also Provide Sanitary Sewer Service To The Existing Industrial Area Within Toewad. providing A Reliable Sanitary Sewer Service To The Industrial Area Will Help Encourage Industrial Development, Which Translates To New Jobs For McCreary As Well As Surrounding Counties.
McCreary County Water District	McCwd – Sandhill Road Sanitary Sewer Expansion Project, Phase I	SX21147017	This Consists Of An Area North Of Whitley City, In McCreary County, Ky. currently, The Proposed Project Area Is Not Served By Public Sewers And Can Be Characterized By Failing Septic Systems And Straight Pipes. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 35 Users And Help Eliminate The Hazardous Unhealthy Conditions To The Residents. the Areas Consist Of Small Lots, Which Make The Majority Of The Properties Unusable For Septic Systems Under Current State Regulations.
McCreary County Water District	McCwd – Sandhill Road Sanitary Sewer Expansion Project, Phase II	SX21147018	This Consists Of An Area North Of Whitley City, In McCreary County, Ky. currently, The Proposed Project Area Is Not Served By Public Sewers And Can Be Characterized By Failing Septic Systems And Straight Pipes. this Project Will Provide A Reliable Source Of Sanitary Sewer Service To Approximately 30 Users And Help Eliminate The Hazardous Unhealthy Conditions To The Residents. the Areas Consist Of Small Lots, Which Make The Majority Of The Properties Unusable For Septic Systems Under Current State Regulations.
McCreary County Water District	McWd-Stearns To Smithtown Sewer System	SX21147019	This Project Consists Of Serving 141 New Sewer Users In The Smithtown, Stearns, And Tunnell Ridge Areas. The Pressure Sewer System Will Have 25,300 Feet Of Small Diameter Force Mains And One Major Lift Station.
McCreary County Water District	McWd - Revelo & Sterns Area Sewer System Extensions	SX21147020	Project Consists Of Installing Approximately 3,500 Lf Of 4-Inch Pvc Sdr 21 Sewer Force Main And 7,600 Lf Of 3-Inch Pvc Sdr 21 Sewer Force Main To Serve 139 Customers.
City of Sacramento	Sacramento Wastewater Extensions	SX21149001	This Project Will Extend Collector Mains Along Hwy 81 For Approximately .25 Miles And Along Hwy 254 For Approximately .5 Miles. the City Also Plans To Extend Collector Mains That Will Connect 5th Street And Hwy 85. the Breeman Community In Muhlenburg County Has Also Expressed Interest In Hooking Onto The Sacramento Wastewater System.
City of Livermore	Livermore Sewer Line Extensions	SX21149002	This Project Involves Three Sewer Line Extensions: 543 Feet Off Of Hill Street, 1700 Feet Along Ky 136 And 5597 Feet Out Hwy 431.
City of Island	Buttonsberry Sewer Extension	SX21149003	This Project Will Extend Sewer Collector Mains To The Buttonsberry Community From The City Of Island. this Project Will Require 2-4 Lift Stations Due To The Terrain In The Area. a Portion Of The Project Will Sustain The Existing Sanitary Infrastructure By Upgrading The Electrical System For The Operation Of The Existing Pump Stations And Include The Purchase Of Hardware And Software For The Management And Operation Of The Sewer System.

	Project Title	WRIS	Description
City of Island Legal Applicant	Hwy 431 Sewer Main Extension	SX21149004	This Project Involves The Extension Of Existing Sewer Out Hwy 431 To The Green River From The City Of Island To Serve Approximately 10 Residences And 2 Industrial Sites.
City of Island	Fox Hollow Road Sewer Line Extension	SX21149005	This Project Involves The Extention Of Sewer Collector Mains To Residents Located Along Fox Hollow Road From The City Of Island. this Extension Will Also Require The Installation Of Approximately 4 Lift Stations.
City of Island	Hwy 85 Sewer Line Extension	SX21149006	This Project Involves The Extension Of Sewer Collector Mains Out Hwy 85 From The City Of Island To Serve Approximately 25 Households.
City of Livermore	Livermore III Sewer Rehab Project	SX21149008	The City Of Livermore Has Several Sewer Mains That Date Back To The 1930'S That Are Experiencing III Problems. during Rains Events, The Amount Of Overflow Is Over 300,000 Gallons Per Day. The City Is Proposing To Break This Project Into Two Phases. phase I Will Involve The Planning Activities Associated With Determining The Areas To Be Rehab. this Included Smoke Testing, Hydraulic Testing, Camera Work, And Design Of The Rehab Project. phase II Will Involve The Actual Construction Associated With Mitigating The III Problem. The City Is Proposing To Rehab These Mains And Prevent Overflows Into The Green River And Into Open Ditches In The City.
City of Calhoun	Ky 81 Sewer Line Extension	SX21149010	This Project Will Extend 6228 Linear Feet Of Sewer Lines Along Hwy 81 And Along Hwy 815 To Serve 50 Households And Three Business.
City of Island	Island Wastewater Treatment Plant Improvements	SX21149013	This Project Will Allow The City To Install New Aerators At The Wastewater Treatment Plant.
City of Island	Hwy 431 Island Sewer Extension	SX21149014	Ts Project Will Extend Sewer Service To Customers Along Hwy 431 Just South Of The City Of Island And Rehab Or Replace Three Pumps At The Both Lift Stations. this Project Will Also Require The Repair Or Replacement Of At Least One Effluent Pump At The Sewer Treatment Plant.
McLean County Fiscal Court	Sacramento Sewer Pumps	SX21149015	This Project Will Allow The City Replace Deteriorating Pumps Located At Each Customer Connection. the Existing Pumps Are Simply Old And Require Constant Repairs Which Are Depleting The City'S Financial Resources. there Are Approximately 375 Pumps To Be Replaced. this Project Will Also Allow The City To Reconstruct The Existing Sacramento Lift Station On Ky85 East, 500 Feet From Ky81 North. this Lift Station Has Become Severly Deteriorated.
McLean County Fiscal Court	Myer Creek Park Sewer Extension	SX21149016	This Project Will Construct Approximately 1/2 Miles Of 6-Inch Sewer Main To Serve The Facilities In The Myer Creek Park. a Pump Station Will Also Need To Be Constructed And The Park Will Be Connected To The Calhoun Sewer System. no New Or Underserved Households Will Be Served As Part Of This Project.
McLean County Fiscal Court	Sacramento Sewer Pumps 2	SX21149017	This Project Will Allow The City To Replace Deteriorating Pumps Located At Each Customer Connection. the Existing Pumps Are Old And Require Constant Attention That Continues To Depelete This City'S Financial Resources. this Project Will Replace 78 Of The City'S 318 Pumps.
McLean County Fiscal Court	Rumsey Sewer Phase II - Sutton Lane	SX21149018	This Project Will Extend A 6 Inch Sewer Line Along Sutton Lane In Rumsey To Serve 6 Households And One Church. this Project Will Also Relieve The Debt Service Incurred From The Installation Of The Rumsey Sewer System (sx21149007).
McLean County Fiscal Court	Rumsey Sewer Phase III - Higgs Lane	SX21149019	This Project Will Extend 3300 Linear Feet Of 6 Inch Sewer Mains Along Higgs Lane And North Canal Street In The Rumsey Community.
McLean County Fiscal Court	Beech Grove Sewer	SX21149020	This Project Will Serve The Community Of Beech Grove With Sanitary Sewers. it Is Proposed That The Henderson Water Utility Will Provide Treatment To The System. however, A Feasibility Study Will Need To Be Conducted To Determine If Hwu Is The Appropriate Treatment Provider.

	Project Title	WRIS	Description
City of Sacramento Legal Applicant	Sacramento Wastewater Treatment Plant Improvement	SX21149021	An Influent Meter Will Be Installed To Comply With Dow Requirements. this Meter Will Allow The Treatment Plant To More Accurately Determine The Volume Of Wastewater Being Treated.
Northern Madison County Sanitation District	Northern Madison County Sanitation District - I-75 Area	SX21151001	Construct 1.0 Mgd Sequencing Batch Reactor Wastewater Treatment Plant And A Collection Pump Station System To Transport Wastewater To The New Wwtp For Treatment.
Northern Madison County Sanitation District	Northern Madison County Sanitation District - Expanded I-75 Area	SX21151002	Addition Of Four Pump Stations, Increasing The Capacity Of Two Existing Pump Stations And Continued Expansion Of System Collection Capabilities.
Northern Madison County Sanitation District	Northern Madison County Sanitation District	SX21151003	Expansion Of The Wastewater Treatment Plant To 2.0 Mgd. there Will Be Additional Collector And Interceptor Lines Installed.
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Otter Creek Wastewater Treatment Plant	SX21151004	The Project Consists Of The Construction Of A New Wastewater Treatment Plant On Otter Creek Below The Confluence Of Dreaming Creek. the New Plant Will Be 8.0 Mgd (average) And 24.0 Mgd (peak). the Elimination Of The Dreaming Creek Plant (ky0022845) And The Tates Creek Plant (ky0022853).
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Red House Road Relief Sewers (rs-A, Rs-B, & Rs-C)	SX21151005	Approximately 9,600 Linear Feet Of 8 Inch, 12 Inch, And 30 Inch Sewer Pipe. the Installation Of This Gravity Sewer Will Allow For The Elimination Of The Tates Creek Wastewater Treatment Plant And Four Pumping Stations.
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Tates Creek Water Shed Transfer System (p.s.4/f.m.4)	SX21151006	Approximately 9,500 Linear Feet Of 18 Inch Force Main To Pump And Convey Wastewater From The Tates Creek Areas To The New Otter Creek Outfall And Treatment System. upon Completion, The Tates Creek Wastewater Treatment Plant Will Be Decommissioned.
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Sses - Otter Creek Outfall Area	SX21151007	Sewer System Evaluation Of The +/- 2.5 Square Mile Otter Creek Drainage Basin To Identify And Reduce Excessive Flows In The Transportation And Treatment System.
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Otter Creek Outfall (o.s.4)	SX21151008	Approximately 8,800 Linear Feet Of 24 Inch Outfall Sewer From The Otter Creek Pumping Station (lower Four Mile) To The New Otter Creek Wastewater Treatment Plant. upon Completion Of This Outfall Sewer, The Otter Creek Pumping Station Will Be Removed From Service.
Richmond Water, Gas, and Sewerage Works	Richmond Utilities Dreaming Creek Outfall Sewer (o.s.2)	SX21151009	Approximately 17,000 Linear Feet Of 30 Inch Through 42 Inch Outfall Sewer From Dreaming Creek Wastewater Treatment Plant To The New Otter Creek Pumping Station.
City of Berea Sewer Commission	Us 25 North Sewer Extension Project	SX21151011	Providing Trunk Sewers To Newly Annexed Areas With Large Masses Prior To Development, Preventing Need For Other Treatment Process.
City of Berea Sewer Commission	West 595 Trunk Sewer, Pump Station, And Force Main	SX21151012	New Trunk Sewer, Pump Station, And Force Main To Provide Sewer Service On Highway 595, West Of I-75.
City of Berea Sewer Commission	Berea-Dogwood Heights Collector Sewers	SX21151013	Collector Sewers For 50 Homes And Pump Station And Force Main To Pump The Wastewater To The Existing Sewer System.
City of Berea Sewer Commission	Sugarville/terrell Branch Interceptor	SX21151014	Trunk Sewer Extension To Provide Sewer Service To Terrill Branch Road Area Including About 25 Existing Homes. Eliminate Existing Pump Station.
Northern Madison County Sanitation District	Madison County Fiscal Court - Madison County Utilities - Clarksville - Terrill Sewer Project	SX21151016	Sanitary Sewer Collection System With Gravity Sewers. The Community Of Terrill Has Approximately 176 Homes, None Of Which Have Public Sewer Collection And Treatment. The Method Of Treatment For These Homes Is Either Septic Tanks Or In Some Instances Straight Pipes To A Creek. Many Of These Septic Systems Are In Poor Condition And Failing. Visual Inspection Of Creeks In This Area Reveal Signs Of Raw Sewage. This Collection System Will Discharge Into The Existing Battlefield Sub-Division Collection System For Treatment At Their Existing Wastewater Treatment Plant.

	Project Title	WRIS	Description
Madison County Fiscal Court Legal Applicant	Executive Park Sewer Improvements Project	SX21151017	Madison County Sanitation District #2 Proposes To Clean & Tv Existing Sewer Lines And Repair Lines As Needed. the Package Treatment Plant Is To Be Replaced Without Change In Location Or Capacity. pump Stations Are To Be Replaced And Back-Up Pumps Acquired. manholes Will Be Replaced As Needed.
Northern Madison County Sanitation District	Whitehall State Shrine Lift Station Project	SX21151018	Project Proposes To Construct A 600 Gpm Lift Station And 10,000 Lf Of 10" Force Main O Serve Areas Around The White Hall State Shrine And New Madison County Park Facility.
Northern Madison County Sanitation District	Boones Trace Wastewater Interconnection Project	SX21151019	Project Proposes To Construct A 400 Gpm Lift Station And 10,000 Lf Of 8" Force Main To Transport Wastewater From The Boones Trace Subdivision To The NMcSd New Wwtp.
Northern Madison County Sanitation District	Terrill Wastewater Collection System Extension	SX21151037	Construct New Gravity Sewer And Force Main Sewer Lines To Serve Homes And Businesses North Of Existing Collection System.
Northern Madison County Sanitation District	Ft. Bonnesboro Force Main & Pump Station	SX21151038	Construct Two Pump Stations And Force Mains To Transport Wastewater From Ft. Boonesboro State Park To Existing NMcSd Collection System.
Northern Madison County Sanitation District	NMcSd - Madison Village Collection System Rehab	SX21151039	Rehab Approximately 10,300 Gravity Sewers, 3 Ps'S, 60 Mh'S And 2,900 Ft. Of Fm To Reduce I & I In A Subdivision Of Approximately 235 Homes And Collection System.
Water Gas and Sewer Works	Willgreen Lift Station Replacement Project - Richmond	SX21151040	The Willgreen Lift Station Provides Sanitary Waste Pumping For Approximately 4,000 Units Including 160 Commercial Developments, 399 Multifamily Units, 142 Mobile Home Units, And 422 Single Family Residences. The Project Calls For The Replacement Of An Existing Tri-Plex Station With Emergency Storage And Increased Pump Capacity. Additionally A Portion Of The Forcemain Will Have To Be Relocated To Accommodate Increased Flows From 700 Gpm To Approximately 2,400 Gpm. Replacement Of This Station Will Decrease Surface Water Impact Caused By System Overflows.
Water Gas and Sewer Works	Foxhaven Cantex Station Replacement - Richmond Utilities	SX21151041	Project Is To Replace An Existing Cantex Submersible Can-Type Lift Station With A New Duplex Submersible Station. Existing Station Is Prone To Failure And Is A Safety Hazard For Employees To Work In. Components Are Located In A Buried Metal Can Which Constitutes A Confined Space Work Environment. Failures At The Station Produce Surface Water Pollution Due To Wetwell Overflow. Station Replacement Will Reduce Environmental Impact To Surface Waters.
Richmond Gas and Water Sewer Works	Madison Foxhaven Cantex Station Replacement	SX21151041	Project Is To Replace An Existing Cantex Submersible Can-Type Lift Static With A New Duplex Submersible Station. Existing Station Is Prone To Failure And Is A Safety Hazard For Employees To Work In. Componentst Are Located In Buried Metal Can Which Constitutes A Confined Space Work Environment. Failures At The Station Produce Surface Water Pollution Due To Wetwell Overflow. Station Replacement Will Reduce Environmental Impact To Surface Waters.
Northern Madison County Sanitation District	Clays Ferry Estate Wastewater Collection System N. Madison	SX21151042	Gravity Sewer Collection System For Clays Ferry Estate And Adjacent Area.
SALYERSVILLE WATER WORKS	Salyersville Wastewater Extensions Projects	SX21153001	This Project Will Extend Sewage Collection Lines To Ky 40/mash Fork Road Area/will May Branch/auxier Branch/sugar Camp/us 460/parkway Drive/allen Drive In Magoffin County. these Extensions Will Eliminate 180 Straight Pipes And Numerous Failing Septic Systems. construction Of This Project Could Be Started Immediately. these Projects Are Part Of The 201 Facilities Plan.

	Project Title	WRIS	Description
SALYERSVILLE WATER WORKS Legal Applicant	Magoffin County Fiscal Court - Water/sewer Expansion	SX21153016	Magoffin County Fiscal Court - Water/sewer Expansion/house Bill 65. The Magoffin County Fiscal Court Will Divide \$1.8 Million Within The County For Water Projects Associated With Magoffin County Water District And Sewer Projects Associated With Salyersville Water Works. The Water Project Has A Project Number Of Wx21153016 For Cost Of \$700,000 For The Magoffin County Water District For Various Lines Throughout The County. The Remaining Funds Will Be Used To Help Complete Or Act As Matching Funds For Additional Pride Funding In Order To Complete Sewer Line Extensions In The Burning Fork Area As Noted In Project Number Sx21153016 For \$1,968,892 Works, And To Complete Project Number Sx21153017 For \$688,498 To Complete Will May Branch, Lakeview, And Replacement Line At The Mouth Of Burning Fork Off Of Ky 114.
SALYERSVILLE WATER WORKS	Magoffin County Fiscal Court - Water/sewer Expansion	SX21153017	Magoffin County Fiscal Court - Water/sewer Expansion/house Bill 65. The Magoffin County Fiscal Court Will Divide \$1.8 Million Within The County For Water Projects Associated With Magoffin County Water District And Sewer Projects Associated With Salyersville Water Works. The Water Project Has A Project Number Of Wx21153016 For Cost Of \$700,000 For The Magoffin County Water District For Various Lines Throughout The County. The Remaining Funds Will Be Used To Help Complete Or Act As Matching Funds For Additional Arc Funding In Order To Complete Sewer Line Extensions In The Burning Fork Area As Noted In Project Number Sx21153016 For \$1,968,892 Works, And To Complete Project Number Sx21153017 For \$688,498 To Complete Will May Branch, Lakeview,stringtown,sublet And Replacement Line At The Mouth Of Burning Fork Off Of Ky 114.
SALYERSVILLE WATER WORKS	Salyersville Wastewater Extensions Projects	SX21153502	The Project Would Provide Sewer For Sixty Households Along Ky 30. The Project Would Start At The 30 & 460 Intersection Near Salyersville. the Land Has Potential Economic Opportunities If Infrastructure Was Present. majority Of The Homes Utilize On-Site Sytems Such As Septic Tanks Or Straight Pipes.
SALYERSVILLE WATER WORKS	Salyersville Wastewater Extensions Projects 114 - Burning Fork Area	SX21153503	The Project Will Provide Service East Of Salyersville Along Ky 114, Burning Fork Area And Ky 1888, And 1415 Toward Conley. the Project Will Proide Service To Extrem Dense Populations Of That Area. a Total Of 693 Potential Customers Could Be Serviced.
SALYERSVILLE WATER WORKS	Salyersville Wastewater Extensions Projects Along Ky 2020 And Ky 40	SX21153504	The Project Will Provide Service Along Ky 2020 And Ky 40.the Lakeview Area. the Project Will Serve A Total Of 213 Customers. The Population Of This Area Is Very Dense. The Project Will Connect To The Existing Lines And Go Eastward Away From The City Of Salyersville Toward Johnson County Serving The Communities Of Falcon And Mash Fork.
SALYERSVILLE WATER WORKS	Salyersville Wastewater Extensions Projects Along Ky 867	SX21153506	The Project Will Consist Of Sewerline Extensions Near Royalton Along Ky 867. The Project Will Tie Into The New Sewerlines That Will Be Constructed In Royalton. The Project Will Serve Potential 213 Customers. The Area Will Be Developed Due To The Race Way Now Located There.
Magoffin County School Board	Sanitary Sewer Extension - South Elementary School	SX21153507	Construct A 50 Gpm Wastewater Pump Station And 10,500 Lf Of 3" Force Main To Convey Sanitary Wastes From The New School To Existing Sewer System At Royalton.
SALYERSVILLE WATER WORKS	Phase III - Salyersville Sewer Project Old Us 460 And Sugar Camp	SX21153508	Extend Collector Sewers To 62 Households On Old Us 460 And Sugar Camp
CITY OF SALYERSVILLE	Phase Iv Burning Fork Birch To Bradley	SX21153509	Extend Collector Sewer On Burning Fork From Birch Branch To Bradley Project Will Serve 113 Customers. project Will Also Pick Up Rt 30 (connelly Farm).
SALYERSVILLE WATER WORKS	Phase V - Burning Fork Bradley To Ivyington	SX21153510	Sewer To Serve Head Of Burning Fork Bradley To Dotson To Ivyington Serving 199 Customers.

	Project Title	WRIS	Description
City of Salyersville Legal Applicant	Tackett Bottom Sanitary Sewer Project	SX21153520	Sanitary Sewer Project To Eliminate Straight Pipes And Failing Septic Tank At Residences Along Rt. 40 In Salyersville(and Sugar Camp) Not Served By Prior Sewer Projects. sewer Will Be A Pressure Sewer System.
City of Lebanon	Lebanon Wastewater System Improvements	SX21155001	Sewer Extensions To Industrial Park And Residential Area And Along Proposed Bypass (design Phase) And To The East And North Of The City Into The Unincorporated Area But Within Our Planning Area. this Project Is Still Under The Planning Phase. with Planning Still Under Progress, The Final Cost Is Still Yet Undetermined. the Total Estimated Project Cost Is \$293,000.
City of Loretto	Loretto/marion Co. Regional Sewer System Project	SX21155002	The City Of Loretto Desires To Construct Sanitary Sewer Lines Within Its Corporate Boundaries, Including An Unincorporated Portion Of Marion Co. To Alleviate And Control The Serious Health Hazards Associated With An Inadequate Wastewater Collection System. the City, Unable To Feasibly Operate And Maintain Its Own Wastewater Treatment System, Desires To Construct Approx. 41,010 Linear Ft Of Gravity Sewer, Seven Wastewater Pump Stations And Approx. 62,460 Linear Ft Of Force Main. wastewater From The Collection System Will Be Transported Via The New Force Main To The City Of Lebanon'S Wtp. also, The Construction Of A 6,000 Square Foot Multi-Purpose Office/wastewater Storage Building.
Lebanon/Marion County Industrial Foundation	Lebanon/marion County Industrial Development Authority - Industrial Site Water & Sewer	SX21155003	This Project Will Provide Sewer To An Existing 100 Acre Industrial Park. the Total Cost Of The Sewer Project Is \$250,000.
City of Bradfordsville	City Of Bradfordsville Wwtp And Manhole Rehabilitation	SX21155006	This Is A Two-Part Project: 1) Manhole Rehabilitation, Sediment Removal, And Wwtp Wet-Well Sealing And Repair & 2) Construction Of An Additional Clarifier To Provide Redundancy In The Operation Process For The Wwtp. approximately 50 Manholes Will Be Rebuilt Or Replaced. the Wwtp Clarifier Will Have A 120feet Diameter And Will Be Identical To The Existing Clarifier. this Project Is Estimated To Cost \$324,445
City of Lebanon	Lebanon / Marion Industrial Pre-Treatment Facility	SX21155007	The Lebanon / Marion County Industrial Authority Will Construct A Wastewater Pre-Treatment Facility For Use In A New Industrial Area. the Project Is Designed To Service A New Industrial Client (food Processor) Bringing Approx. 400 Jobs. the Facility Will Remove Solids & Grease Prior To Discharge Into The Sanitary Sewer System. the Daf (dissolved Air Flotation) Facility Will Be Designed To Pre-Treat Approximately 318,000 Gal. Day In Average Flow At A Cost Of \$2.7 Million.
CITY OF CALVERT CITY	Calvert City Sewer-A Avenue, B Avenue, And Beech Street Sewer Extension	SX21157000	This Project Will Extend Service To A Residential Area, A Number Of Warehouses, And One Small Wood Products Industry. there Are Approximately 12 Residences That Are Currently On Septic Tanks. project Consists Of 2500' of 8" Main, 1400' of 6" Force Main, And One Lift Station. will Provide Sanitary Sewer Service In One Of The Last Remaining Areas Of The City That Are Still Served By Septic Tanks.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Phase II Colorado Street Sewers	SX21157001	Extend Sewers To Residents On Colorado Street And Immediate Area.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Phase Iii-Colorado Street Sewers	SX21157003	Extend Sewers To Residents In Vicinity Of Colorado Street.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Phase Iv-Colorado Street Sewer	SX21157004	Install Collection Sewer To Remainder Of Residents In Colorado Street Area.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Sewers On Ky-95 And Ky-282	SX21157006	Install Sewer Lines To Collect Sanitary Waste From Westlake Pvc And Degussa.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Horace Barnes Road Sewers	SX21157007	Install Collection Sewer For Residents On Horace Barnes Road.

	Project Title	WRIS	Description
CITY OF HARDIN Legal Applicant	Hardin Sewer-Dexter-Almo Extension	SX21157008	This Project Will Extend Service Into Calloway County Into The Area Of Dexter-Almo. this Area Has Failing Septic Systems And The Soils Do Not Drain Well For An Type Or Size Of Septic Systems. this Project Would Eliminate These Failing Septic Systems Due To Drainage Problems.
CITY OF BENTON	Benton Sewer-Southwest Marshall Extension	SX21157009	This Project Will Extend Sewer Service To The Southwest Corner Of Marshall County. the Soils In This Area Are Not Very Good And Some Areas Are Experiencing Failing Septic Systems.
MARSHALL COUNTY FISCAL COURT	Marshall County Fiscal Court-Sewer Extension Northeast Of Draffenville To Calvert City	SX21157010	This Project Calls For Connecting The Systems Of Draffenville And Calvert City And Picking Up A Large Area Of Growth. it Will Also Take In The State Park And Many Existing Subdivisions In The Area.
BENTON WATER AND SEWER SYSTEM	Marshall County Fiscal Court-Sewer Connection From Benton To Draffenville	SX21157011	This Project Will Link Marshall County S.d. #2 With The City Of Benton. In Order To Make This Connection, It Will Be Necessary To Expand The Benton Treatment System. a New Pump Station/force Main Will Convey Wastewater From Draffenville To Benton. Benton Will Assume Ownership, Operation, And Maintenance Responsibilities For The Project.
MARSHALL COUNTY SANITATION DISTRICT #1	Marshall County S.d. #1-Southeast Marshall Extension	SX21157012	The Extension Area Will Pick Up An Area That Is Presently Well Populated And Experiencing Growth.
MARSHALL COUNTY FISCAL COURT	Marshall County Fiscal Court-New Sanitation District East Of Draffenville	SX21157013	This Project Would Consist Of Creating A New Sanitation District To Serve The Population In This Area. this Area Is One Of Growth That Also Sees A Lot Of Seasonal Population. the Project Calls For The Addition Of All Needed Facilities To Accomodate The Areas Of Population.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Wastewater Plant Upgrade	SX21157017	This Upgrade Will Boost The Plant'S Treatment Capacity From 0.390 Million Gallons Per Day To 0.650 Million Gallons A Day.
CALVERT CITY WATER & SEWER	Calvert City Sewer-Riley Circle Road Sewer Extension	SX21157021	This Extension Will Provide Sewer Service To A Residential Area And Highway Frontage, Which Has Potential For Future Development. this Project Will Provide Service To 10 Residents.
MARSHALL COUNTY SANITATION DISTRICT #2	Marshall S.d.#2-Plant Upgrade	SX21157022	The Proposed Project Description Includes The Construction Of A New Influent Pump Station, Uv Disinfection/effluent Flow Measurement Structure, Three (3) Sbr Tanks, Aerobic Digester, And Post Equalization/aeration Tank. this New 150,000-Gpd Wastewater Treatment Plant Will Have Sufficient Capacity To Treat Existing And Future Flows From The Community Of Draffenville As Stated In The Dow Approved 2003 Regional Facilities Plan.
MARSHALL COUNTY SANITATION DISTRICT #2	Marshall S.d.#2-Sewer Extension	SX21157023	This Project Will Extend Sewer Service Into The Area Immediately South And East Of Draffenville, Along Highways 641s And 68e.
CALVERT CITY MUNICIPAL WATER AND SEWER	Calvert City Sewer-Phase II Sewer Rehab	SX21157024	The Second Phase Of The Calvert City Sewer Rehab Will Continue To Address Inflow And Infiltration Issues Within The Collection System. this Will Consist Of Clay Tile Replacement And Slip Lining In Areas Where The Infrastructure Has Deteriorated. this Will Also Help Maximize The Capacity Of The Treatment Plant, In Order To Accomodate Future Expansion Of The Customer Base.
CALVERT CITY MUNICIPAL WATER & SEWER	Calvert City Sewer-Phase III Sewer Rehab	SX21157025	The Third Phase Of The Calvert City Sewer Rehab Will Continue To Address Inflow And Infiltration Issues Within The Collection System. this Will Consist Of Clay Tile Replacement And Slip Lining In Areas Where The Infrastructure Has Deteriorated. this Will Also Help Maximize The Capacity Of The Treatment Plant, In Order To Accomodate Future Expansion Of The Customer Base.
CALVERT CITY MUNICIPAL WATER & SEWER	Calvert City Sewer-Phase I Ext. With Low Pressure Grinder Pumps	SX21157027	The Completion Of This Project Will Provide Sewer Service To Multiple Households Utilizing Individually Owned And Maintained Grinder Pumps. this Will Allow Areas That Are Difficult To Serve Municipally To Have A Cost Effective Method For Sanitary Sewer Service.

	Project Title	WRIS	Description
CALVERT CITY MUNICIPAL WATER & SEWER Legal Applicant	Calvert City Sewer-Phase II Ext. With Low Pressure Grinder Pumps	SX21157028	The Completion Of The Second Phase Of This Project Will Provide Sewer Service To Multiple Households, Utilizing Individually Owned And Maintained Grinder Pumps. this Will Allow Areas That Are Difficult To Serve Municipally To Have A Cost Effective Method For Sanitary Sewer Service.
CITY OF BENTON	Benton Sewer System-Lagoon Upgrade	SX21157029	The City Of Benton'S Wastewater Treatment Facility Is In Need Of Repair And Upgrades. included Is The Repair And Replacement Of Aerators That Are Out Of Service And/or Haven'T Met Their Intended Design Life Within The Primary Lagoon. excess Solids Will Also Have To Be Removed. the Artificial Wetland Treatment Cells Are To Be Rehabilitated.
MARSHALL COUNTY SANITATION DISTRICT #1	Marshall Sd 1-Liftstation Repair/replacement	SX21157030	The Marshall County Sanitation District #1, Located In Aurora, Requests Funding To Replace A Number Of Their Aging Lift Stations. maintenance Has Become A Problem, And Due To Their Age And The Number Of Lift Stations Within The System, Assistance Will Be Needed To Address These Issues.
CALVERT CITY MUNICIPAL WATER AND SEWER SYSTEM	Calvert City Sewer - Riverport Sewer Line Extension	SX21157031	The Project Consists Of The Installation Of A Sewer Lift Station, Force Main, And Appurtenances In The Calvert City Riverport Industrial Park. the Lift Station Will Be Located Near A Proposed Industry Will Pump Domestic Sewer Approximately 20000 Feet Through The Proposed Force Main To The Existing City Wwtp.
City of Calvert City	Calvert City - Cypress Lakes Force Main And Liftstation Upgrade	SX21157032	The Completion Of The Project Will Allow For Calvert City To Alleviate Two Package Treatment Plants. this Will Also Allow For An Area Near I-24 To Grow With Commercial Use.
CITY OF INEZ	Inez Wastewater Sewerline Extension Ky 3	SX21159001	The Project Consist Of Two Line Extensions. The First Extension Will Run Along Ky 3 To Davella. Theis Portion Of The Project Will Open The Availability Of Land For Economic, Comercial And Residential Growth When Us Prison Is Opened. The Second Extension Will Serve A Trailor Park Off Of Ky 645. The Spaces Currently Can Not Be Rented Due To Lack Of Infrastructure.
CITY OF INEZ	Inez Wastewater Sewerline Extension Ky 3 Rockcastle Branch	SX21159002	The Project Would Provide Service To The Northern Portion Of Inez Along Route 3 And Rockcastle Creek. The Area Is Very Close To The Creek And Many Of The In-Site Systems Are Failing. the Project Area Has High Density Of Population On In Areas On The East Side Of Ky 3. The Project Would Provide Service To 119 Potential New Customers.
CITY OF INEZ	Inez Wastewater Sewerline Extension West Ky 40 Tomahawk	SX21159003	The Project Extends Westward Along Ky 40 Toward Tomahawk Providing Service To Potential 94 Cutomers. the Area Has Very Dense Residential Areas. The Project Would Replace Ptp At Tomahawk Elementary.
CITY OF INEZ	Inez Wastewater Sewerline Extension Saltwell	SX21159004	The Project Would Provide Service To 44 Potential Customers Located At Saltwell An Area South West Of Inez Wwtp Located Off Ky 645. the Area Has High Quality Tracts Of Land Suitable For Residential Growth And Development.
CITY OF INEZ	Inez Wastewater Sewerline Extension Ky 40 And Ky 908	SX21159005	The Project Will Provide Sewer to Areas Southeast Of Inez. The First Area Along Ky 40 Has Several Businesses And The Main Infrastructure Of Roadway To Get From Inez To West Virginia. the Second Area Is The Location Of High Reality And Land Investment Within The County With A Dense Population. The Area Also Contains Several Tract Of Land For Sale For Residential Use. The Project Would Provide Sewer To 260 Potential Customers.
INEZ SEWER SYSTEM	Inez Wastewater System Upgrade	SX21159010	Upgrades To The Wwtp And Existing Main Inside City Of Inez Ky0079316
INEZ SEWER SYSTEM	Inez Sewer Plant New Wwtp	SX21159011	New Sewer Plant Near Ky 645 Ky 3

	Project Title	WRIS	Description
Inez Sewer Commission Legal Applicant	Inez Sewer Commission - Collection System Replacement Phase 1	SX21159012	This Project Includes The Construction Of Certain Waste Water Treatment Plant Improvements Consisting Of But Not Limited To Providing And Installation Of: A Screen And Grit Removal System With Controls Enclosed In A Block Building; Flood Proofing The Chlorine Contact Tank, Influent Pump Station And Valve Vaults; Renovation Of The Control Building Including New Windows And Doors, Interior And Exterior Painting, New Roof, New Light Fixtures, And Miscellaneous Electrical Improvements Including Lights And Electric Heaters, Reconfiguration Of The Fencing, Site Re-Grading, Additional Paving, And Specific Confined Space Entry Safety Equipment.
MARTIN COUNTY FISCAL COURT	Tug Valley Sewer Project Phase I	SX21159501	The Tug Valley Sewer Project Will Serve An Area In Martin County, Kentucky That Is Impacted By Failing Septic Systems And Straight Pipes. This Area Includes The City Of Warfield. the Phase I Of The Project Will Be Designing And Construction Of A Wastewater Treatment Facility And Sewer Collection Lines Which Will Serve The City Of Warfield, Lovely, Collins Creek, Dempsy Housing, & Riverside Housing. phase I Will Serve Approximately 459 Customers. The Treatment Plant Will Be Built To Serve Eventually 1000 Customers Or More.
MARTIN COUNTY FISCAL COURT	Tug Valley Sewer Project Phase II	SX21159502	The Tug Valley Sewer Project Phase II Includes Providing Sewer Service To The Lovely Area Of Martin County. The Project Will Provide Sewer Service To 266 New Customers Costing \$3,306,900.
MARTIN COUNTY FISCAL COURT	Tug Valley Sewer Project Phase V	SX21159503	The Tug Valley Sewer Project Phase V - The Project Will Be Designing And Construction Of A Wastewater Collection Lines Which Will Serve North Of The City Of Warfield. The Project Will Provide Service To 150 Potential Customers Along Ky 292 And Us 52. the Project Will Provide Service The Community Of Stepptown Wv And Martin County Housing Authority Where A Ptp Exist.
MARTIN COUNTY FISCAL COURT	Tug Valley Sewer Project Phase III	SX21159504	The Tug Valley Sewer Project Phase III - The Project Will Provide Service To 225 Potential Customers In The Beauty Community.
MARTIN COUNTY FISCAL COURT	Tug Valley Sewer Project Phase Iv	SX21159505	The Tug Valley Sewer Project - Phse Iv The Project Will Be Designing And Construction Of sewer Collection Lines Which Will Serve Southwest Of Lovely Along Wolf Creek.
MASON COUNTY FISCAL COURT	Mays Lick Sewer System	SX21161002	Project Will Serve Mays Lick Area. will Consist Of Collection And Treatment Systems.
Mason County Fiscal Court	Mays Lick 201	SX21161003	The Facilities Plan Presents The Elements Considered To Meet The Needs Of PI 92-500. that Is, A Projection Of Wastewater Treatment Requirements That Will Reduce Pollution And Result In Surface And Ground Water Use Restoration And Public Health Improvements Based On The Reasonable Limits Of Environmental, Economic, Managerial, And Aesthetic Factors. this Project Will Also Include Constructio Of Germantown Sewers (sx21161001).
Maysville Utility Commission	Maysville Utility Wastewater Dump Station	SX21161004	Design And Construction Of A Dumping Facility For Septic Waste Haulers. this Will Reduce Slug Loads Of Sewage At The Wastewater Treatment Plant.
MAYSVILLE UTILITY COMMISSION	Maysville Utility- stonelick Line Extension	SX21161006	Eension Of An 8" Sewer Line To Serve 10 Unserved Households And To Eliminate An Outdated Sewer Package Treatment Plant That Serves 70 Households. this Project Will Also Serve An Industrial Park.
Maysville Utility Commission	Maysville Combined Sewer Elimination	SX21161007	Eliminate Various Combined Sewer In Maysville. system Is Currently Under Federal Consent Judgement With The Epa To Eliminate Combined Sewer Overflows.
Maysville Utilities Commission	Maysville Utility Commission Beasley Creek Backup Power	SX21161008	Project Will Provide Backup Power For The Beasley Creek Sewer Lift Station
Masville Utilites Commision	Maysville Utilities Clyde T. Barbour Sewer Line	SX21161010	Project Will Provide Sewer Line Aa Hwy To Sewer Plant Across Clyde T. Barbour Hwy.
Maysville Utility Commission	Woodland Drive Sewer Pump Station Upgrade	SX21161011	This Project Will Upgrade The Existing Sewer Pump Station.

	Project Title	WRIS	Description
Maysville Utility Commission	Hill N Dale Sewer Pump Station Upgrade	SX21161012	This Project Will Upgrade The Existing Sewer Pump Station.
Maysville Utility Commission	Center Street Pump Station	SX21161013	This Project Will Upgrade The Existing Sewer Pump Station.
Maysville Utility Commission	Shawnee Hills Pump Station	SX21161014	This Project Will Upgrade The Existing Sewer Pump Station.
Maysville Utility Commission	Aa Highway Sewer Upgrade	SX21161015	This Project Will Upgrade Appox 2700 Feet Of Gravity Sewer 8" To 12" Purge Road Bare.
CITY OF MAYSVILLE Legal Applicant	City Of Maysville-Washington Area Sewer Improvements	SX21161016	Project Includes Approximately 7000 Lf Of 16" Gravity Sewer Line, 6000 Lf Of 12" Gravity Sewer Line. 4000 Lf Of 8" Gravity Sewer Line, 6000 Lf Of 6" Force Main, 81 Manholes, 2 Lift Stations And Abandon 6 Existing Lift Stations.
City of Muldraugh	Muldraugh Wastewater Collection Rehabilitation Project	SX21163002	The Project Will Address Infiltration And Inflow And Include Replacement Of Approximately 30,000 L.f. Of Gravity Collection Lines And Approx. 6,000 L.f. Of Force Main. the City Will Also Spin Cast Several Manholes And Replace A Few With More Severe Impairment.
CITY OF FRENCHBURG	City Of Frenchburg Mccausey/amos Ridge Extension Project	SX21165007	This Project Involves The Construction Of Approximately Five Miles Of Collection Lines To Serve 25 Homes In The Amos Ridge Area And 20 Homes In The Mccausey Ridge Area.
Menifee County Sanitation District No. 1	Menifee County Sanitation District No. 1 Wastewater System Improvements Project	SX21165012	This Project Will Involve System Improvements To The Plant And Collection System.
City of Frenchburg	City Of Frenchburg Tower Road And Cresent Hill Wastewater Collection Improvements	SX21165013	Construction Of Approximately 4000 Feet Of Gravity And Force Main Sewers To Serve Approximately 12 Households
Menifee County Sanitation District No. 1	Menifee County Sanitation District System Improvement Project Phase 2	SX21165014	Upgrade To Plant Office, Including Laboratory Equipment, Plumbing, And Restroom Facilities.
City of Frenchburg	City Of Frenchburg Bryant Lane/shotgun Hollow Sewer Line Extension Project	SX21165015	Construction Of Approximately 5,808 Lf Of 8" Pvc Gravity Sewer To Serve 29 Homes.
City of Frenchburg	City Of Frenchburg Belt Filter Press Project	SX21165016	Installation Of Belt Filter Press At Wwtp And Construction Of Building To House The Press.
Menifee County Sanitation District No. 1	Menifee County Sanitation District No. 1 Equalization Basin	SX21165017	This Project Proposes To Construct A 150,000 Gallon Equalization Basin To Provide The Necessary Storage Of Wastewater During Wet Weather Events.
City of Harrodsburg	Harrodsburg Collection System Rehabilitation	SX21167002	Rehabilitation Of Collection System Including Manhole And Line Replacements, Cured In-Place Pipe, Slip-Lining, Pipe Bursting To Improve The Structural Integrity And The Capacity And To Reduce I And I To The System.
City of Harrodsburg	Harrodsburg New Wastewater Treatment Plant	SX21167003	New Oxidation Ditch Treatment Facility (3.5 Mgd Average And 10.5 Peak Flows) Will Provide Service To Existing Customers And Unserved Residents, Comm., And Individuals (existing And Future) In City And County. joint Effort Between City And County Government Entities. 100% Of Existing Customer Base Will Be Impacted, And 100% Of County'S Customer Base.
Mercer County Fiscal Court	Mercer Co. Fiscal Court-Wastewater Planning Project	SX21167006	Development Of A County-Wide Plan For Initiating Wastewater Collection And Treatment For Mercer County. funds Will Be Used To Secure Skilled Consultant Engineers To Lead Our Fiscal Court And County In This Planning Process. it Includes The Following: 1. Wastewater Education, Awarness And Plan, 2. Required Funds And Sources Of Funds. 3. Recommend And Engage With Appropriate State And Federal Agencies.
City of Harrodsburg	Harrodsburg Anderson-Dean Pump Station Replacement	SX21167007	Improvements To The Collection System To Inceae Capacity: Project Includes Replacing Existing Grinder Station With Duplex Non-Clog P.s., Approximately 3200 L.f. Of 6" Dia. Force Main And Upgrading Of Downstream Station.
City of Harrodsburg	Harrodsburg South Interceptor Sewer Extension	SX21167008	Interceptor Sewer To Collect And Transport Existing And Future Flows From The South And East Sections Of The Planning Area. Project Includes Approximately 4500 L.f. Of 24" Dia. Sewer Lines, 15 Manholes, And Two (2) Highway Bores.

	Project Title	WRIS	Description
Mercer County Sanitation District Legal Applicant	Brightleaf Area Package Plant Elimination	SX21167009	Sanitary Sewer Improvements To The Brightleaf Area In Mercer County Will Result In The Elimination Of Four Package Treatment Plants With Varying Levels Of Permit Compliance Concerns. addressing These Sewer System Needs Will Help Enable Economic Development In The Area. the New Brightleaf Sanitary Sewer System Will Also Improve The Overall Public Health And Environmental Concerns In The Area Through The Decommissioning Of These Package Treatment Systems And Provide Rehabilitation To About 5000 Ft Of Existing Gravity Collection Systems. the New Brightleaf Sewer System Will Also Add About 2900 Ft Of New Sewer Gravity Collection Lines And 8400 Ft Of Force Main With One Centralized Pump Station And One Secondary Grinder Pump Station To Convey Wastewater From The Brightleaf Area Into The Harrodsburg Wastewater Treatment Plant Collection System. this Project Will Connect To A Project Under Consideration By The City Of Harrodsburg To Extend Gravity Sewers Out To Janes Lane At Us 127. this Expansion (sx21167008) Includes Wastewater Capacity For This Brightleaf Project.
City of Harrodsburg	Harrodsburg- college Street Sewer Line Replacement Near Mr. Quick	SX21167010	Replace The Existing 8" Gravity Sewer In College Street Near Mr. Quick With A 12" Gravity Sewer From Mh #5-03 To Mh #5-09 To Mh #5-11. modify Six (6)manholes For New Pipes And Reconnect Three (3) Existing Services.
Mercer Co. Sanitation District	Mercer Co. Sd-Ky Agricultural Heritage Center/McAfee Wastewater Conveyance Project	SX21167011	The Project Conveys Wastewater From The Proposed Kentucky Agricultural Heritage Center To The City Of Harrodsburg'S Wastewater Treatment Plant For Treatment And Disposal.
Mercer County Sanitation District	City Of Burgin Wastewater Conveyance Project	SX21167012	This Project Collects Wastewater In The Burgin Area And Conveys It To Harrodsburg'S Wastewater Treatment Plant For Treatment And Disposal.
City of Harrodsburg	Corning-Industrial Pump Station And Force Main System	SX21167013	This Project Includes Re-Routing Existing Flows From An Industry That Is Currently Being Discharged Into The City'S Old, Downtown Collection System. the Proposed Pump Station System Will Provide Service To Areas Near And Adjacent To The Highway By-Pass To Enable Industrial, Commercial And Residential Development.
City of Harrodsburg	Broadway To Factory Street Interceptor Replacement	SX21167014	Replace Approximately 10,000-Feet Of 21-Inch Gravity Sewer, 25 Manholes; Bore And Jack State Highway, Replace Pavement And Sidewalk; Relocate Waterline. This Project Will Eliminate Wet Weather Surcharging And Overflows In The Collection System, Improve Hydraulics And Increase Capacities.
CITY OF EDMONTON	Edmonton Fairgrounds Liftstation And Collector Lines	SX21169004	Replace A Liftstation And Collector Lines
CITY OF EDMONTON	Wastewater Facility Plan Edmonton	SX21169005	Projected 20 Year Facility Plan
CITY OF EDMONTON	Branstetter Bottom Liftstation	SX21169006	Replace Outdated Liftstation
CITY OF EDMONTON	Cumberland Parkway Area - Edmonton	SX21169007	Provide Sewer Service For Future Development.
CITY OF EDMONTON	River Road Project - Edmonton	SX21169008	Sewer Main Extensions To River Road Area.
city of Edmonton	Industrial Park South	SX21169009	New Developed 60 Acre Industrial Park. funding From This Project Will Also Be Used For The Completion Of Ex21169001.
CITY OF EDMONTON	Harvey Hurt Rd. Area	SX21169011	Sewer Service To New Area
CITY OF EDMONTON	Old Glasgow Street Area - Edmonton	SX21169012	Consturct Sewers For Future Development
CITY OF EDMONTON	Sartin Drive Area - Edmonton	SX21169013	Provide Sewer Service For Future Development.
CITY OF EDMONTON	Edmonton -	SX21169014	
FOUNTAIN RUN WATER DISTRICT #1	Fountain Run Upgrade	SX21171002	Extend Exsiting Lines For Low Level Income Housing.
CITY OF TOMPKINSVILLE	Tompkinsville Collection System Extensions To Unserved Areas	SX21171003	Add Sewer Lines To: Senior Home, Green Acres, Columbia Avenue, And Lakeview Estates.
CITY OF TOMPKINSVILLE	Tompkinsville Wastewater Treatment Plant Improvements	SX21171004	Sludge Handling Facilities And Other Improvements At Wastewater Plant. replace Obsolete Motor Control Center.

	Project Title	WRIS	Description
MONROE COUNTY FISCAL COURT	Monroe County Fiscal Court - Gamaliel Sewer Replacement And Improvement	SX21171005	Project Involves Replacement Of Equipment At Wastewater Treatment Plant. Including Operation And Maintenance Of The System.
CITY OF TOMPKINSVILLE	Tompkinsville Sewer System Rehab	SX21171007	Rehab. Sewer Line And Manholes On Pearl, White Pedigo, Short, And Paige Streets. replace 3 Deteriorated Lift Stations.
CITY OF TOMPKINSVILLE	Tompkinsville - Sewer Extension To Joe Harrison Carter School	SX21171008	Extend Sewer Service To Joe Harrison Carter School.
CITY OF GAMALIEL	Gamaliel Sewer Extension To Turner Trace Subdivision	SX21171009	Collection Of Sewage For This Subdivision
CITY OF GAMALIEL	Gamaliel Gravity Sewer Extension Hwy 87	SX21171010	This Project Will Extend Gravity Sewer Line To Approximately 15 Homes And Replace A Section Of Low Pressure Gravity Sewer.
CITY OF GAMALIEL	City Of Gamaliel-Sewer System-Sewer Modification	SX21171011	Pay Off Debt On Sewer Treatment Plant
FOUNTAIN RUN WATER DISTRICT #1	City Of Fountain Run-VariouS Water And Sewer Projects	SX21171012	Expand Leach Field Area Of The Sewer System And Other Minor Modifications (ie. Control Panel(s) Repairs, Etc.).
CITY OF TOMPKINSVILLE	Tompkinsville East Industrial Park Sewer Improvements	SX21171013	Install 3,000 Lf Of Sewer Collector Lines
FOUNTAIN RUN WATER DISTRICT #1	Fountain Run Water District #1 - Sewer System Improvements	SX21171014	The Project Will Make Much Needed Repairs To The Systems Nine Community Pump Stations, Such As, Replacement Of Pumps, Controls, Pump Rails/guides And Refurbishing Of Electrical Components
CITY OF GAMALIEL	City Of Gamaliel - Sewer System Upgrades	SX21171016	Use \$15,000 To Pay Kia Loan And Use \$10,000 For Maintainance.
CITY OF GAMALIEL	Gamaliel -	SX21171017	
Montgomery County Sanitation District #2 Legal Applicant	Montgomery Co. Sanitation Dist #2 Pump Station Elimination	SX21173009	This Project Proposes To Eliminate Pump Station 6 By Connecting Existing Force Main From P.s. 5 And P.s 7 And Installing An Additional 3,500 Lf Of 8" Force Main From The Location Of P.s.6 To The Wwtp. the Project Will Include A Valve Vault And A Flow Reducer At The Wwtp.
Montgomery County Sanitation District #2	Montgomery Co. Sanitation Dist.#2 Pump Station And Line Upgrade	SX21173010	Upgrade Of Pump Station #1 And Pump Station #2, Including Approximately 6,600 Lf Of Force Main, And Road Bores.
Montgomery County Sanitation District #2	Montgomery Co. Sanitation Dist.#2 Sludge Press/holding Tank Project	SX21173011	Construction Of Sludge Press/holding Tank
Mt. Sterling Water & Sewer System	Mt. Sterling Water & Sewer System Sewer Main Upgrade Project	SX21173012	Identify And Correct Problems Associated With Rain Water Entering The Sanitary Sewer System Via Breaks In The Wastewater Collection System Or Illegal Connections Such As Storm Sewers, Roof Drains, And/ Or Sump Pumps.
Mt. Sterling Water & Sewer System	Mt. Sterling Water & Sewer System Manhole Rehab Project	SX21173014	This Project Will Rehab Or Replace Approximately 250 Manholes To Reduce Inflow And Infiltration Problems For The System.
Mt. Sterling Water & Sewer System	Mt. Sterling Water & Sewer Eastland Heights Lift Station Upgrade Project	SX21173015	This Project Will Upgrade The Eastland Heights Pump Station To Current Standards And Wet Wells To Meet Dow Requirements. upgrade Of Existing Control Panel, Pumps, Guide Rail System And Wet Well Capacity.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Process Control Project	SX21173016	Install Process Control Equipment At The Hinkston Creek Wastewater Plant, Including Variable Frequency Drive Units On Each Of The 4 Vertical Aerators, Install Dissolved Oxygen Meters To Interface With Post Aeration Blowers And Install Continuous Phosphorus Meters On Wastewater Treatment Plant Influent And Effluent.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Portable Diesel Pump Project	SX21173017	This Project Will Be To Purchase A Portable Diesel Pump To Use At Lift Stations As Needed In The Event Of Power Failure Or Mechanical Failure.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Bluegrass Lift Station Elimination Project	SX21173020	This Project Includes 3,525 Feet Of 15" Gravity Sewer, 125 Feet Of 8" Gravity Sewer, 320 Feet Of Bore And Encasement, 12 Manholes And Related Appurtenances.
Mt. Sterling Water & Sewer Project	Mt. Sterling Water & Sewer Va Halla Lift Station Elimination Project	SX21173021	Construction Of 4,600 Lf Of 12" Gravity Sewer And Approximately 16 Manholes. the Project Will Impact Approx. 250 Existing Residential Customers.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Transcraft Lift Station Elimination Project	SX21173022	This Project Includes 3,500 Feet Of 12" Gravity Sewer, 360' bore And Encasement, 4 Manholes And A Sewer Tie In.

	Project Title	WRIS	Description
Mt. Sterling Water & Sewer Legal Applicant	Mt. Sterling Water & Sewer Long Wood Tie In Project	SX21173023	This Project Will Reduce The Capacity Of This Station As A Result Of The Reduced Amount Of Flow Received By This Station. current Capacity Of The Station Is 1,000 Gpm Utilizing A 12" Force Main. items Required To Be Resized Are The Control Panel, Pumps, Guide Rail System. a Reduction Is The Size Of The Sewage Force Main Serving This Station Is Also Required.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Pump Station No. 5 Project	SX21173024	Repair To Pump Station No. 5 And Replacement Of Approximately 3,640 Lf Of Force Main.
Montgomery Co. Sanitation District No. 2	Montgomery Co. Sanitation District No. 2 Pump Station No.s 3, 8, And 16 Upgrades	SX21173031	This Project Proposes To Replace Current Grinder Pumps At Pump Station No.s 3,8, And 16 With Non Clog Pumps.
Montgomery County Sanitation District No. 2	Montgomery Co. Sanitation District No. 2 Wwtp Aerator Upgrade Project	SX21173032	This Project Proposes To Upgrade Aerators At The Wwtp On The Oxidation Ditch Including New Covers, Gear Box And Motors.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Head Works Screen Project	SX21173033	Install New Head Works Screen At Wwtp To Allow For Elimination Of Grinder Pump Stations In Collection System.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Pump Station Upgrade 11 And 15	SX21173034	Replace Grinder Pumps At Pump Stations 11 And 15 With Non Clog Pumps. this Project Includes Repacing Wet Wells And Force Main.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Wwtp Closeout Project	SX21173035	Removal Of Sludge And Demoliton Of Structures At Old Wwtp.
Gateway Area Development District	Montgomery County Sanitation District No. 2 201 Plan Update	SX21173042	This Project Proposes To Complete A 201 Plan Update For The Sanitation District'S Service Area In Order To Plan For Future Growth And Extension Of Services.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District Lift Station Rehab Project	SX21173043	This Project Proposes To Rehabilitate Existing Lift Stations In The System.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District New Comminutor At Wwtp Project	SX21173044	This Project Proposes To Install A New Comminutor At The Plant.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Re Build Aerator Project	SX21173045	This Project Proposes To Rebuild The Aerator At The Wwtp.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District Upgrade Chlorine Room At Wwtp	SX21173046	This Project Proposes To Upgrade The Chlorine Room At The Wwtp.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Pump Station No. 4 Upgrade	SX21173047	This Project Will Upgrade Pump Station No. 4 To Non Clog, Including A New Wet Well And Necessary Force Main.
Montgomery County Sanitation District No. 2	Montgomery County Sanitation District No. 2 Phosphate Reduction System Upgrade	SX21173048	This Project Proposes To Construct A Storage Shed For Tank And Feed Equipment To Help In The Reduction Of Phosphates.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Woodford Drive Lift Station Upgrade Project	SX21173049	Upgrade Of Control Panel, Pumps, Guide Rails, And Increase Wet Well Capacity.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Arlington Avenue Lift Station Upgrade Project	SX21173050	Upgrade Of Control Panel, Pumps, Guide Rails, Increase Wet Well Capacity And Up Size Approximately 3,500 Lf Of 4" Force Main.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Doe Run Lift Station Upgrade	SX21173051	Upgrade Of Control Panel, Pumps, Guide Rails, And Increase Wet Well Capacity.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Spencer Road Lift Station Upgrade	SX21173052	Upgrade Of Control Panel, Pumps, Guide Rails, And Increase Wet Well Capacity.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Alliance Acres Lift Station Upgrade	SX21173053	Upgrade Of Control Panel, Pumps, Guide Rails, And Increase Wet Well Capacity.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Helig Meyers Pump Station Elimination Project	SX21173054	Construction Of This Project Will Consist Of Approximately 2,000 Lf Of 8" Gravity Sewer And Approximately 6 Manholes.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer Ill Study And Repair Project	SX21173055	Identify And Correct Problems Associated With Rain Water Entering The Sanitary Sewer System Via Breaks In The Wastewater Collection System Or Illegal Connections Such As Storm Sewers, Roof Drains, And/ Or Sump Pumps.
Mt. Sterling Water & Sewer	Mt. Sterling Water & Sewer System Mapping Project	SX21173056	Digitized Mapping Enable Project Upgrades To Be Updated In House In Addition To Providing More Comprehenxive Information Resulting In Better Management Of The System As A Whole. this Project Will Include Software, Programming, And Gps Point Collection.

	Project Title	WRIS	Description
Mt. Sterling Water & Sewer Legal Applicant	Mt. Sterling Water & Sewer Wastewater Scada System Upgrade	SX21173057	Replacement Of Scada System In Order To Allow This System To Operate Utilizing Current Operating Software. current System Uses An Outdated Operating System Not Compatible With The Latest Technology.
City of West Liberty	City Of West Liberty Hutchinson Road/daisy Knob Road Sewer Extension	SX21175012	Construction Of Approximately 32,000 Lf Of Gravity Sewer, Pressure Sewer, And Force Main To Serve Approximately 150 Residents With Sanitary Sewer. residential Style Grinder Pump Stations And Two Other Pump Stations Will Be Required. approximately 150 Septic Systems Will Be Eliminated With This Project.
City of West Liberty	City Of West Liberty Liberty Road Sewer Extension	SX21175013	Construction Of Approximately 50,000 Lf Of Gravity Sewer, Pressure Sewer, And Force Main To Serve Approximately 400 Residents With Sanitary Sewer. residential Style Grinder Pump Stations And Four Other Pump Stations Will Be Required. approximately 400 Septic Systems Will Be Eliminated With This Projects. the Project Is Located On County Road 2498 Between Index, Ky And The City Of West Liberty On Wells Hill Road.
City of West Liberty	City Of West Liberty U.s. 460 Force Main And Pump Station	SX21175015	Approximately 6,972 Lf Of 4" Force Main, One Duplex Grinder Pump Station, Related Appurtenances And Pavement Replacement.
City of West Liberty	City Of West Liberty Sewer Line Extension To Remaining Unserved	SX21175017	This Project Proposes To Provide Sewer Services To Approximately 150 Residents Within The City Limits. this Project Should Serve All Remaining Households In The Service Area.
Paradise Park RIDA	McFc/pprida - Sewer Extension	SX21177002	This Project Will Include 30,000 Lf Of 12" Force Main Which Will Extend From The Paradise Park Industrial Site To The Greenville Wwtp. A Pump Station Capable Of Transferring 800 Gallons Per Minute Will Be Constructed.
City of Greenville	Greenville Sewer Improvements - Phase II	SX21177003	This Project Will Be For Improvements To The Collection System To Reduce Inflow And Infiltration Problems And Sanitary Sewer Overflows. Also To Cover Areas Not Served With Service Now.
City of Drakesboro	Drakesboro-Beechmont Wastewater Extension	SX21177004	This Project Will Install Approximately 60,000 Lf Of 8" Gravity Sewer; 25,000 Lf Of 4" And 6" Force Main; 3 Collection Pump Station; 15,000 Lf Of Low Pressure Collector Sewer; And Associated Appurtenances To Provide Sanitary Sewer To An Estimated 250 Households Of Browder, Beechmont And Beech Creek. This Project Will Also Service A New Elementary School Planned For The Browder Area. The Drakesboro Wwpt Will Provide Treatment.
City of Greenville	Greenville - Kimberly Drive Sewer Extension-Wwtp Improvements	SX21177005	This Project Will Provide Sewer Service To An Area Of Northwest Greenville. The Project Will Include 3,349 Lf Of Gravity Sewer Collection Lines, 2,154 Lf Of Force Main And A Lift Station. The Project Will Eliminate 30 Septic Systems Including An Estimated 4 Failing Systems. Any Remaining Funds Will Be Used To Improve The Air Diffusion System And Add A Shelter For The Belt Press At The Wastewater Treatment Plant.
City of Greenville	Greenville - Sewer Pump Station Improvements	SX21177007	This Project Will Renovate And Upgrade The Existing Hospital Pump Station, Paradise Road Pump Station And The Oakland Hills Pump Station. The Caney Creek Area Collection Lines Will Also Be Cleaned And Telivised In Order To Make Needed Repairs.
City of Drakesboro	McFc/drakesboro - Wwtp & Pumpstation Improvements	SX21177008	This Project Will Make Numerous Modifications And Upgrades To The Drakesboro Wwtp And Pumpstations In Order To Allow Incresed Flow And Prepair For The Addition Of The Beachmont, Browder And Beechcreek Communities With An Estimated 250 Households To The Treatment System.
City of Drakesboro	Drakesboro - Tva Force Main Extension	SX21177009	This Project Will Extend 30,000 Lf Of 4" Sewer Force Main And Construct Two Pump Stations From The Tva Paradise Coal Plant To The Drakesboro Wwtp.
City of Cental City	Central City - Wwtp Expansion	SX21177010	This Project Will Expand The Central City Wwtp From 1.2 Mgd To 1.7 Mgd By Adding And Additional Aerator In The Oxidation Ditch, Additional Clarifier, Increasing Sludge Pumping Capabilities And Adding A Influent Screen.

	Project Title	WRIS	Description
City of Greenville Legal Applicant	Greenville - Foxboro Sewer Extension	SX21177011	There Are Five Homes In The Foxboro Subdivision That Need To Be Connected To The City'S Sewer System. Unlike The Rest Of The Subdivision, These Property Owners Have Been Waiting Sone 15-20 Years For This Sewer Project To Be Completed.
City of Bardstown	Lower Beech Fork River Waste Water Treatment Plant	SX21179001	4o Mgd Wwtp
City of New Haven	New Haven Wastewater Line Upgrade And Extensions	SX21179002	An Oxygen Ladder Is Needed Tohelp Control D.o. Problems. aeroratos Are Needed To Help With Deul Weed Control And D.o. wastewater Line Extensions Are Needed For A Certain Area That Can Be Opened Up To Better Serve Unserved Areas. This Project Received \$145,000 In Tdf Money.
City of Bloomfield, KY	Bloomfield Wastewater Improvements	SX21179003	Bloomfield Has Completed A Regional Wastewater Facilities Plan That Identified The Need To Replace A Section Of Intercepting Sewer Just Prior To Their Wwtp To Provide Capacity For Current Flow And Growth. this Project Will Replace Sections Of 8-Inch Pipe With 10-Inch Pipe And Additional Sections Of 12-Inch Pipe And 18-Inch Pipe. this Project Will Also Construct A Pump Station, And Screening Facility. it Will Also Eliminate Infiltration And Inflow From The System. this Project Has Received \$1,200,000 In Tobacco Development Funds.
City of Bloomfield	City Of Bloomfield Interceptor Replacement Project (priority 3 Project)	SX21179005	Bloomfield Has Completed A Regional Wastewater Facilities Plan That Identified The Need To Replace A Section Of Intercepting Sewer Just Prior To Their Wwtp To Provide Capacity For Current Flow And Growth. This Project Will Replace A Section Of 8-Inch Pipe With 10-Inch Pipe And Another Section Of 12-Inch Pipe With 18-Inch Pipe. These Improvements Will Have A Place In Either The Future Wwtp Or The Pump Station To Bardstown.
City of Bloomfield	City Of Bloomfield Sewer Rehabilitation Project (priority 1 Project)	SX21179007	Rehabilitation Of Defects In The Bloomfield Collection System To Eliminate Infiltration And Inflow From The System. bloomfield Has Already Smoke Tested And Flow Metered Their System. past Efforts Have Allowed For A Focus On The Areas With Most Significant Defects. this Study Will Include Televising, Design, Bidding And Rehabilitation Work. peak Factors Were Measured As High As 16 During Flow Metering. typical Peak Factors For Collection Systems Free Of Defects Are Between 3 And 5.
City of Bloomfield	Bloomfield Pump Station And Forcemain To Bardstown	SX21179008	This Proposed Transport System Includes The Construction Of A New Pump Station Located At The Site Of The Existing Bloomfield Wwtp. the Pump Station Would Be Designed To Pump 1,000gpm Of Wastewater From The Bloomfield Collection System. the Pump Station Would Utilize A 12-Inch Force Main Form Bloomfield To Bardstown Along Ky Hwy 62. it Would Connect With The Bardstown Collection System At The Existing Town Creek Interceptor. the Project Will Also Include Construction Of A Force Main To The Regional Pump Station. this Project Would Allow For The Removal Of The Existing Bloomfield Wwtp From Active Service And Allow It To Be Used For Wet Weather Storage. the Bloomfield Wwtp Is Not Equipped To Handle Existing And Future Flows, And Would Otherwise Require An Upgrade. the Estimated Project Cost Is \$3,744,000.
City of New Haven	New Haven Pump Station And Force Main	SX21179009	This Proposed Transport System Includes The Construction Of A New Pump Station At The Site Of The Existing New Haven Wwtp. the Pump Station Would Be Designed To Pump 900gpm Of Wastewater From The New Haven Collection System. the Pump Station Would Utilize A 10-Inch Force Main From New Haven To Bardstown Along Us Hwy 31e And Quarry Road. it Would Connect To The Headworks Of The Lower Beech Fork Wwtp. the Estimated Cost For This Project Is \$1,945,600.

	Project Title	WRIS	Description
City of New Haven Legal Applicant	City Of New Haven - Sewer System Upgrades	SX21179011	Install Influent Flow Measuring Transducers & Chart Recorders On Pump Station #1 And Pump Station #2 And Install Approximately 2600 Lf Of 8 Inch Gravity Outfall Line To Extend From The Existing Point Of Discharge In Davis Run To A New Point Of Discharge In The Rolling Fork River.
City of New Haven	New Haven - Wwtp Improvements Projects	SX21179013	The Wwtp Has Issues With "short Circuiting" E.g. Wastewater Moves Through The Lagoons Too Fast, And Insufficient Aeration. this Project Will Add Baffles To Slow Down And Lengthen Time Wastewater Remains In The Lagoons And Will Add More Air To The Treatment Process. this Project Will Greatly Enhance The Treatment And Discharge From The Wwtp. this Project Will Also Improve The Effluent And Stream Quality.
City of Bardstown	Bardstown Cox	SX21179014	This Proposed Transport System Includes The Construction Of A New Pump Station Located At The Site Of The Existing Cox'S Creek Elementary School Package Treatment Plant. the Pump Station Would Be Designed To Pump 180 Gpm Of Wastewater From The School As Well As The Cox'S Creek Collection System. the Pump Station Would Utilize A 6-Inch Force Main Alon Hwy 31e To The Bradstown Collection System.
City of New Haven	New Haven Sewer System I & I Rehab Project	SX21179015	Rehabilitate The Existing Sanitary Sewer System Based On The Findings In The Flow Monitoring And I & I Study. in Rain Events, Even Minor Rains, The Sewer System Experiences Severs Problems And I & I Which Causes Overflows In The Streets And Creek. the Flows At The Wwtp Will Double Causing Severe Treatment Issues. This Project Will Address Those Problems. the Estimated Cost Is \$3,144,000
City of Bardstown	City Of Bardstown-Town Creek Interceptor	SX21179016	Wastewater Collection System For Approximately One Third Of The Entire System Plus A Trunk Line For The Wastewater Flow From Bloomfield Ky. the Total Estimated Project Cost Is \$2,000,000.
City of New Haven	City Of New Haven I And I Sewer Rehab. Phase II	SX21179017	Treatment Of Sanitary Waste Water.
Nelson County Fiscal Court	Nelson County Industrial Park Wastewater Project	SX21179018	The Project Will Extend Wastewater Lines Within The Nelson County Industrial Park. the Proposed Gravity Sewer Collection Line Will Provide Wastewater Service Within The Industrial Park And A New Industrial Customer.
City of Carlisle Wastewater Treatment Plant	Wastewater System Improvements, City Of Carlisle, Kentucky	SX21181001	Sanitary Sewer Evaluation Survey, Collection System Rehabilitation And Wastewater Treatment Plant Upgrade
City of Carlisle	Carlisle Regional Wastewater Improvement Program	SX21181002	Regional Wastewater Improvement Program For Carlisle And Nicholas County, Which May Include, But Not Be Limited To, The Following: Ill Reduction Measures For The Carlisle Collection System, Wwtp Improvements For Compliance With Correct Regulation, Construction Of A Wastewater Collection System For Nicholas County Sanitation District No. 2, Collection Of A Transmission System To Transport Flow To Carlisle For Treatment, Retirement Of The Existing 4-H Camp Package Wwtp Located Within Sd#2, Retirement Of The Existing Jockey International Wwtp, Wwtp Improvements For Carlisle To Accept Wastewater From Bother Sd#2 And Jockey.
Nicholas County Sanitation District No.2	Nicholas Sanitation District Lake Carnico Area Sanitary System Project	SX21181003	Description: this Project Will Provide Sewage Collection, Treatment, And Sub-Surface Disposal For Over 100 residents and One Commercial Property In The Drainage Basin Of Lake Carnico (two Public Recreational Lakes). the New System Will Replace Various Individual Wastewater Treatment Septic Systems And Storage Tanks, Many Of Which Are Currently Failing.
City of Carlisle	City Of Carlisle, Nicholas County Wastewater Facility Plan/carlisle Sanitary Sewer Evaluation Survey	SX21181004	Conduct A Comprehensive Wastewater Facility Plan For Nicholas County In Accordance With 401 Kar 5:006. in Conjunction With The Wastewater Facility Plan, Conduct A Sanitary Sewer Evaluation Survey Of The Carlisle Wastewater Collection System

	Project Title	WRIS	Description
Ohio County Fiscal Court	North 231 Sewer Extension Project	SX21183002	This Project We Serve Approximately 65 Households And Businesses By Extending Sewer Service Along Hwy 231 North.
City of Beaver Dam Legal Applicant	Beaver Dam Wastewater Collection System Rehabilitation	SX21183003	T City Of Beaver Dam Currently Has Considerable Inflow And Infiltration In The Wastewater Collection System. with Regionalization Of Ohio County And Recent Capacity Related Problems At The Existing Wwtp, The City Of Beaver Dam Will Perform Rehabilitation On Approximately 25,000 Lf Of Sanitary Sewer To Reduce Consideration Inflow And Infiltration Into The Wastewater Collection System. in Addition, A Federal Agreed Order Is Presently In Effect For The City. the Reduction Of Flows Will Greatly Assist In Compliance With The Federal Agreed Order. a Second Phase Of This Project Is In The Engineering Design Phase And The City Is Seeking Funding. in Order To Fortify The System For The Future, The City Must Prioritize System Areas For Additional Sewer Rehabilitation Work. the Sewer Rehabilitation Will Include: replacement Of 3,000 Linear Feet Of 10-Inch Pvc Gravity Sewer; Rehabilitation Of 4,100 Linear Feet Of Sewer Line Using Cipp; Inspection Of Manholes And Tv Nspction Of 4,800 Linear Feet Of Sewer Line; And Point Repairs Where Necessary.
City of Hartford	Hartford Wastewater Improvements	SX21183006	Tartford Sewer Rehabilitation Project Will Consist Of The Lining Of 25,000 Linear Feet Of 8-Inch Gravity Sewer; The Replacement Of 4,000 Feet Of Gravity Sewer Including The Replacement Of All Sewers In The Iron Mountain Area; And The Replacement Of 50 Sewer Manholes. In Addition To The Sewers, Three (3) Wastewater Pump Stations Will Be Replaced. These Include The Two At Iron Mountain And The Larger Station At Bob's Iga. As Part Of The Rehabilitation, About 1,500 Linear Feet Of Sewer Service Lines Will Be Replaced From The Sewer Mains To The Property / Easement Line And A Clean-Out Will Be Installed. The Project Is Estimated To Cost About 3.5 Million Dollars. the Current Lines Were Constructed In The 1930s As Part Of The Wpa. the City Serves Approximately 920 Residential And Commercial Customers And Has An Outstanding Agreed Order From 2005. some Of The Problems That The City Faces Due To Its Decaying Collection Lines: <ul style="list-style-type: none"> • dilapidated Pump Stations • severe Ill Issues • overflows At Manholes (raw Sewage Seeping Out) • sewage In Residents Yards And Homes (rare But Occurs) • unaffordable Rates For Lmi Households (ill Issues Cause City To Pay Enormous Fees To Regional Wastewater District And In Turn Residents Bills Have Skyrocketed.) For Example, 2008 Was The Worst Year On Record For Sewage Overflow. from December Through April, Sewage Had To Be Pumped Out Of Ditches Every Day (please See Attached Photographs). additionally, Barnes Street Residents Have Had To Walk Through The Sewage To Get To Their Homes. the Average Monthly Combined Rate For Water And Sewer Totals Approximately \$59.38 For 4,000 Gallons. this Also Includes An \$11.72 (\$2.93 Per 1,000 Gallons) Surcharge To The Ohio County Regional Wastewater Facility. the City Last Raised Its Water And Sewer Rates On December 14, 2007. the Increase Was 3.3% Effective January 1, 2008. lmi Surveys Total 54.5%. matching Funds Include Two Line Items (hb410 And Hb608), A Usda Loan Totaling \$1.2 Million And A \$740,000 Grant From Usda.
City of Centertown	Centertown Sewer Clean Out Machine Purchase Project	SX21183007	This Project Proposes The Purchase Of A Sewer Clean Out Machine For The City Of Centertown'S New Gravity Sewer System. at This Time, The System Does Not Have An Efficient Means Of Dealing With Sewage Back Up Problems Or Manhole Maintenance.

	Project Title	WRIS	Description
Ohio County Fiscal Court Legal Applicant	Hwy 69 Sewer Line	SX21183008	This Project Proposes The Extension Of Approximately 7,920 Linear Feet Of Sewer Line Along Hwy 69 To The Ohio County Park. as A Result, Nearly 25 Septic Tanks Will Be Eliminated, And About 40 Customers Will Experience Improved Services. this Project Will Not Be Pursued Until The Ohio County Regional Wastewater District Project Has Been Completed.
Ohio Co. Fiscal Court	Hwy 231 South / Southern Elementary Sewer Extension	SX21183010	This Project Will Provide Sanitary Sewer Service To Southern Elementary School, Located At 3836 Us Highway 231 South, Beaver Dam, Kentucky 42320. the Project Would Allow The School To Discharge Its Current Sewage To A Newly Designed Lift Station And Be Discharged To A Municipal Sewer System, Owned And Operated By The City Of Beaver Dam, Kentucky. thus It Would Eliminate The Current Aging, On-Site Sewer Package Plant, That Discharges To A Nearby Unnamed Tributary Adjacent To The School's Playground Area. this Current System Is Owned, Operated, And Maintained By The Ohio County School System. the School Has Approximately 275 Students / Staff Combined. The Project Will Require The Construction Of 16,000 Linear Feet Of Sewer Line From The Lift Station At Bluegrass Crossings Industrial Park To A Newly Constructed Lift Station At Southern Elementary.
Ohio County Regional Wastewater District	Ohio County Treatment Plant Closures	SX21183011	With The Completion Of The Ohio County Regional Wastewater District Project, The Cities Of Beaver Dam, Centertown, And Hartford Must Close Their Treatment Plants. the Estimated Cost For Closing All Three Plants Is \$600,000.
City of Beaver Dam	Veller Drive Sewer Line Replacement	SX21183012	This Project Proposes To Replace 2,500 Linear Feet Of 8 Inch Sewer Line On Veller Drive With A 12 Inch Line. this Residential Area Experiences Overflows During Every Rain Event, Which Creates Serious Environmental And Health Concerns For The Area. the Proposed Project Is Designed To Mitigate This Issue. the Estimated Project Cost Is \$321,120.
LAGRANGE UTILITIES COMMISSION	Crystal Lake Gravity System	SX21185002	This Project Is The Construction Of A Gravity Sewer System In The Crystal Lake Area. this Project Will Allow For 250 New Connections To The City'S Sewer System.
LAGRANGE UTILITIES COMMISSION	North Lift Station Upgrade	SX21185004	This Project Is The Needed Improvements To The North Lift Station. this Project Will Improve Service To 1000 Underserved Households.
LAGRANGE UTILITIES COMMISSION	Madison Lift Station Upgrade	SX21185005	This Project Is For Needed Improvements At The Madison Lift Station. this Project Will Improve Service To 450 Underserved Households.
LAGRANGE UTILITIES COMMISSION	Sewer Plant Upgrade	SX21185006	This Project Is For Needed Improvements At The Existing Sewer Plant. this Project Will Improve Service To 2000 Underserved Households.
LAGRANGE UTILITIES COMMISSION	Ft. Pickens/quail Run Extension	SX21185008	This Project Will Extend Service To 96 Unserved Homes.
LAGRANGE UTILITIES COMMISSION	Zale Smith Extensions	SX21185009	This Project Will Extend Service To 58 Unserved Homes In The Zale Smith, Woodridge Estates, And Maple Grove Areas.
LAGRANGE UTILITIES COMMISSION	III Line Replacement	SX21185010	The Replacement Of This III Line Will Improve Service To 500 Underserved Homes.
LAGRANGE UTILITIES COMMISSION	Interstate Line Upgrade	SX21185011	This Extension And Upgrades To The Pump Station Will Improve Service To 1500 Underserved Homes.
LAGRANGE UTILITIES COMMISSION	Dawkins Road Extension	SX21185012	This Extension Project Will Improve Service To 280 Underserved Homes In The Dawkins Road Area.
Oldham County Sewer District	Buckner Regional Treatment System - Phase I	SX21185016	Heather Hill And Mockingbird Valley Pump Stations And Force Mains. these Projects Will Eliminate Heather Hill And Mockingbird Valley Wastewater Treatment Plants. provide Sanitary Sewer Collection System In Kamer Place Subdivision Consisting Of Approximately 8100 Feet Of Sewer, Two Pump Stations, And Approximately 1500 Feet Of Force Main.

	Project Title	WRIS	Description
Oldham County Sewer District Legal Applicant	Buckner Regional Treatment System - Phase II	SX21185017	This Project Will Expand Buckner Wastewater Treatment Plant And Eliminate Country Village Treatment Plant. Install South Currys Fork Interceptor Sewer -segment 1. Currys Fork Pump Station And Force Main. Provide Sanitary Sewer Collection System In Grand Villa Subdivision.
Oldham County Sanitation District	Regional Wwtp At Kentucky State Reformatory - Phase II	SX21185017	This Project Will Eliminate The Buckner Wastewater Treatment Plant, The Ky 393 Pump Station, Install Collector Sewers In The Buckner Area, Elimate Country Village Treatment Plant, And Plants At Heather Hill And Mockingbird Valley. install South Currys Fork Interceptor Sewer - Segment 1. currys Fork Pump Station And Force Main.
Oldham County Sanitation District	Regional Wwtp At Kentucky State Reformatory- phase III	SX21185018	This Project Will Construct Interceptor Sewers & Pump Stations In The North Curry, And Darby Creek Areas. this Project Will Also Install Collector Sewers In The Borowick Farms, Grand Villa, Echo Valley, Centerfield Heights, Thistleton, Kamer Place, And Darby Pointe Areas. This Project Will Eliminate 763 Septic Systems.
Oldham County Sewer District	Ohio River Sub-Regional Plant - Phase I	SX21185019	Provide Sanitary Collection To The Goshen Area In Oldham County. Phase I Construction For The Prospect/goshen Area Ia A Publicly Owned Subregional Wastewater Treatment Facility. the Proposed Facility Is Planned For Construction In The Viciinty Of The Existing Cardinal Harbour Sewage Treatment Plant With Treated Effluent Discharged To The Ohio River. the Subregional Plant Has A 20-Year Design Capacity Of 1.5mgd. other Components Of Phase I Planning Include A Pump Station And Forcemain To Eliminate The Trails End Sewage Treatment Plant With Demolition Of That Facility. a Pump Station And Force Main To Eliminate The Cardinal Harbour Sewate Treatment Plant.
Oldham County Sewer District	Ohio River Sub-Regional Plant - Phase II	SX21185020	Phase II Plan Recommendations For The Prospect/goshen Area Include Interceptor Sewers To Eliminate The Paramount Estates Sewage Treatment Plant. interceptor Sewers To Eliminate Existing Sewage Pump Stations At Hillcrest, Hayfield Way, And Hunter'S Ridge Are Constructed In This Phase Including Required Force Mains.
Oldham County Sewer District	Ohio River Sub-Regional Plant - Phase III	SX21185021	Project Will Provide Sanitary Collection To Belknap Beach, Oldham Acres, And Harmony Village In The Goshen Area. Phase III Project Includes Regional Wastewater Facilities To Serve The Remainder Of The Pond Creek And Little Huckleberry Creek Drainage Basins. sewers, Pump Stations And Force Mains Are Planned For Little Huckleberry Creek And Belknap Beach Areas. phase III Plan Recommendations Include Extension Of The Pond Creek Interceptor To Ky 1793.
Oldham County Sanitation District	Buckner Area Collector Sewers	SX21185022	Provide Sanitary Collection Sewer System To The Buckner Area In Oldham County. this Project Will Eliminate Environmental Problems Caused By Failing Septic Tanks. project Consists Of Approximately 17,000 Feet Of Sanitary Sewr System, Three Wastewater Pump Stations And Approximately 4600 Feet Of Force Main. public Sewers Will Extend To 124 Residential And Commercial Properties In Buckner Area.
Oldham County Sewer District	Crestwood/pewee Valley Wastewater Phase I	SX21185023	Willow Creek Wastewater Treatment Plant Acquisition - \$150,000 ash Avenue Wastewater Treatment Plant Acquisition - \$615,000 Orchard Grass Wastewater Treatment Plant Acquisition - \$575,000 Friendship Manor Wastewater Treatment Plant Acquisiton - \$50,000 this Project Will Eliminate Environmental Problems Caused By Private Existing Package Wastewater Treatment Plants In The Area.
Oldham County Sewer District	Crestwood/pewee Valley Wastewater Phase II	SX21185024	Sewers To Eliminate Orchard Grass And Willow Creek Wastewater Treatment Plants. This Project Will Provide Sewer Sanitary System Collection To The Pewee Valley Area In Oldham County.

	Project Title	WRIS	Description
Oldham County Sewer District Legal Applicant	Crestwood/pewee Valley Wastewater Phase III	SX21185025	Lake Louisville Interceptor Sewer - \$2,030,683 Sewer - \$3,046,024 Elimination - \$1,101,020 Elimination - \$597,993
Oldham County Fiscal Court	Oldham County Sewer Infrastructure Improvements	SX21185026	Oldham County Sewer District Has Committed To A Regional Wastewater Treatment Plant At The Kentucky State Reformatory. This Project Will Help Take Package Treatment Plants Offline And Make Other Infrastructure Readiness Improvements.
Oldham County Fiscal Court	Highway 362 Project For Stormwater Study	SX21185027	Perform A Hydrologic And Hydraulic Study On A Tributary Of Floyds Fork To Identify Flooding Issues Along Highway 362 Corridor From The Shelby County Line To Missionary Ridge Drive For The Benefit Of Ashbrooke Subdivision And Village Green Subdivision. The Study Would Propose Recommendations For Increasing Storm Water Conveyance For Existing Culverts, Streams, And Storm Sewers In The Area. The Project Will Reduce Infiltration Into Ash Avenue Treatment Plant Owned By Oldham County Sewer District.
Oldham County Sewer District	Green Valley Wwtp Elimination & Lagrange Connection	SX21185028	This Project Involves Taking The Green Valley Wwtp Off Line And Constructing A Pump Station And Force Main To Transport The Wastewater To The Lagrange Utilities Commission's System For Treatment. Oldham County Sewer District Will Execute A Treatment Contract With Lagrange And Retain The Individual Customers Currently Served By The Green Valley Treatment Plant. The Green Valley Wwtp Has Had Treatment Violations Resulting In Overflows To A Public Water Way.
Oldham County Sewer District	Inflow/infiltration Corrections And Lift Station Replacement	SX21185029	The Project Will Include The Closed Circuit Televising (cctv) Of The District's Collection System, Line Cleaning, And Where Indicated By The Cctv, Line Will Be Replaced Or Slip Lined. The Goal Of The Project Is To Reduce The Amount Of Inflow And Infiltration Into The Collection System That Is Adversely Affecting Its Wastewater Treatment Plants. A Separate Component Of This Project Will Be The Replacement Of The Route 1793 Pump Station. This Station Was Poorly Constructed And Is Extremely Old. It Is Inadequate Capacity Wise.
Owen County Fiscal Court	Carrollton Utilities - Eagle Creek Owen County Wastewater Project	SX21187100	This Project Will Provide Sewer Service To 264 Previously Unserved Homes In The Eagle Creek Resort (194 Homes) And Eagle Creek Campground (70 Homes) In Owen County Near Worthville. The Sewage Collected By These Lines Will Be Treated By The Carrollton Regional Wastewater Treatment Plant.
Owen County Fiscal Court	Carrollton Utilities - Obie Cook Road Sanitary Sewer Project	SX21187101	Project Will Provide Sanitary Sewers To 12 Existing Homes On Small Lot Septic Systems And Potentially Serve An Additional 10 Vacant Lots. Flow Will Be Treated At The Carrollton Regional Wwtp.
Booneville Water and Sewer	Booneville Sanitary Sewer Extension	SX21189001	Corrective Actions To Reduce ILL And Extension Of Sewer Service To Hwy 30 To Lerose, Sugar Camp, Applegate Subdivision. Increase Line Size On Hwy 11 At Industrial Park. Also Includes A Portion Of Hwy 1938 And Booneville Heights To Serve About 315 Customers. SX21189602 Has Been Incorporated Into This Project As Well. It Will Provide Service To As Many As 35 Additional Customers.
Booneville Water and Sewer	Booneville - Highway 11 Sewer Extensions	SX21189003	Sewer Line Extensions Along Hwy 11 North Of Booneville. Project Would Improve Service To 120 Households. Also Includes Old Highway 11.
City of Booneville	Booneville Sewer Line Improvements III Reduction	SX21189427	Project Will Reduce Inflow And Infiltration Throughout Various Parts Of The System.
City of Booneville	Booneville - Chestnut Gap Sewer Extension	SX21189430	Sewer Extensions To The Chestnut Gap Area.
City of Booneville	Booneville Hwy 1411 Sewer Extension	SX21189600	1.26 Miles Of Gravity Sewer Lines To Serve 18 Residents Along Hwy 1411.
City of Booneville	Booneville Sag Hollow Sewer Extension	SX21189601	1.69 Miles Of Gravity Sewer To Serve Golf Course And Future Subdivision. (48 Lots In Phase I)

	Project Title	WRIS	Description
City of Falmouth Legal Applicant	Wastewater System Improvements - City Of Falmouth	SX21191100	Construct A New 1.5 Mgd Wastewater Treatment Plant Using The Aerated Facultative Lagoon Process, Construct Two New Pump Stations And Upgrade Existing Pump Stations. the Plant Will Allow The Creation Of A Regional Sewer System To Serve The South-Central Region Of The County.
City of Falmouth	Falmouth - Oak Haven Sewer Extension	SX21191102	Project To Extend Sanitary Sewer Lines To Serve Oak Haven Subdivision And Take 1 Package Treatment Plant Offline.
City of Falmouth	Falmouth - Pendleton County High School Sewer Extension	SX21191103	Project To Extend Sanitary Sewer Lines To Serve Pendleton County High School And Take 2 Package Treatment Plants Offline.
City of Butler	Butler Sewer Collection System Rehabilitation Project	SX21191310	The City Of Butler'S Collection Sewer System Is In Excess Of 70 Years Old. Many Of The Collector Line Are Made Of Clay, Are Undersized To Carry Current Loads And Are In A State Of Disrepair.often The City Experiences Significant I And I Due To Leaks Into The Sytem From Ground Water As Well As From None Functioning Manholes. During Normal Operations, The Treatment System Poperates At 40 Percent Of Capacity, Yet At Times Of Heavy Rain The Treatment System Becomes Overloaded.the City'S First Priority Is To Correct The Existing City Collection Sytem Deficiencies So As To Prolong The Useful Life Of The Treatment Plant.
Pendleton County Fiscal Court	Northern Pendleton County Regional Wastewater Treatment Plant	SX21191311	Construction Of A New Wastewater Treatment Plant In The City Of Butler To Serve The City And The Growing Area Of Northern Pendleton County. this Project Will Be Phase III Of Butler Sewer System Rehab.
Pendleton County Fiscal Court	Kincaid State Park Lodge Sewer Main Construction Project	SX21191312	Construct A 8" Sewer Line From Kincaid State Park Along Ky 159 To Falmouth Ky. Line To Connect To City'S Main Pump Station At Ky 22 And 2nd Street. Sewage To Be Treated At City'S New Regional .5 Mgd Waste Water Treatment Treatment Facility. Construction Is 24,100 Lf. Construction To Include One Pump Station. Project Purpose Is To Connect Kincaid State Park And Lodge To Sanitary Sewer Service In Falmouth, Thus, Discontinuing Service Of State Park Package Plant.
City of Butler	Butler Sewer Collection System Rehab - Phase II	SX21191320	Phase II Includes The Extension Of 7,200 Feet Of Gravity And 3,500 Feet Of Forceman Sewer Lines And 1 Pump Station Along Ky 177 From Butler To The Intersection Of Us 27. The Expansion Will Serve 46 New Residences And In Eastside Park, Several Businesses, And An Elementary School. many Of These Residents Currently Have Failing Septic Systems. the Project Will Connect This Area To The System Treated By The Butler Wastewater Treatment Plant. all Forceman And Gravity Lines Will By Placed Either In The Ky 177 Right-Of-Way Or On Previously Disturbed Ground Adjacent To Ky 177. this Project Will Also Extend Sewer Lines Down Lock Road And Approximately 0.25 Miles Of Ky-3162.
City of Butler	Butler Sewer Collection System Rehab - Phase III	SX21191321	Phase III Includes The Addition Of Approximately 23 New Customers To The System. this Phase Consists Of Approximately 2,400 Feet Of 10" Gravity Sewer And 4,500 Feet Of 8" Gravity Sewer.
City of Vicco	Vicco Wastewater Treatment Plant	SX21193001	Replace Deterioating Wwtp With New Plant Capable Of Accepting Additional Flow In An Effort To Regionalize Wastewater Treatment. Project Also Includes Improvements To Existing Ill Problems. New Modified Plan Will Include Servicing Customers To The Rw Combs School, Which Will Provide New Service For An Estimated 400-500 Customers, The School And Improve Services For 180 Existing Customers.
City of Hazard	Bulan/hiner Sewer Extensions	SX21193002	Project Would Provide Sewer Service To About 675 Hoseholds In The Hardburley And Bulan Communities Northeast Of The City Of Hazard.

	Project Title	WRIS	Description
City of Hazard Legal Applicant	Hazard - Sewer System Improvements For Miss Edna Lane	SX21193014	The City Of Hazard Is Requesting Funding For A New Gravity Sewer System To Be Located At Miss Edna Lane And Arh Parkway. this Property Is Currently Home To One Business, New Beginnings Child Development Center, And Is The Future Site Of Hospice Of The Bluegrass – Mountain Community. Currently, The City Has One Lift Station For One Facility, New Beginnings. this Is Sufficient For This Facility; However, In Order To Provide For The Future Hospice Site, As Well As Recruit Other Businesses, We Need To Plan Ahead And Provide A Gravity Sewer System. the New Sewer System Will Serve Both New Beginnings And The Future Hospice Site, Which Is Already Underway. the Lift Station Will Have The Capacity For 300 Gpm@ 230' Tdh. in Addition, It Will Tie To The Existing Lift Station Located At New Beginnings In Order To Maximize Our Resources. h.a. Spaulding Engineers, Inc. Has Completed A Preliminary Design And Cost Estimate On The City's Behalf. at This Time, The Property At The Cove Is Currently Shared By Hazard Perry County Community Ministries (hpccm) New Beginnings, Hospice Of The Bluegrass – Mountain Community (hob-Mc), And Appalachian Regional Healthcare (arh). providing Funding For A Gravity Sewer System Will Also Help The City Secure Additional Businesses In The Future.
Perry County Sanitation District #1	Pcsd - Chavies Wastewater Treatment Plant	SX21193100	The District Proposes To Construct Wastewater Treatment Plant Near Chavies, Ky, The Plant Would Ultimately Serve 1160 Households North Of The City Of Hazard Along The Hw 15 Corridor And West On Hw 28 To Chavies, Ky. The Project Would Be Completed In 3 Phases. The Initial Phase Would Provide A 150,000 Gpd Plant, With 150,000 Gpd Capacity Added In Each Of The Next To Phases. Three Steel Package Plants, As Well As Numerous Straight Pipes And Failed Septic Would Be Eliminated.
Perry County Sanitation District #1	Pcsd - Wastewater Pump Station Rehabilitation	SX21193101	The District Proposes To Rehabilitate Six (6) Sewage Pumping Stations, And Install Telemetry In These Six Plus An Additional Five (5) Pump Stations. The Pump Stations Are In A Serious Stage Of Dilapidation And Frequently Fail Causing Untreated Sewage Bypasses.
CITY OF VICCO	Vicco-Sewer Collection/conveyqance Improvement Project	SX21193105	The City Of Vicco, Through The Regional Facilities Plan (rfp) Preparation Process, Has Identified Sewer System Weaknesses And Delineated Specific Improvements To Be Undertaken To Meet The Kentucky Division Of Water Collection And Treatment Guidelines. significant Problems Exist With The Treatment Plant Which Is Currently Under An Agreed Order Requiring A New Treatment Process. in Addition, The City Has Identified 55 Unsewered Customers Within The City'S Service Area And Portions Of The Collection System That Are Subject To Infiltration. it Is The Purpose Of This Project To Tie-On The 55 Customers Currently Not Served By The City'S Sewage System And Undertake Repairs/replacement Of Specific Sections Of The Sewage Collection System As Identified In The Rfp.
City of Hazard	Hazard - Bulan Hardburley Sewer Extension Phase II	SX21193145	Phase II Will Make Sewer Service Available To Approximately 400 Housholds. Project Is Designed And Ready To Go.
City of Hazard	Hazard - Rw Combs Elementary School Sewer Line Extension	SX21193275	Sewer Line Extensions Along Hwy 15 Near Vicco To Serve About 300 Customers And Rw Combs Elementary.
CITY OF ELKHORN CITY	Elkhorn City Water Department Wastewater Extensions To Beaver Bottom	SX21195001	The Project Would Install Collection Lines To An Area Presently Not Served By Public Sewer. There Are Approximately 32 Homes Located On Small Lots With Poorly Perking Soil. It Can Be Estimated 20-25 Home Have Failing On-Site Systems. the Failing Systems Lead To River Pollution Which Is Utilized For Recreation, Economy, And Tourism.

	Project Title	WRIS	Description
CITY OF ELKHORN CITY Legal Applicant	Elkhorn City - Ky 1373	SX21195002	The Project Would Provide Service To 97 Potential Customers Along 1373 Toward Mikegrady. the Project May In The Path Of The New 460 Road Project And May Have To Work Closer With It. the Project Would Provide Service To Areas Of Dense Residential Portions Of The County.
MOUNTAIN WATER DISTRICT	Mountain Water District Lower Shelby Sewer Project	SX21195010	Construction Of This Project Would Utilize A Wwtp That Currently Is Not Being Used To Capacity. Recently Completed Us23 Runs Through A Large Part Of The Proposed Area Therefore Creating High Visibility, Good Accessibility And Potential Sites For Business And Industry. In Addition To That Fact, 432 Homes Would Directly Benefit Straight Pipes. This Is A Large Project But When Complete, Will Have A Significantly Positive Impact On The Environment.
CITY OF ELKHORN CITY	Elkhorn City Upper Branch Sewer Project	SX21195020	Project Will Provide Sewer Service To Upper Branch An Area Of Ky 80, Just South Of Elkhorn City. Project Serve 20 Households. Project Will Consist Of 5300 Lf Of 4 And 8 Inch Collection Line.
CITY OF PIKEVILLE	Pikeville Island Creek Wastewater Extension	SX21195101	The Project Would Install A Collection Line System Beyond The City Limits Of Pikeville To An Area In Desperate Need. the Outer Reaches Of The Project Would Sewer 44 Unit Mobile Home Park Currently Being Served By A Non-Functioning Ptp. overall, The Project Will Directly Impact 285 Homes And 2 Large Businesses. approximately 50 Or More Of These Households Are Being Served By Failing Systems. Project Will Consist In Construction Of Approximately 36,864 Lf Of Combination Gravity And Force Mains And Appurtenances.
CITY OF PIKEVILLE	Pikeville Yorkwood Forest, And Foxcraft Subdivision Sewerline Extension South Along Us 23	SX21195102	The Project Will Consist Of Extending Sewerline Service To South Mayo Trail Along Us 23, Yorkwood Forest, And Foxcraft Subdivision. the Total Project will Provide Service To 65 Households And Serveral Businesses. The Project Will Begin To Open The Land In The Area For Residential Growth.
PIKEVILLE WATER DEPARTMENT	Pikeville Sunset Lane And Town Mountain Road,line Extensions	SX21195103	The Project Consist Of Two Small Line Extensions Of Town Mountain Road In Pikeville. the First Of The Extensions Would Provide Sewer To Sunset Lane. This Project Would Serve Six Households. The Area Is Rocky And Most Of The Homes Are Located On The Mountainside. The Next Line Extension Would Extend From The Existing System On Town Mountain Road. The Project Would Serve 4 Households And Would Allow Opportunity For More Growth In The Area.
CITY OF PIKEVILLE	Pikeville Cedar Creek Sewer Extension	SX21195105	The Project Provide Service To The Cedar Creek Subdivision And Nightingaile Lane. the Project Will Provide To Service To 22 Potential Customers. The Area Is Located West Of The City Of Pikeville. the Project Will Cost \$300,000.
CITY OF PIKEVILLE	Pikeville Wastewater Plant 2005 Upgrade	SX21195106	The Project Will Upgrade Influent Handling Facilities At The Treatment Plant. The Project Will Include Removal Of All Existing Major Headworks Components And The Acquisition And Installation Of An Integrated System For Influent Grinding, Screening, Dewatering And Solids Removal. Project Will Also Include Upgrading Of Defusers,installation Of Pinch Valves, Installation Of Controls And Telemetry And Aquisition And Installation Of A Septic Wastewater Receiving Station.
PIKEVILLE WATER DEPARTMENT	Pikeville #7 Lift Station Replacement	SX21195107	Replace #7 Lift Station
CITY OF PIKEVILLE	Ratiiff	SX21195108	Construction Of Sewer Collection Line To Serve 9 Commercial And 22 Residential Properties Project Completion Positions City To Extend Infrastructure To Us 119 And Additional Economic Development
CITY OF PIKEVILLE	Pikeville - Mossy Bottom Collection System Rehab	SX21195115	Project Includes Line Replacement In Designated Areas, Rehab Of Lift Stations, Development Of Grease Removal Facilities And Installation Of Telemetry Throughout System Acquired By The City From Mountain Water District.

	Project Title	WRIS	Description
CITY OF PIKEVILLE Legal Applicant	Pikeville Wwtp Emergency Electrical Generator	SX21195116	Project Involves Acquisition And Installation Of Generator To Provide Sufficient Electrical Power To Operate All Facilities At The Wwtp During Temporary Electrical Outages.
CITY OF PIKEVILLE	Pikeville Utility Inspection Camera	SX21195117	Project Involves Acquisition Of Camera And Related Equipment For Inspection Of All Sizes Of Wastewater Lines And Combination Sanitary And Storm Drains To Accurately Determine Location And Nature Of Line Blockages And The Points Of Intersecting Lines For Purposes Of Correction By Separation, Respectively.
CITY OF PIKEVILLE	Pikeville Vac-Jetter Truck	SX21195118	Project Involves The Acquisition Of A Self Contained Service Truck Equipped With A Combination Vacuum With Tank And Hose As Well As A High Pressure Water Spray Unit, Used Separately Or In Combination To Clean Drop Boxes, Manholes, Pump Stations And Lines.
CITY OF PIKEVILLE	Pikeville Tollage Creek Sewer Line Extension	SX21195119	Project Will Construct Approximately 3000 Lf Of 8" Gravity Sewer Line From Us 23 Up Into Tollage Creek, Serving Approximately 8 Existing Businesses And Additional Acreage Suitable For Development.
City of Pikeville	Pikeville Sewer Telemetry Project	SX21195120	Project Will Include Acquisition And Installation Of A Base Station And Server For Tracking And Logging Multiple Fields Of Data From Remote Monitoring Points Such As All Wastewater Pumping Stations, Security Facilities, Discharge Points And Others And Allow For Notification To Designated Personnel When Established Parameters Are Exceeded At Any Location.
CITY OF PIKEVILLE	Pride On The River	SX21195121	Project Is A Cooperative Venture Between Floyd County, Southern Water And Sewer District, Pike County And The City Of Pikeville To Extend Wastewater Collection Services To The Harold, Betsy Layne And Mare Creek Areas Of Floyd County. Waste Will Be Transported Through A Combination Of Gravity And Force Mains To Pikeville'S 2mgd Wwtp. the Completed System In Floyd County Will Be Owned By Southern Water And Sewer District And The Completed System In Pike County Will Be Owned By The City Of Pikeville Pursuant To An Interlocal Agreement.
City Of Pikeville	Pikeville-Thompson Road Sewer Collection	SX21195122	Project Includes Construction Of Approximately 7920 Liner Feet Of 12inch Force Main. To Accommodate Road Improvements.
City Of Pikeville	Pikeville-North Mayo Trial Extension Approximately Liner 9300 Feet	SX21195123	Project Will Include Extension Of Combination Of Gravity And Force Mains Along Us 23 Near Tollage, Buckley, And Ratliff Creek.
CITY OF PIKEVILLE	Pikeville - Marion Branch Sewer Project	SX21195124	The Marion Branch Sewer Project Involves The Design And Construction Of Approximately 48,000 Lf Of Force Main Sewers In The Island Creek Area Of Pike County. the Project Will Serve 256 Customers And Will Extend Sewer Service To The Proposed Marion Branch Industrial Park.
City of Pikeville	Pikeville - Thompson Sewer Project	SX21195125	Gravity Sewer Collector For Residential Neighborhood. project Involves Design And Construction Of Approximately 1440 Lf Of Gravity Sewer.
City of Pikeville	Pikeville - Telemetry For Sewer	SX21195126	Install Telemetry On Sewer Lift Stations.
City of Pikeville	Pikeville - Buckley Creek Sewer Extension	SX21195127	Install Lift Station And 4" Force Main Up Buckley Creek To Serve The New Mullins School And Pike Central High School.
MOUNTAIN WATER DISTRICT	Mwd-Henry Clay Sewer Project	SX21195601	The Henry Clay Sewer System Will Be Designed And Planned As A Sewer Collection System And Treatment System To Serve The Areas Of Henry Clay In The Marrowone Creek Area Of Pike County. This Area Is Densely Populated And May Require Some Innovative Techniques And Applications To Correct The Problem Of Insufficient Discharge And Treatment Methods Currently.

	Project Title	WRIS	Description
MOUNTAIN WATER DISTRICT Legal Applicant	Mwd-Allegheny Sewer Project	SX21195602	Construct A Sewer Collection System For Treatment At A Currently Underutilized Plant. The Area Has A High Density Of Population With Homes Built As Close As 10 Feet. some Home In The Project Area Are Using On-Site Treatment Systems, Which In Large Part Are Failing. currently An Existing 5000gpd Package Treatment Plant Is Located At The Beginning Of Then Project Service Area. The Plant Orginally Served Hellier High School But Now Only Serves The Post Office With Approximately 100gpd Flow.the Project Would Serve 33 Households With The Ability To Expand To Serve The 132 Additional Home In The Area.
MOUNTAIN WATER DISTRICT	Mwd Sewer Project-Lower Shelby To Dorton	SX21195603	The Project Consist Of Sewerline Extensions Along 23 And 119 Toward Virgie. the Project Would Hook To The Lower Shelby Sewer Project And Extend To Dorton. The Potential Customers Could Be 1200.
MOUNTAIN WATER DISTRICT	Mwd Sewer Project-Shelbiana/us460	SX21195604	The Project Would Begin At Shelbiana And Would Follow 80 And 460 Until Belcher Including The Side Hollows. The Project Would Serve 1278 New Customers. The Project Would Include Sever All Commercial Properties.
MOUNTAIN WATER DISTRICT	Mwd Sewer Project - North Us23/hurricane	SX21195605	The Project Would Consist Of Sewerline Extension From The Existing Mossy Bottom Treatment Collection Lines North Along Us 23 To The County Line. The Project Will Also Include Stone Coal And Owsley. The Project May Provide 500 Potential Customers With Service.
MOUNTAIN WATER DISTRICT	Mwd Sewer Project - Fedscreek Area	SX21195606	Th Project Will Provide Service To The Feds Creek Area Of Pike County. the Are Includes Feds Creek, Mouthcard, And Steele. The Project Will Provide 750 Customers.
MOUNTAIN WATER DISTRICT	Mwd-Roadfork Area Sewer Extension	SX21195607	The Project Is To Provide Service To The Road Fork Area Of Pike County. The Area Is Include In The South Williamson 201 Plans. The Project Will Provide A Potential 200 Customers With Sewer.
MOUNTAIN WATER DISTRICT	Mwd Sewer Project-Ky 292/ky 1056	SX21195609	The Project Consist Of Sewer Line Extension And Collection Ky 292 And Ky 1056 Areas Of Pike County. This Project Will Provide Service To An Area Plaqued With Failing Private Septic Systems And Straight Pipes. The Project Will Provide Potential 1200 Customers With Sewer Service.
MOUNTAIN WATER DISTRICT	Mwd - Phelps Sewer Project	SX21195613	The Project Consist Of A Very Big Area Located In The Southeaster Portion Of The County. The Project Area Includes The Phelps Area, Freeburn, Stopover, Majestic,and Jamboree. The Project Will Serve Potential 1526 Customers.
Mountain Water District	Mountain Water District - Pond Creek Sewer Project	SX21195620	This Project Consists Of A Sewer Line Extension For The Pond/belfry Area Of Pike County. The Project Will Provide Sewer To 480 Households And Cost Approximately \$5,647,000.
Mountain Water District	Mwd-Forest Hills Sewer Project	SX21195621	This Project Consists Of Sewer Line Extensions For The Forest Hills Section Of Pike County. The Project Will Bring Sewer Service To 132 Households And Cost Approximately \$1,170,000.
Mountain Water District	Mountain Water District - Mossy Bottom Phase V	SX21195622	This Project Consists Of Sewer Line Extensions In The Mossy Bottom Area Of Pike County. This Project Would Bring Sewer To 233 Households And Would Cost Approximately \$5,190,300. The Project Includes Lines Entensions To The County Line And Hurricane Creek.
Mountain Water District	Mwd - Cowpen Sewer Project	SX21195625	This Project Consists Of Sewer Line Extensions In The Cowpen Area Of Pike County. The Project Will Bring Sewer To 226 Households And Cost Approximately \$1,867,000.
Mountain Water District	Mountain Water District - Shelby Sewer Phase II	SX21195626	This Project Consists Of Sewer Line Extensions In The Shelby Valley/virgie/jonancy Areas Of Pike County. The Project Will Provide Sewer Service To 220 Households And Cost Approximately \$1,600,000.
Mountain Water District	Mountain Water District- hurricane Sewer Phase I	SX21195627	This Project Consists Of Sewer Line Extensions In The Hurricane Area Of Pike County. This Project Will Bring Sewer To 128 Households And Cost Approximtely \$1,400,000.

	Project Title	WRIS	Description
Mountain Water District Legal Applicant	Mountain Warer District - Hurricane Sewer Phase II	SX21195628	This Project Consists Of Sewer Line Extensions In The Hurricane Area Of Pike County. This Project Will Bring Sewer To 196 Households And Cost Approximately \$1,900,000.
Mountain Water District	Mountain Water - Phelps Phase II	SX21195629	This Project Consists Of Sewer Line Extensions In The Phelps Area Of Pike County. This Project Will Bring Sewer To 37+ Households And Cost Approximately \$696,500.00
Mountain Water District	Mountain Water District - Extension Of Phelps Sewer Project	SX21195630	This Project Consists Of Sewer Line Extensions In The Barrenshee Area Of Pike County. The Project Will Bring Sewer To 131 Households And Cost Approximately \$850,000.
MOUNTAIN WATER DISTRICT	Mwd - Belfry Wastewater Treatment Plant	SX21195631	Construction Of A New Wastewater Treatment Plant At Belfry
Mountain Water District	Forest Hills Sewer Phase Ii-Continuation Of Sx21195621	SX21195640	Forest Hills Phase II Project Continue Of Sx21195621
Mountain Water District	Mwd-Henry Clay Extension (poor Bottom) Sx21195601	SX21195641	Poor Bottom Fork - Henry Clay Extension Sx21195601 Extension Approximately 2 Miles In Length Serving Approximately 80 Households.
MOUNTIAN WATER DISTRICT	Lower Shelby Valley Sanitary Sewer Project Phase II	SX21195642	Sewer Line Extension Of Forcemain To Serve Approximately 227 New Customers Project Serves Ky Rt 610 From Intersection Of Penny Road Nw To Intersection Of Ky Rt 1459 Then Along Ky Rt 1459 For Approximately 1,000 Project Includes One Lift Station And Retirement Of Package Plant At Iga Located On Long Fork.
Mountain Water District	Mountain Water - Sx21195613 Phelps - Continuation Of Project	SX21195685	Continuation Of Sx21195613 - Phelps Sewer Project. the Project Consists Of A Very Large Area In The Southeastern Portion Of Pike County. The Project Area Includes Phelps, Freeburn, Majestic, Jamboree, And Barrenshee Communities. the Total Cost Of The Continuation Of The Project Is \$987,000.
MOUNTAIN WATER DISTRICT	Collins Lower Shelby Phase I	SX21195686	Projects Provides Wastewater Ccollection To 205 New Customers
Pike County	Mwd - Indian Creek Sewer Project	SX21195687	Project Consists Of Extending Sewer Service To Approximately 250 Homes In An Area That Currently Has Straight Pipes, Unapproved Or Failing Septic Systems
Pike County	Mwd - Long Fork Of Virgie Sewer Project	SX21195688	Project Consists Of Extending Sewer Service To Approximately 300 Homes In An Area That Currently Has Straight Pipes, Unapproved Or Failing Septic Systems.
Pike County	Mwd - Virgie Lift Station Relocation	SX21195689	Project Consists Of Relocating An Existing Lift Station To A More Suitable Location Which Will Enable The Vacated Area To Be Considered For Future Development.
Pike County	Mwd - Smith Fork Of Phelps Sewer Project	SX21195690	Project Consists Of Extending Sewer Service To Approximately 80 Homes In An Area That Currently Has Straight Pipes, Unapproved Or Failing Septic Systems.
Pike County	Mwd - Justiceville/garden Village Sewer Project Phase II	SX21195691	Project Consists Of Extending Sewer Service To Approximately 250 Homes In An Area That Currently Has Straight Pipes, Unapproved Or Failing Septic Systems.
Pike County	Mwd - Belfry-Pond Sewer Project	SX21195692	Project Consists Of The Installation Of A 200,000 Gallon Waste Water Treatment Plant In The Belfry Area, Construction Of Force Mains And Connection Of Up To 400 Residents And Small Businesses To An Approved Sewer System In An Area That Currently Has More Than 50% straight Pipes, Unapproved Or Failing Septic Systems.
Pike County Fiscal Court	Mwd - Scott Fork Temporary Septic System	SX21195694	A Temporary On-Site Septic System Is Required To Allow The Development Of The Scott Fork Industrial Park Until A Centralized Wastewater Treatment Plant Is Permitted. this Will Be A Conventional Leachfield Septic Sytem With An 8000 Gallon Septic Tank And A Duplex Grinder Pump Station. it Will Use 8 Inch Mains And 6 Inch Latterals And Have 2 Type A Manhole Access Points.
Mountain Water District	Mwd - Belfry/pond Phase II	SX21195695	Extend Sewer Service To Approximately 200 Homes In The Belfry Area And Eliminate Straight Pipes.

	Project Title	WRIS	Description
Mountain Water District	Mwd - Forest Hills Phase III	SX21195696	Extend Sewer Service 1.25 Miles On Upper Forrest Hills To Approximately 62 Homes And Eliminate Straight Pipes.
Mountain Water District	Mwd - Shelby Valley Phase Iv	SX21195697	Extend Sewer Service 2.5 Miles On Collins Hwy. To Approximately 105 Homes And Eliminate Straight Pipes.
Powell County Fiscal Court	Sanitary Sewer Service For Powell County	SX21197001	Provide Sanitary Sewer Collection For Areas Of Powell County In Need Of Public Sewer System: Black Creek, Skinner Branch, Adams Ridge, And West Bend Areas.
City of Clay City	Clay City Stormwater Relief Project	SX21197002	Construction Of Stormwater Relief Sewers, Catch Basins, Ditch Reconstruction For Area Within City Limits South Of Ky 11/15 From 7th To 12th Streets.
Powell County Fiscal Court Legal Applicant	Powells Valley Wd-Slade/nada Sewer Line Extensions, Phase 2	SX21197003	This Project Will Extend 4,000 L.f. Of 8 Inch Gravity Sewers And 3,700 L.f. Of 4 Inch Force Main Sewers To Serve 53 Households, 1 General Store And 5 Churches Currently On Failing Septic Systems Or Straight Pipes. the Project Will Eliminate Approximately 32 Straight Pipes And 27 Failing Septic Systems
City of Clay City	Clay City-Wastewater Treatment Plant Expansion	SX21197004	Expand The Existing 0.200 Mgd Wastewater Treatment Plant To 0.538 Mgd To Meet To Sanitary Sewer Treatment Needs Of The City And Surrounding Areas.
City of Clay City	Clay City-Sanitary Sewer Inflow/infiltration Reduction Project	SX21197005	The Project Will Be Phase II Of An Sses Program To Include The Tv Inspection Of Approximately 25,000 L.f. Of Gravity Sanitary Sewer Main In Clay City, Including A Report Of Findings And Rehabilitation Recommendations.
City of Stanton	Stanton-Sanitary Sewer Service Area Expansion, Phase I	SX21197006	Extend The Sanitary Sewer Service Area And Install A Gravity Sewer System In The Boone Creek And Allen Acres Areas Of Powell Coutny.
City of Stanton	Stanton Wastewater Treatment Plant Expansion	SX21197007	Expand The Existing 0.46 Mgd Wastewater Treatment Plant To 1.41 Mgd To Provide Wastewater Treatment For Stanton, Clay City And Ares Of The County Near Both Cities. install Pumping Station At Clay City Wwtp And Construct Forcemain To The Proposed Wastewater Treatment In Stanton.
City of Clay Ciyt	Clay City-Sanitary Sewer Expansion, Phase I	SX21197008	Expand The Service Area To Include The West Bend/virden Ridge And Adams Ridge Areas And Install A Conventional Gravity Sewer And Conveyance System.
City of Clay City	Clay City Sewer Study	SX21197009	This Project Has Two Parts: To Complete The Stanton / Clay City Facilities Plan And To Perform A Sanitary Sewer Evaluation Study. the Ultimate Goal Of The Project Is To Identify What Specific Improvements Need To Be Made As Part Of Project Sx21197005, Inflow And Infiltration Improvements.
City of Stanton	Stanton Sewer Study	SX21197010	This Project Has Two Parts: To Complete The Stanton / Clay City Facilities Plan And To Perform A Sanitary Sewer Evaluation Study. the Ultimate Goal Of The Project Is To Identify What Specific Improvements Need To Be Made As Part Of Project Sx21197007.
Powells Valley Water District Sewer Division	Powells Valley - Cabin Country Sanitary Sewer Extensions Project	SX21197011	The Construction Of Approximately 5,000 Lf Of Gravity Sewers, 22 Manholes, 1,000 Lf Of Force Main, 6 Grinder Pumps And Appurtenances To Serve Approximately 30 Rental Vacation Homes In Powell County.
City of Clay City	City Of Clay City-Clay City Sanitary Sewer Rehabilitation Project	SX21197012	Tt Will Include Reconstruction And/or Replacement Of Defective Sanitary Sewer Facilities As Identified In Phase 1 Of Their Sses Project. the Project Consists Of Reconstruction And/or Replacement Of Manholes, Pump Stations And Limited Line Reconstruction Or Replacement. based Upon Observations During Phase 1 Of The Sses, 72 Percent Of The Pipes Entering Into The Manholes That Were Inspected Were Identified To Be Of Vitreous Clay (vcp) Construction. the Majority Of The Clay City Sanitary Sewer System Is Over 40 Years Old And Observed To Be Largely Composed Of Vcp. the Short Pipe Segments And Old Technology Pipe Joint Configurations Associated With Vcp Construction Provide Significant Opportunities For Root Intrusion, Failed Joint Integrity, Groundwater Infiltration And Sewer Exfiltration. source Of Funds proposed Hud Cdb Grant \$261,000 new Kia Grant (2008 General Assembly) 61,000 total Estimated Project Cost \$522,000

	Project Title	WRIS	Description
Powells Valley Water District Legal Applicant	Manning Road Sanitary Sewer Extension Project	SX21197013	The Powells Valley Water District Proposes To Extend Sanitary Sewer Service To Approximately 28 Unsewered Residences Eliminating Failing Septic Systems In Powell County. The Project Will Include Approximately 9,000 Lf Of 8" Sewer Line, 7,000 Lf Of Force Main, 1 Lift Station, 8 Grinder Pump Stations And Appurtenances.
Science Hill Sewer/City of Science Hill	Science Hill Sewer 0-2 Yr. Maple Lane & Norwood Additions	SX21199016	The Project Adds Sewer Service To About 170 Existing Homes And A Few Businesses In The Maple Lane And Norwood Subdivisions Near The Science Hill City Limits. This Extends Sewer Service To A Portion Of The Us 27 Corridor Which Is The Highest Growth Area In The Community. A Number Of The Area Residents Have Petitioned The City For Sewer Service Due To Failing Septic Tanks. The Project Will Be Primarily Gravity Collectors With Necessary Force Mains For Terrain And Transmission. The Project Is Partly Funded By Pride And Dow For Design And Could Be Ready For Construction Phase Funding In 2003 With Dow Review In Late Spring. The Project Will Take About One Year To Complete. B121
City of Eubank	Eubank Sewer System Project	SX21199017	Design/construction Of New Gravity Sewer System In The City Of Eubank And Surrounding Area. Project Involves Approximately 38,000 Lf Of 8" Gravity Sewer, Six Pump Stations, And Approximately 40,000 Lf Of Force Main To Science Hill Wwtp For Treatment. Proposed Project Will Provide Service To Approximately 225 Currently Unserved Households. Project Includes Service To Lincoln County.
City of Somerset	Pitman Creek Wastewater Treatment Plant Upgrade	SX21199020	The Existing Somerset Wastewater Treatment Facilities Have Problems Related To Age And Treatment Capacity Deficits. The City Of Somerset Is In Need Of A Major Renovation And Expansion To The Pitman Creek Treatment Facility. Somerset's Wastewater Treatment Facilities Are Near Capacity And Somerset Is Unable To Accept Additional Flow From Pulaski County And Surrounding Areas. The Proposed Project Includes Construction Of Oxidation Ditches And Associated Facilities With A Single Discharge Into Pitman Creek And Will Allow Somerset To Initially Increase Its Treatment Capacity From 3.0 Mgd To 4.4 Mgd And Ultimately Increase Capacity To 13.2 Mgd. The Project Also Includes Improvements To The Conveyance Line Between The Sinking Creek Wwtp And The Pitman Creek Wwtp.
City of Science Hill	Science Hill Sewer 3-10 Yr. Improvements & Additions	SX21199021	This Project Is Primarily Intended To Fix Operations Problems With The Existing System. ILL Is High, Maintenance Costs Are High, A Number Of Manholes Need Repair, And About 30 Customers Are On Individual Grinder Pumps Which Can Be Rerouted To Gravity Sewers. Wwtp Operations Improvements Will Be Made, Including A New, Second, Sludge Drying Bed, An Equalization Basin, Pump And Control Replacement, Tank Painting And Repair, Spares And Equipment Replacement, Etc. Some New Customers Will Be Served. The Project Application Has Been Submitted For Over A Year And May Be Funded In 2003, At Least For Design Phase Work. Construction Could Begin In Either Late 2003 Or Early 2004 For Completion In 2004.

	Project Title	WRIS	Description
City of Science Hill Legal Applicant	Science Hill Sewer 0-2 Yr. Improvements & Additions	SX21199022	This Project Is Expected To Extend Service To The Us 27, Us 27 By-Pass, And I 66 Corridors, Which Is The Area Of Highest Growth Rate In The County. The Wwtp Will Be Adequate For The Customer Base Until The Sevice Area And Total Customers Reaches About 600, At Which Point The Plant Capacity Will Require Expansion. The City Of Eubank Has Filed A 201 Plan That Recommends wholesale Treatment By The City Of Science Hill (as Opposed To A Eubank Wwtp-This Proposal Will Require Considerable Negotiations By The Two Cities). The Eubank 201 Plan Does Not Include The Growth Effects Of Science Hill, The Current Short Term Science Hill Expansion Projects, Or The Us 27 Corridor Impact. If The Eubank Proposal Happens Sooner, Wwtp Expansion Will Be Required Sooner. The Science Hill 201 Plan Is In Development.
City of Somerset	Somerset/sanitary Sewer Survey & Rehab Central Ww Transportation System	SX21199027	This Project Is Partially Funded By Epa And Entails The Completion Of The Sses/rehabilitation In The Central Wastewater System Of The City Of Somerset. The Project Includes The Inspection, Flow Monitoring, Smoke Testing, Tv Line Inspection And Rehabilitation Of The Oldest Portion Of The Somerset Wastewater Transportation System. This Project Is Essential To Maintain A Properly Functioning And Safe Wastewater Transportation And Treatment System. As A Regional Provider Of Wastewater Service, It Is Essential To Control Flow To Be Transported And Treated. Start Date 0-2 Yrs. Estimated Costs \$1,236,000.
City of Somerset	Somerset/bourne Ave Sanitary Sewer Upgrade	SX21199028	The Project Entails The Replacement Of Approximately 3,000 Lf Of Existing 8" Sanitary Sewer And Public Property Laterals To Alleviate Health And Safety Threats From The Stoppage And Overflow Of An Aging Sanitary Sewer Segment. This Project Is Essential To Maintain A Properly Functioning And Safe Wastewater Transportation System. 0-2 Year Start Date. Esimated Cost \$375,000.
City of Somerset	Somerset/south Central Ave Sanitary Sewer Upgrade	SX21199029	The Project Entails The Replacement Of Approximately 1,800 Lf Of Existing 8" Sanitary Sewer And Public Property Service Laterals To Alleviate Health And Safety Threats From Stoppage And Overflow Of An Aging Sanitary Sewer Segment. This Project Is Essential To Maintain A Properly Functioning And Safe Wastewater Transportation System. Start Date 0-2 Yrs. Estimated Costs \$250,000.
City of Somerset	Somerset/sagasser St & Chaudoin St Sanitary Sewer Upgrade	SX21199030	The Project Entails The Replacement Of Approximately 3,000 Lf Of Existing 8" Sanitary Sewer And Public Property Service Laterals To Alleviate Health And Safety Threats From The Stoppage And Overflow Of An Aging Sanitary Sewer Segment. This Project Is Essential To Maintain A Properly Functioning And Safe Wastewater Transportation System. Start Date 0-2 Years, Estimated Costs \$375,000.
City of Burnside	Burnside – Wastewater Collection System – Contract "b" – Phase 2	SX21199032	The City Of Burnside Previously Had No Sanitary Sewer System. the Purpose Of This Project Is To Provide Sanitary Sewer Service To The Residences And Businesses Inside The City Limits Of Burnside. this Project Provides A Sewer Collections System To The Area Of North Burnside Along Ky 90.
CITY OF MT OLIVET	Mt.olivet Sewer	SX21201001	The City Has Previously Received \$400,000 From State Surplus Funds. the City Has Utilized A Portion Of These Funds To Complete Design. mt Olivet Proposes To Construct A Low Pressure Collection System And 49,000 Gpd Package Plant.
CITY OF MT OLIVET	Mt Olivet Sewer Extension	SX21201002	Extend Service To Currently Unserved Areas
City of Mt Olivet	Mt Olivet Sewer Extension To New School At Us 62 And Ky 616	SX21201003	Extend Service Along Us 62 To Ky 616 To The New Elementary School.

	Project Title	WRIS	Description
City of Mt Olivet	Mt. Olivet-Extend Service To Sardis From Ky 616	SX21201004	This Project Will Provide Service To 100 New Customers Along Us 62 And In Sardis And Expand The Wwtp At Mt. Olivet By 50%.
City of Livingston Legal Applicant	City Of Livingston Wastewater Extension And Wastewater Treatment Plant	SX21203153	The Proposed Project Involves The Construction Of Approximately 12,500 Feet Of Gravity Sewer Lines, One Pump Station, And A 40,000 Gpd Wastewater Treatment Plant. These Improvements Are Necessary To Extend Sewer Service To 64 New Customers And Replace The Existing Waste Treatment Plant And Some Collection Lines Within The City'S Collection System. Due To Advanced Age, The Treatment Plant Has Operational Problems And The Collection System Is A Major Source Of Inflow And Infiltration.
City of Livingston	City Of Livingston - Sewer Rehabilitation	SX21203154	City Of Livingston Proposes To Undertake Sewer Rehabilitation/line Replacement Activities On Various Lines Throughout The Existing Sewer System.
City of Mt. Vernon	City Of Mt. Vernon Wastewater Extension Along Main Street	SX21203190	The Project Is To Replace The Sewer Collection System In The Downtown City On Main Street. The Old Collection System Is An Old Combined Sewer System, Which Was Converted To Sanitary Sewer System When The First Treatment Plant Was Constructed. This Will Serve Approximately 40 Businesses. The System Is In Need Of Replacement.
City of Mount Vernon	City Of Mount Vernon -wwtp And Pump Station Off Richmond Street On Town Branch Rd.	SX21203191	The Project To Recondition/rebuild Or Relocate The Wastewater Treatment Plant. The Current Wastewater Treatment Plant Is Under-Sized And Located In A Residential Area Which Generates Numerous Complaints On Odor.there Have Been Numerous Permit Compliance Issues In The Last Year. The Project Would Be Estimated To Be 5.5 Million In construction Cost.
City of Mount Vernon	Mount Vernon Wastewater Gravity Force Main And Lift Station Hwy 25 South From Mt. Vernon To Burr Area	SX21203192	The Project Is To Extend The Sewer Collection System Into The I-75 Corridor Area East Of The City. The Project Is A Gravity Sewer Line And Force Main With Lift Station To Lift Wastewater Over The Hill On Us 25 Back To The Wastewater Treatment Plant.
City of Mt. Vernon	City Of Mt. Vernon: Rose Hill Sanitary Collection And Transfer	SX21203193	A Project To Extend The Sewer Collection System Into Areas Around The Lake Linville, The City'S Water Supply. The Project Is Estimated To Serve Approximately 15 Households And Businesses.
City of Mount Vernon	Mt Vernon - Pride/lake Linville Sewer Extension- Phase 1	SX21203194	Project Provides For A Combination Gravity/pressure Sewer Extension Serving 25 Residential Customers Along The East Side Of Lake Linville And Conveying Collected Sewage Across I-75 To The City'S Existing System At The Renfro Valley Pump Station.
Rockcastle County IDA	Rockcastle County Industrial Park South Sewer Line Extension Project	SX21203195	This Project Will Construct Approximately 200 Lf Of 10" Gravity Sewer And 1,600 Lf Of 8" Gravity Sewer To Serve The New Sourcecorp Facility Located In The Park.
City of Mt. Vernon	City Of Mt. Vernon: Little Rock Hill Road Area Sanitary Collection And Transfer	SX21203196	A Project To Extend The Sewer Collection System Into Areas Around Lake Linville, The City'S Water Supply. The Project Is Estimated To Serve Approximately 50 Households.
City of Mt. Vernon	City Of Mt. Vernon: Little Rock Hill Road Area Sanitary Collection And Transfer	SX21203196	A Project To Extend The Sewer Collection System Into Areas Around Lake Linville, The City'S Water Supply. The Project Is Estimated To Serve Approximately 50 Households.
City of Mt. Vernon	City Of Mt. Vernon: Little Rock Hill Road Area Sanitary Collection And Transfer	SX21203196	A Project To Extend The Sewer Collection System Into Areas Around Lake Linville, The City'S Water Supply. The Project Is Estimated To Serve Approximately 50 Households.
City of Mt. Vernon	City Of Mt. Vernon: Rainbow Ridge area Sanitary Collection And Transfer	SX21203197	A Project To Extend The Sewer Collection System Into Areas Around Lake Linville, The City'S Water Supply. The Project Is Estimated To Serve Approximately 200 Households.
City of Brodhead	City Of Brodhead - Sewer Rehabilitation	SX21203316	Brodhead Proposes To Undertake Sewer Rehabilitation/line Replacement Activities On Various Sewer Lines Throughout The Existing Sewer System.

	Project Title	WRIS	Description
City of Broadhead Legal Applicant	City Of Brodhead - Wwtp Upgrade And Improvement	SX21203317	City Of Broadhead Is Proposing To Make Necessary Improvements And Updating Of Equipment At The Wastewater Treatment Plant Inorder To Maintain Adequate Treatment Capacity And Effluent Control.
MOREHEAD UTILITY PLANT BOARD	Morehead Utility Plant Board Virginia Ave/McClure Circle/park Hills/south Willow/student Center Rehab Project	SX21205002	This Project Involves The Replacement And Rerouting Of Existing Gravity Sewers To Eliminate Ill And Maintenance Problems.
MOREHEAD UTLITY PLANT BOARD	Morehead Utility Plant Board Big Woods Extension Project Phase 1	SX21205010	This Project Involves The Construction Of Approximately 2 Miles Of Sewer Line In The Big Woods Area Of Rowan County.
Morehead Utility Plant Board	Morehead Utility Plant Board Sewer Line Extension To New Airport	SX21205026	This Project Proposes To Construct Approximately 10,500 Lf Of 2" Force Main, One Grinder Pump Station, And Necessary Appurtenances To Serve The 65 Acre Ellington Industrial Site And The Clyde A. Thomas Airport In Rowan County.
Morehead Utility Plant Board	Morehead Utility Plant Board Cardinal Lane Sewer Project	SX21205027	Construction Of Approximately 2,813 Lf Of Gravity Sewer, And 1 Duplex Grinder Pump Station To Serve 30 Households.
Morehead Utility Plant Board	Morehead Utility Plant Board Phase III Rehabilitation Project	SX21205028	This Project Includes Inspections And Rehab Of Approximately 550 Manholes And 82,745 Lf Of Pipe Will Be Televised And Smoke Tested.
Morehead Utility Plant Board	Morehead Utility Plant Board Sunnybrook Development Sewer Line Extension	SX21205029	This Project Proposes To Extend Sewer Service To This Area By Construction Of Approximately 9,000 Lf Of 8" Gravity Sewer Including 45 Manholes.
Morehead Utility Plant Board	Morehead Utility Plant Board Phase Iv Rehabilitation Project	SX21205030	This Project Proposes To Continue Camera Inspection And Sewer Rehab Of Problem Areas In The Collection System.
City of RUSSELL SPRINGS	Russell Springs Sewer Extensions - No. 1	SX21207001	Project Includes The Addition Of 14,200 Lf Of Collector Sewer Lines To Serve 80 New Customers In And Around Russell Springs.
City of Russell Springs	Russell Springs Sewer Extension - No. 2	SX21207002	Project Includes The Addition Of 19,150 Lf Of Collector Sewer Lines To Serve 60 New Customers In And Around Russell Springs.
City of Jamestown	Jamestown - Sewer Expansion Number 2	SX21207003	Additions To The Sewer Collection System In Various Parts Of The County. project Includes The Addition Of 194,295 Lf Of Sewer Line, And Will Provide New Service To 722 Households, And Several Businesses.
City of Jamestown	Jamestown - Sewer Expansion Number 1	SX21207004	Additions To The Collection System In Various Parts Of The County. project Includes The Construction Of 82,850 Lf Of Sewer Line And Will Serve 140 New Customers, And Several Businesses.
City of Russell Springs	Russell Springs/alligator Area Sewer Extension	SX21207006	The Project Consists Of 76,500 Lf Of 4" Force Main, 20,000 Lf Of 2" Force Main, 5,400 Lf Of 8" Gravity Sewer, (5) Five Main Lift Stations, And All Appurtenances To Serve Approximately 300 New Customers In The Alligator Boat Dock Areas In Russell County. upgrade The Existing Main Sewer Lift Station.
City of Russell Springs	Russell Springs - Woodland Acres Pride Wastewater System Expansion	SX21207007	The Proposed Project Relates To Distribution. the Project Will Provide Approximately 40 New Residential Customers With Sanitary Sewer Service In Russell County.
City of Jamestown	Jamestown - 127 North/town View Estates/McFalls Road Sewer Expansion	SX21207009	To Provide Sewer To Areas Inside The City Limits Of Jamestown. serving App. 60 Households.
City of Russell Springs	Russell Springs – Fairgrounds And Gentry Mill Liftstation Modification	SX21207010	– Project Includes The Modification Of Two Existing Liftstations In Russell Springs.
City of Russell Springs	Russell Springs-Outer City Limits Pressure Sewer Extensions	SX21207011	This Project Will Consists Of 7,700 Lf Of 4" Force Main, 9,900 Lf Of 3" Force Main, 13,500 Lf Of 2" Force Main, And All Major Appurtenances Necessary To Serve 65 New Customers In The Outer Limits Of The City Of Russell Springs.
City of Russell Springs	Russell Springs-Ky 1611 Pressure Sewer Extension	SX21207012	The Project Consists Of 28,900 Lf Of 4" Force Main, 19,200 Lf Of 2" Force Main, Seven (7) Lift Stations, And All Other Appurtenances Necessary To Serve 45 New Customers Along Ky 1611 In The Ono Ridge Area Of Russell County.
City of Jamestown	Jamestown Utilities-Jamestown Dock Sewer Extension	SX21207013	Collecting Sewage From Jamestown Boat Dock And Residences Along Ky 92 South Of Jamestown.

	Project Title	WRIS	Description
City of Sadieville, Kentucky Legal Applicant	Sadieville Wastewater System Improvements	SX21209001	This Phase Of The Project Includes Planning, Design, And Preliminary Engineering Activities And Fees In Support Of The Larger Effort To Replace The Existing Obsolete, Inefficient, And Failing Sadieville Wastewater Treatment System. it Includes Activities Surrounding Replacement, Upgrade, And Expansion Of The Sewer Collection And Pumping Systems, Retirement Of The Existing Wastewater Treatment Package Plant, And Connection To The City Of Georgetown Sewer System For Purpose Of Wastewater Treatment. the Main East-West Interceptor Line Running Through Downtown Sadieville Will Be Replaced, As Will All Of The Lateral Lines Associated With The Collector System. in Addition, New Lines Will Be Designed And Constructed Along Ky-32 To The Intersection With Us-25 Where A New Force Main Line Will Be Run Southward Along Us-25 To The Intersection With Double Culvert Road For The Purpose Of Hooking Into The Georgetown Sewer System Where Sadieville Wastewater Will Be Pumped To A Georgetown Owned And Operated Wastewater Treatment Plant For Processing. Finally, A New East-West Lateral Line Will Be Run Along Ky-32 From Us-25 To The West Side Of I-75 To Service Business, Commercial, And Residential Development Needs In That Area. additional Collector Lines Will Be Installed In And Around The City Of Sadieville To The Extent Resources Allow. upon Completion, This Project Will Provide State-Of-The-Art Regional Wastewater Treatment Services Throughout The Expanded Sadieville Planning Area.
City of Georgetown	Georgetown Wwtp#2-Northern Scott Co. Sewer Extension	SX21209003	The City Of Georgetown Owns Two Landfills; The Double Culvert Road Landfill And The Sims Road Landfill. the Division Of Waste Management Has Deemed That Leachate Collection And Disposal A Both Sites Is Inadequate. to Avoid Future Nov'S And Allow For Closure Of Inactive Cells At Each Site, This Project Proposes To Install A Force Main System From These Landfills To The Georgetown Wwtp#2. additionally, Given Its Proposed Route, The Forcemain Will Be Conveniently Located For Connection Of A Forcemain From Sadieville, Thereby Eliminating An Aging Package Wwtp, And For Future Residential And Commercial Connections Along A Busy State Highway

	Project Title	WRIS	Description
City of Sadieville Legal Applicant	City Of Sadieville Wastewater System Improvements	SX21209004	<p>This Phase Of The Project Includes Design, Preliminary Engineering, And Construction Activities Associated Of The Larger Effort To Replace The Existing Obsolete, Inefficient, And Failing Sadieville Wastewater Treatment System. it Supports Design And Construction Activities Surrounding Replacement, Upgrade, And Expansion Of The Sewer Collection And Pumping Systems, Retirement Of The Existing Wastewater Treatment Package Plant, And Connection To The City Of Georgetown Sewer System For Purpose Of Wastewater Treatment. this Project Is A Regional Effort By And Between The Cities Of Sadieville And Georgetown To Eliminate The Obsolete Package Treatment Plant Owned And Operated By The City Of Sadieville, And Pump Its Wastewater To A Georgetown Owned Treatment Plant For Processing. it Will Allow Decommissioning Of The Sadieville Plant, Upgrade And Replacement Of The Existing Collection And Pumping Systems, Elimination Of At Least 105 Failing Septic Systems And Expansion Of Safe And Modern Sewer Service To Additional Households. in Addition To Upgrade/replacement Of The Entire Sadieville System With A Modern Regionalized Effort, This Project Will Provide For Update Of The Sadieville Facilities Plan. project Particulars Include Design And Construction Of A New And Larger East-West Interceptor Main Line Running Through Downtown Sadieville, As Well As All Of The Existing Lateral Lines Associated With The Collector System. in Addition, New Lines Will Be Constructed And Installed Along Ky-32 To The Intersection With Us-25 Where A New Force Main Line Will Be Run Southward Along Us-25 To The Intersection With Double Culvert Road For The Purpose Of Hooking Into The Georgetown Sewer System Where Sadieville Wastewater Will Be Pumped To A Georgetown Owned And Operated Wastewater Treatment Plant For Processing. finally, A New East-West Lateral Line Will Be Run Along Ky-32 From Us-25 To The West Side Of I-75 To Service Business, Commercial, And Residential Development Needs In That Area And The Area All Along Ky-32 West Of Sadieville. additional Collector Lines Will Be Installed In And Around The City Of Sadieville To The Extent Resources Allow. upon Completion, This Project Will Provide Environmentally Safe State-Of-The-Art Regional Wastewater Treatment Services Throughout The Expanded Sadieville Planning</p>

	Project Title	WRIS	Description
<p>City of Sadieville Legal Applicant</p>	<p>City Of Sadieville Sewer System Evaluation And Repair</p>	<p>SX21209005</p>	<p>This Phase Of The Project Includes Planning, Design, Preliminary Engineering, And Construction Activities Associated Of A Larger Effort To Replace The Existing Obsolete, Inefficient, And Failing Sadieville Wastewater Treatment System. in Particular It Supports Planning, Design And Construction Activities Surrounding Replacement, Upgrade, And Expansion Of The Sewer Collection And Pumping Systems. it Is Also A Critical Part Of A Larger Regional Effort By And Between The Cities Of Sadieville And Georgetown To Eliminate The Obsolete Package Treatment Plant Owned And Operated By The City Of Sadieville, And Pump Its Wastewater To A Georgetown Owned Treatment Plant For Processing. it Will Allow Upgrade And Replacement Of The Existing Collection And Pumping Systems, Elimination Of At Least 105 Failing Septic Systems, Significant Ill Removal, And Expansion Of Safe, Modern, And Environmentally Friendly Sewer Service To As Many As 115 Additional Households In The Sadieville Planning Area. in Addition To Upgrade/replacement Of The Entire Sadieville System With A Modern Regionalized Effort, This Project Will Provide For Update Of The Sadieville Facilities Plan. project Particulars Include Planning, Design And Construction Of A New And Larger Interceptor And Collector Lines Running In And Around Sadieville, As Well As All Of The Lateral Lines Associated With The Existing Collector System. new Collector Lines Will Be Constructed And Installed In And Around Downtown Sadieville, And Along Ky-32 To The Intersection With Us-25 Where A New Force Main Line Will Carry The Wastewater Southward Along Us-25 To The Intersection With Double Culvert Road For Transport And Processing By A Georgetown Owned And Operated Wastewater Treatment Plant. finally, A New East-West Lateral Line Will Be Run Along Ky-32 From Us-25 To The West Side Of I-75 To Service Business, Commercial, And Residential Development Needs In That Area And The Area All Along Ky-32 West Of Sadieville. additional Collector Lines Will Be Installed In And Around The City Of Sadieville To The Extent Resources Allow. upon Completion, This Project Will Provide Environmentally Safe State-Of-The-Art Regional Wastewater Treatment Services Throughout The Expanded Sadieville Planning Area.</p>
<p>City of Georgetown</p>	<p>City Of Georgetown-Wwtp #1 Rbc Demolition</p>	<p>SX21209007</p>	<p>This Project Includes Demolition Of 26 Rotating Biological Contactors Which Are No Longer Utilized At The Georgetown Wwtp #1 For Wastewater Treatment. also Included Is The Demolition Of The Abandoned Screen Building.</p>
<p>Scott County Fiscal Court</p>	<p>City Of Georgetown-New School Pump Station</p>	<p>SX21209008</p>	<p>This Project Includes Construction Of A New Pump Station And Force Main To Serve A New School To Be Constructed On Us 460 West Of Georgetown.</p>
<p>City of Sadieville</p>	<p>Phase III Replacement Of Small Diameter Gravity Sewers--city Of Sadieville</p>	<p>SX21209009</p>	<p>Sadieville Phase III Small Diameter Gravity Sewer Line Replacement Project. this Project Will Upgrade Approximately 11,500' of 4" Gravity Sewer By Replacing It With 8" Gravity Sewer Line And Upgrade 3 Pump Stations.</p>
<p>City of Georgetown</p>	<p>Bctc Advanced Technology Center Gravity Sewers</p>	<p>SX21209010</p>	<p>Construction Of 1100 Feet Of 8 Inch Gravity Collector Sewer To Serve Bctc Advanced Technology Center At The Lanes Run Business Park.</p>
<p>City of Georgetown</p>	<p>Georgetown Industrial Park Sewer Study And Upgrade</p>	<p>SX21209011</p>	<p>Engineering Study And Upgrade/replacement Of Undersized And Failing Sewer Lines From The Industrial Park On Lemons Mill Road To Connect With Existing 24" Trunk Sewer Along South Broadway. undersized Lines Very In Size From 6" To 15" With Total Length Of Replacement Being Approximately 5000 Feet.</p>
<p>Shelbyville Municipal Water & Sewer Commission</p>	<p>Wastewater Treatment Plant Expansion</p>	<p>SX21211001</p>	<p>This Project Will Expand The Existing Capacity By 1 Million Gallons Per Day.</p>

Project Title					WRIS	Description
Shelbyville Commission	Municipal	Water &	Sewer	Us 60 - Hwy 55 Extension Legal Applicant	SX21211002	This Project Is The Expansion Of A Trunk Sewer Line From Us Hwy 60 Along Hwy 55 To A Pump Station. this Project Is A Dow Requirement Prior To Project Sx2121107 Receiving Approval. Sx2121107 Eliminates Failed Septic Tanks And Extends Gravity Sewers To A Back Portion Of Midland Industrial Park.
Shelbyville Commission	Municipal	Water &	Sewer	Governor Square Pump Station	SX21211003	This Project Is The Replacement Of The Existing Pump Station.
Shelbyville Commission	Municipal	Water &	Sewer	Spring Valley Pump Station	SX21211004	This Project Will Be For Needed Replacement Of Equipment At The Spring Valley Pump Station.
Shelbyville Commission	Municipal	Water &	Sewer	Town & Country Force Main	SX21211005	This Project Will Extend A Force Main Into The Town & Country Area.
Shelbyville Commission	Municipal	Water &	Sewer	Rockbridge Rd/hwy 55 Regional System	SX21211006	This Project Is The Installation Of A Regional Waste Water Pumping Station And Collection System Along Rockbridge Road And Hwy 55. This Project Will Remove 3 Existing Pumping Stations. It Will Also Serve 49 Unserved Homes And 75 Unserved Acres.
Shelbyville Water & Sewer Commission				Midland Gravity Sewers	SX21211007	The Project Will Install Gravity Sewers In The Midland Drainage Areas, Which Include Ardmore, Arlington, And The Back Section Of Midland Industrial Park. these New Gravity Sewers Will Replace Existing Septic Tanks In These Areas.
Shelbyville Commission	Municipal	Water &	Sewer	Eminence Pike Gravity Sewers	SX21211008	This Project Will Install Gravity Sewers In The Eminence Pike Area, Which Includes Longview, Spring Oaks, And Colony. these New Gravity Sewers Will Replace Existing Septic Tanks In These Areas.
Shelbyville Commission	Municipal	Water &	Sewer	Us 60 East Gravity Sewers	SX21211009	This Project Will Install Gravity Sewers In The Us 60 East Area, Which Includes Knobview, Rolling Hills, Monica Gardens, South Shores, And Thorobred Acres. these New Gravity Sewers Will Replace Existing Septic Tanks In These Areas.
Shelbyville Commission	Municipal	Water &	Sewer	Benson Rd Gravity Sewers	SX21211010	This Project Will Install Gravity Sewers In The Benson Road Area. these New Gravity Sewers Will Replace Existing Septic Tanks In This Area.
Shelbyville Commission	Municipal	Water &	Sewer	Glenview Gravity Sewers	SX21211011	This Project Will Install Gravity Sewers In The Glenview Subdivision. These New Gravity Sewers Will Replace Septic Tanks In This Area.
Simpsonville Sewer Commission				Wastewater Treatment Plant Expansion	SX21211012	This Project Consists Of Expanding Existing Wastewater Treatment Plant Capacity From 0.205 Mgd To 0.50 Mgd By Constructing Semencing Batch Reactor System At Site Of Existing Lagoon No. 3.
CITY OF FRANKLIN				City Of Franklin Priority Sewer Rehab Projects	SX21213006	Research Areas Of I & I And Repair Or Replace Sewer Mains That Are Found To Need Repair/replacement. many Lines Are Over 50 Years Old And Need To Be Rehabilitated Or Replaced And Upgraded In Size.
SIMPSON COUNTY WATER DISTRICT				Hwy 31w South Area Sewers	SX21213007	Approximately 10,900 Lf Of 8" Gravity Sewer And 5,000 Lf Of 6" Force Main With 1 Lift Station; All To Serve The Hwy 31w Area Of Simpson County
SIMPSON COUNTY WATER DISTRICT				Hwy 100 East Area Sewer	SX21213008	Approximately 2,000 Lf Of Gravity Sewer And 22,000 Lf Of Force Main With 1 Liftstation All To Serve Areas In Eastern Simpson County Near Hwy 100.
SIMPSON COUNTY WATER DISTRICT				Gold City Area Sewer	SX21213009	Approximately 2,000 Lf Of Gravity Sewer And 30,000 Lf Of 6" Force Main With 1 Lift Station; All To Serve The Gold City Area Of Simpson County
SIMPSON COUNTY WATER DISTRICT				Hwy 31w North Area Sewer	SX21213010	Approximately 2,000 Lf Of 8" Gravity Sewer And 9,200 Lf Of 6" Force Main, All To Serve Areas Along Hwy 31w In Northern Simpson County
SIMPSON COUNTY WATER DISTRICT				Hwy 100 West Area Sewer	SX21213011	Approximately 2,000 Lf 8" Gravity Sewer And 40,500 Lf Of 6" Force Main With One Lift Station; All To Serve Area Along Hwy 100 In Western Simpson County.
City of Franklin				City Of Franklin - Patton Rd Sub 8" Sewer	SX21213013	Install An 8" Sewer Line To Serve The Patton Road Subdivision That Is Currently Unserved.
City of Franklin				City Of Franklin - Country Club Estates Sewer	SX21213014	An 8" Sewer Line To Serve An Estimated 96 New Customers Which Are Now Unserved And On Septic Systems.
City of Franklin				City Of Franklin - Broderson Trailer Park Sewer	SX21213015	Installation Of An 8" Sewer Line To Serve An Unserved Area Of 46 Mobile Home Lots
City of Franklin				City Of Franklin - Broadway Sewer Line	SX21213016	Installation Of An 8" Sewer Line To Serve An Unserved Area Of 81 Homes That Are Currently On Septic Systems.

	Project Title	WRIS	Description
City of Franklin	City Of Franklin - Quail Ridge & Huntington Park Sub Sewer Lines	SX21213017	Installation Of A 8" Sewer Line To Serve 101 Unserved Homes With Sewer Service In The Quail Ridge And Huntington Park Subdivisions.
City of Franklin	City Of Franklin - Walker St. Sewer Rehab	SX21213018	Rehabilitation Of Sewer Lines On Walker Sarver And Brevard St.
City of Franklin	City Of Franklin - Highlands Subdivision Sewer Line Replacement	SX21213019	Sewer Lines On Glendale And Hillcrest Rd Needs Replaced. Legal Applicant
City of Franklin	City Of Franklin - Akin Ave Sewer Line Replacement	SX21213020	Replace All Sewer Lines Because They Are Brick Manholes And The Lines Are Deteriorated On Akin Ave Crossing Main St. And Church St. Henry And Legion Dr.
City of Franklin	City Of Franklin - E Cedar St Sewer Line Project	SX21213021	Replace Sewer Lines On E Cedar St From Railroad St To Robey St.
City of Franklin	City Of Franklin - Macedonia Rd/ Caudill Hill Lift Station Replacement	SX21213022	Replace 2 Lift Stations That Are Very Old And Undersized. They Also Have Several Overflows Each Year. The 31w Corridor Is Growing And These Lift Stations Are Also Insufficient For Growth.
City of Franklin	City Of Franklin (31w South Corridor Sewer Upgrades)	SX21213023	Upgrade And Replace All Sewer Lines And Necessary Lift Stations And Force Mains To Accomodate Existing And New Growth Along 31w South Of Town.
City of Franklin	City Of Franklin Sewer Line Replacement 31w Downtown	SX21213024	Replace Sewer Main That Serves Main St - 31w From South Street To Cedar Street. Then Running Down Court Street To Finn Street.
City of Franklin	City Of Franklin Sewer Extension Exit #2	SX21213025	Exit #2 Sewer Upgrade And Extension For Unserved Area And Growth
City of Franklin	City Of Franklin North Industrial Park Sewer Extension	SX21213026	Install Gravity Sewer, Force Main And Lift Station For New Developments In Wilkey North Industrial Park
City of Taylorsville	Sewer System Expansion – Priority 1	SX21215001	This Project Consists Of Upgrading The City Of Taylorsville Sewer Treatment Plant Expansion From 200,000 Gallons Per Day To 1 Mgd.
City of Taylorsville	Sewer System Expansion - Priority 2	SX21215002	This Project Will Serve 211 Homes In Taylorsville. the Project Consists Of Eight Inch Line Extensions: 1.81 Mile (9,600 L.f.) Extension On S.r. 3200 West (town Hill Road)/rice Drive. another .83 Mile (4400 L.f.) Extension On S.r. 3200 West (town Hill Road)/glenview Drive. .20 Mile (1100 L.f.) Extension On Tanglewood Court And 1.09 Mile (5800 L.f.) Extnesion On S.r. 44/green Acres. total Estimated Cost Is \$1,340,000
Spencer County Fiscal Court	Spencer County Wastewater Facilities Plan	SX21215003	Spencer County Is The Fastest Growing County In The State Of Kentucky. With This Rapid Growth, We Need To Plan For The Future. We Have Already Had Meetings With The City Of Taylorsville On Working Jointly On A Wastewater Commission. This Has Had Great Discussion And Also Produced The Likely Hood That We Should Have Two Separate Commissions Working Together To Further The Growth Of Taylorsville And Spencer County In A Responsible Manner. Therefore We Need Funds To Hire An Engineering Firm To Do A Facilities Plan So We Can Determine Where Treatment Should Go And We Can Plan Our Growth Around That. We Have Had Meetings With Other Counties And Learned How They Did Their Plans. All Of Them Were Created Out Of Necessity. We Want To Plan Before We Have Too Many Package Treatment Plants, And Before We Have A Lot Of Failing Septic Systems. Truly This Would Be A More Cost Effective Approach To An Inevitable Problem
City of Campbellsville	South Campbellsville/ky 70 Area Sewer Extension Project	SX21217003	Project Consists Of 17,000 Lf Of 8 Inch Sewer Main, 3,000 Lf Of 4 Inch Sewer Service Line, 90 Manholes, And 2 Lift Stations To Serve The 150 Residences On Both Sides Of Ky 70 Including Meadow View Drive, Meadow View Court, Country View Court, Shiela Drive, Happy Hills Drive, And Highland Drive.
Campbellsville Municipal Water & Sewer System/City of Campbellsville	Campbellsville Wastewater System Improvements/upgrade	SX21217006	Upgrade Wastewater Collection/treatment System By (1) Extending Collection Sewers To Serve Arrowhead Trailer Park And Nearby Subdivision Which Replaces An Old Problematic Package Plant, (2) Improve And Upgrade Wwtp By Adding Grit Removal, Screens, And Sludge Biosolids Process, And (3) Rehabilitate Manholes And Replace Pipes.

	Project Title	WRIS	Description
City of Campbellsville Legal Applicant	Campbellsville Lift Station Renovation	SX21217007	Project Consists Of Renovation 2 Lift Stations, Removing 2 Lift Stations And Installing A New Lift Station In Areas Located Throughout The City'S Sewer Collection System. in Addition, The Project Consists Of The Replacement Of Approximately 4,500 Lf Of Existing 6-Inch Sewer Force Main.
City of Campbellsville	Campbellsville Sewer System Renovation	SX21217008	Project Consists Of Replacing 10,000 Lf Of Existing Sanitary Sewer Collection Lines And Appurtenances Throughout 18 Areas Of The Sewer Collection System.
City of Campbellsville	Cmws – Snow Lane And Steeple Chase Sewer System Extension	SX21217009	Project Consists Of Installing Approximately 7,000 Lf Of Gravity Sewer, 35 Manholes, 4,800 Lf Of Force Main And 3 Lift Stations To Serve 80 Customers.
City of Campbellsville	Campbellsville/taylor County Industrial Park Sewer Extension	SX21217010	This Project Involves Construction Of A Sewer Line To Serve A Major New Industrial Park In The Campbellsville Area.
City of Campbellsville	Campbellsville Bypass Sewer Extension	SX21217011	The Project Consists Of 6,500 Lf Of 8-Inch Sanitary Sewer Main And About 30 Manholes To Serve Approximately 50 Residential And Commercial Properties Along Both Sides Of The Newly Constructed Northern Connector Portion Of The Campbellsville Bypass. also, The Project Includes The Rehabilitation Of The Aging Elmhurst Sewage Lift Station And The Replacement Of The Currently Unoperational Recirculation Pumps At Campbellsville Wastewater Treatment Plant. the Total Estimated Cost Is \$1,820,000. 0-2 Year Start Date.
City of Guthrie	Guthrie Wastewater System Improvements Project	SX21219002	The Proposed Project Would Rehabilitate The Deteriorated Sewers In The Green Acres Subdivision As Well As Providing For System-Wide Collection System Repairs That Were Identified In The Last Facilities Plan Update. The Project Would Also Include Improvements At The Wastewater Treatment Plant, And Extension Of Sewer Service To Currently Unserved Parts Of The City.
City of Elkton	Elkton - Sewer Improvements & Extension	SX21219003	This Project Will Provide Sewer Service To The Elkton Industrial Park By Constructing 5,700 Lf Of 6" Force Main Sewer Line From The Industrial Park To The Elkton Wwtp. A Lift Station Will Also Be Installed At The Industrial Park.
City of Guthrie	Guthrie - Wwtp Improvements & Manhole Upgrades	SX21219004	This Project Will Upgrade The Monitoring System And The Electrical System At The Guthrie Wwtp. The Project Will Also Include Inspection And Any Needed Repairs To The Oxidation Ditch At The Wwtp And Raise And Relocate Existing Manholes Along Spring Creek. Any Remaining Funds Will Be Used To Purchase Equipment.
City of Trenton	Trenton - Sewer System Improvements	SX21219007	This Project Will Make Miscellaneous Improvements At The Existing Wastewater Treatment Plant And Repairs Within The Collection System And Also Provide Sewer Service To 20 +/- unserved Households Within The City Limits. The Project Includes Replacing 6,000 Lf Of Sewer Main With 8" Pvc And 2,000 Lf Of Sewer Service Line With 4" Pvc. The Project Also Includes Rehabilitation Of 130 Manholes.
City of Guthrie	Guthrie - 31-W Sewer Extension	SX21219008	This Project Will Extend 2,500 Lf Of 8" Gravity Sewer Main And 10 Manholes From The Existing Sewer Main On Hwy 41 To A New Commercial Site For The 31-W Insulation Company On Hwy 79.
City of Guthrie	Guthrie - Wwtp Expansion	SX21219009	This Project Will Expand And Upgrade The Guthrie Wastewater Treatment Plant From 310,000 Gallons Per Day To 1,000,000 Gallons Per Day To Serve New Industrial Prospects And New Residential Areas In The City.
City of Guthrie	Guthrie - Wwtp Debt Reduction	SX21219010	This Project Will Reduce Principal Debt On The Guthrie Wwtp Bank Of New York And Capmark Loan Balance.
City of Trenton	Trenton - Wastewater Treatment Plant Expansion	SX21219011	This Project Will Replace The Trenton Wwtp. The Existing 125,000 Gpd Wwtp Was Built In 1967 And Will Require Many Improvements In Order To Meet Dow Standards And Does Not Allow For Expansion. In Order To Meet The Future Needs Of Adding New Sewer Connections It Would Be More Cost Effective To Construct A New 125,000 Gpd Wwtp Than Make Improvements To The Existing Antiquated Plant.

	Project Title	WRIS	Description
City of Elkton Legal Applicant	Elkton - Hwy 181 North Sewer Main Extension	SX21219012	This Project Will Extend Approximatley Five Miles Of 3" Sewer Force Main And Two Miles Of 6" Gravity Sewer Main From The City Of Elkton Along Hwy 181 North To The North Todd County Elementary School. This Project Will Eliminate The Schools Existing Package Treatment Facility.
Todd County Fiscal Court	Todd County Fiscal Court - Lake Malone Sewer Study	SX21219013	This Project Will Conduct A Preliminary Engineering Report To Explore The Development Of A Sanitary Sewer District To Include A Sewer Collection System And A Regional Wastewater Treatment Plant To Serve The Households In The Lake Malone Area In Todd, Logan And Muhlenberg County.
City of Elkton	Elkton - Sewer Collection System Rehabilitation	SX21219014	This Project Will Inspect And Make Needed Repairs And Replacements To Sewer Collection Lines Throughout The Citys Sewer System.
Todd County Fiscal Court	Todd County Fiscal Court/guthrie West Industrial Park Sewer Extension	SX21219015	This Project Will Extend 5,000 Lf Of 8" Force Main And Construct A Lift Station West Of Guthrie To Service A New Industrial Site.
Todd County Fiscal Court	Todd County Fiscal Court/guthrie Industrial Park Sewer Collection System	SX21219016	This Project Will Extend 8,000 Lf Of 8" Gravity Sewer Collection Lines In An Area West Of Guthrie To Service A New Industrial Site.
City of Cadiz	Cadiz Wastewater Treatment Plant Expansion And Renovation	SX21221001	This Project Consist Of Building A 297,000 Gallon Oxidation Unit And Repairing And Upgrading The Plant Air System.
City of Cadiz	Cadiz Sewer Main Replacement	SX21221002	This Project Will Replace An Existing 7000 Lf Of 10" Sewer Main With A New 20" Pvc Sewer Main.
City of Bedford Sewer Department	Duplex Pump Station	SX21223001	This Project Will Construct A Duplex Pump Station At The Trimble County Nursing Center. these Two Pumps Will Pump 150 Gpm.
City of Bedford Sewer Department	East Hwy 42 Extension	SX21223002	This Project Will Extend 300 Lf Of 8" pvc Gravity Line To 4 Homes.
City of Milton Water & Sewer Department	Treatment Plant Maintenance	SX21223003	This Project Will Replace Aeration Piping And Diffusors, In Addition To Upgrading The Flow Meter Output.
City of Milton Water & Sewer Department	Riverdale Force Main Upgrade	SX21223004	This Project Will Extend 1500 Feet Of 4" Pvc Sdr21. this Extension Replaces A 2" Force Main.
City of Milton Water & Sewer Department	Surge Tank	SX21223005	This Project Will Construct A 100,000 Gallon Surge Tank To Upgrade The Treatment Plant To Be Able To Handle City Growth.
City of Bedford Sewer Department	Bedford Wastewater System Expansion And 201 Facilities Plan	SX21223006	The City Of Bedford Proposes To Extend Sewers To The Bedford Healthcare Center Off Shepherd Lane Near Us 42. this Expansion Will Also Make Sewer Service Available To 9 Homes Along Us Highway 42 In Bedford. in Addition, The City Proposes To Make Needed Improvements At The Treatment Plant, Including The Construction Of A New Headworks Structure Rehabilitation Of The Existing Chlorine Tank And Needed Equipment. the Required 201 Facilities Plan Will Be Updated Once Construction Of The Improvements Is Completeand One Year'S Worth Of Data Is Available (per Kdow). this Project Amends Three (3) Projects Previously Submitted To The Kia Database: Sx 21223001 (duplex Pump Station), Sx 21223002 (east Hwy 42 Extension), And Sx21223007 (201 Facilities Plan).
City of Bedford	Bedford 201 Facilities Plan	SX21223007	The Current Facilities Plan Was Approved By Division Of Water In 1975. division Of Water Has Emphasized That An Update Is Mandatory Once The Wastewater Treatment Plant Headworks Project Is Completed And Operational. this Should Occur By The End Of 2004. the Facilities Plan Will Consider The Current Wastewater Needs, Future Demands, Needed Infrastructure Improvements And Prioritize Capital Needs.

	Project Title	WRIS	Description
City of Sturgis Legal Applicant	Sturgis Sewer Rehab Project	SX21225003	<p>With A Population Of 1,647, The City Of Sturgis Struggles To Maintain An Ailing Sanitary Sewer System. age Is A Significant Source Of The Deterioration, For 95% Of The System Lines Are More Than 20 Years Old. since The Late 1990s, Inflow-Infiltration (i/i) Problems Have Plagued The System, And In September Of 1998, Sturgis Entered Into Agreed Order 98114 With The Kentucky Division Of Water (dow). to Comply With The Stipulations Of The Agreed Order, And To Strengthen The System For Their 675 Households/residential Customers, 53% Of Whom Are Low And Moderate Income, The City Pursued Measures To Determine The Source Of The Ill Problems. in February Of 1998, A Sewer System Flow Monitoring And Infiltration Analysis Was Completed, And Later That Same Year Reports On Smoke Test Inspection And Cctv Inspection Were Finished As Well. based On The Findings From These Reports, The City Conducted Tv Inspection Of 49,962 Linear Feet Of Sewer System Mains. the City Also Undertook Point Repairs In Several Manholes, Which Addressed Larger Leaks In The Manhole Walls And Around Incoming Pipes. in Early 1999, The City Completed A Project That Eliminated An Open Inlet. to Cover The Expenses Associated With All These Efforts, The City Utilized Over \$100,000 Of Its Own Funds. exhibiting Great Commitment To Solving The Ill Problems, Sturgis Experienced Some System Improvements, And The Agreed Order Is Considered "closed By Enforcement" At This Time. unfortunately, Line Extension And Tap-On Bans, Remnants Of The Agreed Order, Remain In Effect For Sturgis. in Late 2006, The City Experienced A Setback With The Discovery Of A Collapsed Sewer Line On King Street. the City Of Sturgis Worked With Their Engineer, Hunter Martin & Associates, To Determine The Full Extent Of Rehabilitation Work Necessary To Raise The System To An Optimum Performance Level. considering All Major Problem Areas, The Engineer Pursued A Phased Approach To The Rehabilitation Work, Designating The First Two Phases To Address The Worst Areas Of The System. the Method Of Sewer Main And Manhole Rehabilitation Recommended Is Cured-In-Place Liners. the Cost Estimate Of All Phases Totals Nearly \$4.5 Million. for This Reason, The City Worked Diligently With Their Engineer And Division Of Water To Ensure That The First Two Phases Of The Project, Estimated At Almost \$3 Million And Involving Rehab Of Approximately 48,562 Linear Feet Of Sewer Line, Will Lift The Sanctions Against The City. this Approach Will Ameliorate Strain On The Treatment Plant By Reducing The Level Of I/i; Fortify The System, Including The Treatment Plant, Adding To Its Longevity And Resulting In Substantial Improvements To The Customers' Service; And Offer The City More Time To Seek Additional Funding For Completion Of The Final Rehabilitation Phases In The Future.</p>
City of Morganfield	Camp Breckenridge Sewer Rehab	SX21225006	This Project Will Rehab Sewer Mains Beginning At The Sewer Treatment Plant And Running To Marshall Road.

	Project Title	WRIS	Description
City of Morganfield Legal Applicant	Morganfield Combine Sewer Separation Project	SX21225007	This Project Will Construct Storm Drainage, Sanitary Sewers, And Water Lines Throughout Morganfield In Six Phases. phase One Includes Construction Of Storm Drainage, Sanitary Sewers, And Water Lines Along Morgan St., E. Morton St., & North Court. phase Two Includes Construction Of Storm Drainage, Sanitary Sewers, And Water Lines Along E. Morton & Morgan, And E. Mcelroy & Morgan. phase Three Includes Storm Drainage And Sewer Construction Along E. Mcelroy & N. Morgan-E. O'Bannon & N. Morgan. phase Four Includes Storm Drainage And Sewer Construction Along O'Bannon St., E. Morton, And N. Court. phase Five Includes Storm Drainage And Water Line Construction Along Morgan St., E. Morton, Casey, Brady, E. Manning, N. Morton, & E. Mcelroy. phase Six Includes Water Line Construction Along O'Bannon St. Between Morgan St. & S. Chapman Road. this Project Will Serve Approximately 100 Underserved Households. see Profile Number Wx21225014 For A Description Of The Water Project.
City of Uniontown	Pine Street Sewer Line Replacement	SX21225008	About 600 Linear Feet Of The Current Gravity Flow Sewer Line On Pine Street, From Manhole To Manhole Between 4th And 5th Streets, Collapses And Has Been Patched. this Project Proposes The Replacement Of This Line. it Will Improve Service To Approximately 100 Underserved Households.
City Uniontown	Uniontown Sewer Loan Payoff	SX21225009	This Project Would Allow The City Of Uniontown The Ability To Meet The Monthly Payments Of \$3252.64 On A Sewer Debt Loan That Has Been In Existence Since The Early 1980s. the Loan Was For The Treatment Plant. because The Loan Puts A Large Strain On The City'S Budget, Rates Are Raised Frequently. this Project Would Prevent Such A Frequent Raising Of Rates.
City of Uniontown	Uniontown System Improvements--upgrade Sewer Station Pumps	SX21225010	This Project Proposes The Replacement Of Sewer Lift Station Pumps At The Young Street Station (on Young Street Between Second Street And Hwy 360), Jackson'S Station On The Corner Of Adams And Sampson Street, Ballpark Station Located On Pike Street Between Seventh And Eighth Streets, The Station At The Lagoons, And The Station At Main Street. in Addition, This Project Proposes The Purchase Of A Mobile 6" Diesel Pump With Hoses. not Only Will This Project Improve Drainage, But It Will Also End The Current Problems Of Leakage And Odor. all 525 Households That Currently Receive Sewer Service Will Benefit.
City of Uniontown	Uniontown, Cottingham Acres, & Alliance Coal Sewer Extensions	SX21225011	This Project Will Extend Sewer Service To A Coal Prep Plant On Hwy 360 And Extend Sewer Service To Cottingham Acres And New Coal Facility On Ky 1179.
City of Sturgis	Sturgis Wastewater Treatment Plant Upgrade	SX21225012	In The Past Year The City Has Exceeded Several parameters Of Its Kpdes Permit. in August 2008 A Site Visit Was Made by The Kentucky Division Of Compliance Assistance. Several Issues Were Noted To Help Alleviate Compliance Problems Including; (1) Install Valves On The Influent For Better Control of treatment By Bypassing And Re-Circulation; (2) Dredge Lagoons And Oxidation Ditch To Remove Excess Sludge; (3) Replace activated Sludge To Attain Better Treatment; (4) Replace Lagoon Liners; (5) Replace Bearing In Aerator In Oxidation Ditch, And; (6) Replace Miscellaneous Electrical Equipment And Repair As Necessary, I.e. Automatic Switchover Of Auxiliary Power, Etc.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu - Pascoe Pump Station & Force Main	SX21227001	This Is An Existing 410 Gpm Sewer Pumping Station Constructed In 1996 With Extra Capacity To Handle Additional Flows. now It Is Overloaded Due To Growth In The Area. it Is Anticipated The Area Along Three Springs Rd Will Continue To Grow. this Station Replacement Will Be Necessary To Handle The Additional Flows. this Project Will Be Funded With More Than 50 Percent Local Funds.

	Project Title	WRIS	Description
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu - Hydraulic Model Legal Applicant	SX21227008	A Comprehensive Hydraulic Model Is An Extremely Important Tool To Be Used With Our Gis System. this Model Would Help Determine Areas For Rehabilitation, Overloading, And Future Demands Based Upon Regional Growth. it Would Also Be A Maintenance Tool To Identify Possible Overloading And Avoid Overloading Or Fines Associated With Such Occurrences. this Is A Proactive Tool To Provide Insightsful Planning, Operation, And Prventative Maintenance.
WARREN COUNTY WATER DISTRICT	Wcwd - Lift Station #3 And Lift Station #4 Upgrades	SX21227011	Upgrade Lift Station #3. convert Lift Station #4. construct New Force Main.
WARREN COUNTY WATER DISTRICT	Wcwd - Russellville Annex Phase 2 Sewer Extensions	SX21227012	Interceptor Sewers In The City Of Bowling Green And The Russellville Road Annex.
WARREN COUNTY WATER DISTRICT	Warren County Water District Parkway Interceptor- Phase 2 And Smallhouse Rd Lift Station	SX21227013	This Project Consists Of Approximately 26,000 Linear Feet Of Sanitary Sewer And Appurtenances And Lift Station(s) To Serve Commercial And Residential Properties Along Scottsville Rd (hwy 231) And Plano Rd. this Project Will Provide Sanitary Sewer Utilities To Previously Unserved Areas Which Are Rapidly Growing Along Scottsville Rd And Plano Rd. additionally, These Areas Are Scheduled To Receive Upgraded Transportation Facilities Which Will Likely Precipitate Additional Residential And Commercial Growth. the Commercial Growth In These Areas Will Result In Numerous New Jobs, And Without Construction Of These Sanitary Sewers, This Growth Will Not Be Possible. this Sanitary Sewer Extension Will Be Owned And Maintained By Warren County Water District.
WARREN COUNTY WATER DISTRICT	North Warren Sewer Improvements - Wcwd	SX21227014	This Project Consists Of Constructing 6.1 Miles Of Dual 12 Inch And 18 Inch Force Main Interceptors To Provide Service To The North Warren County Area. relieves Existing Interceptors That Are Over Capacity.
WARREN COUNTY WATER DISTRICT	Wcwd - Rockfield Sewer Extension	SX21227017	Interceptor Sewers To Rockfield Area With Collection System.
WARREN COUNTY WATER DISTRICT	Wcwd - Morgantown Road Sewer Extension	SX21227018	Interceptors To Provide Sewer Along Highway 231 West Of Natcher Parkway.
WARREN COUNTY WATER DISTRICT	Warren County Water District - Lovers Lane Sewer Extension	SX21227020	This Project Consists Of Approximately 3,550 Linear Feet Of 10-Inch Gravity Sewer And Appurtenances To Serve Commercial And Residential Properties Along Lovers Lane And Interstate 65. this Project Will Provide Sanitary Sewer Utilites To Previously Unserved Areas Which Are Rapidly Growing Along Lovers Lane. additionally, This Area Is Scheduled To Receive Upgraded Transportation Facilities Which Will Likely Precipitate Additional Residential And Commercial Growth. the Commercial Growth In This Area Will Result In Numerous New Jobs, And Without Construction Of These Sanitary Sewers, This Growth Will Not Be Possible. this Sanitary Sewer Extension Will Be Owned And Maintained By The Warren County Water District.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu - Interceptor Cleaning & Video	SX21227021	Two Major Interceptors Carry The Rural Flows To Support Regional Wastewater Service To Warren County. these Interceptors Serve The Louisville Road And The Nashville Road Areas. both Of These 24 Inch Lines Are Nearing Their Capacity. however; Recent Inspections Show That Both Interceptors Contain A Great Amount Of Grit And Silt That Has Built Up Over The Years. heavy Cleaning And Video Inspection Would Regain Some Of Their Capacity That Could Delay Expensive Replacement Of The Lines.
WARREN COUNTY WATER DISTRICT	Wcwd - Hidden River #1 Lift Station Upgrade, Phase 1	SX21227024	This Project Consists Of The Upgrade To The Hidden River #1 Lift Station Which Will Receive All Wastewater From The Hidden River And Surrounding Areas. this Project Will Provide Sanitary Sewer Service To Previously Unserved Areas. without Construction Of These Sanitary Sewers, Future Growth Will Not Be Possible. this Project Will Be Owned And Maintained By The Warren County Water District.

	Project Title	WRIS	Description
WARREN COUNTY WATER DISTRICT Legal Applicant	Wcwd - Sckip Lift Station Upgrade	SX21227027	This Project Consists Of The Upgrade To The Sckip Lift Station Which Serves Areas Surrounding Hwy 31w South. this Project Will Provide Sanitary Sewer Service To Previously Unserved And Underserved Areas. without Construction Of These Sanitary Sewers, Future Growth Will Not Be Possible. this Project Will Be Owned And Maintained By The Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wcwd - Connection To Industrial Dr. Interceptor	SX21227029	This Project Is Located Adjacent To Dishman Lane In Warren County. this Project Consists Of The Design And Construction Of 5,200 Ft Of 10 And 16-Inch Force Main To Connect Approximately Half Of The District'S Customers To A New Interceptor Sewer Line. this Project Will Accommodate Flows From Future Sewers To Be Installed By Private Developers. this Project Will Accommodate Future Developments In Southern Warren County. these Facilities Will Be Owned And Operated By Warren County Water District
WARREN COUNTY WATER DISTRICT	Wcwd - Hwy 68 West Lift Station Upgrade	SX21227030	This Project Consists Of The Upgrade To The Hwy 68 West Lift Station Which Serves The Hwy 68 West And Surrounding Areas. this Project Will Provide Sainitary Sewer Utilities To Previously Unserved And Underserved Areas. without Construction Of These Sanitary Sewers, Future Growth Will Not Be Possible. this Project Will Be Owned And Maintained By The Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wcwd - Extend 14-Inch Bgmu Force Main To Wwtp	SX21227031	This Project Consists Of Approximately 4,100 Linear Feet Of 14-Inch Force Main Sewer And Appurtenances To Extend The Existing Beech Bend Force Main To The Existing Bgmu Wwtp.
WARREN COUNTY WATER DISTRICT	Wcwd - Smiths Grove #1 Lift Station Upgrade	SX21227032	This Project Consists Of The Upgrade To The Smiths Grove #1 Lift Station Which Serves All Of Smiths Grove And Surrounding Areas. this Project Will Provide Sanitary Sewer Utilities To Previously Unserved And Underserved Areas. without Construction Of These Sanitary Sewers, Future Growth Will Not Be Possible. this Project Will Be Owned And Maintained By The Warren County Water District
WARREN COUNTY WATER DISTRICT	Wcwd - Elrod Road Lift Station Upgrade	SX21227034	This Project Consists Of The Upgrade To The Elrod Road Lift Station Which Serves The Elrod Road And Surrounding Areas. this Project Will Provide Sanitary Sewer Utilities To Previously Unserved And Underserved Areas. without Construction Of These Sanitary Sewers, Future Growth Will Not Be Possible. this Project Will Be Owned And Maintained By The Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wcwd - Pioneer Drive/twn Lift Station Upgrade	SX21227036	This Project Consists Of The Upgrade To The Pioneer Drive/twn Lift Station. this Will Improve The Reliability Of The Existing System. this Project Will Be Owned And Maintained By The Warren County Water District.
BOWLING GREEN MUNICIPAL UTILITIES	Lovers Lane Sewage System	SX21227039	This Area Is Currently Not Served By A Public Sanitary Collection System. the Undeveloped Property Contains Approximately 400 Acres With The Potential To Include An Additional 500 Acres In The Future. the Undeveloped Portion Consists Mostly Of Large Tracts. development Plans Have Been Or Are Soon To Be Prepared By The Land Owners. this System Would Be An Interceptor/pumping Facility That Would Serve The Collector Systems Internal To The Developments.
BOWLING GREEN MUNICIPAL UTILITIES	Relief Sewer To Pioneer Dr.	SX21227041	This Project Was Recommended By A Joint 201 Facilities Plan With Warren County Water District And Is Regional In Scope. after Warren County Water District Constructs A New Sewer Lift Station At Three Springs, The Combined Flows From Their Customers South Of The Parkway As Well As Bgmu'S Flow From The Cave Mill Road Pump Station Will Overload The Existing 15 Inch Interceptor On Nashville Rd. this Relief Sewer Would Divert Enough Flow To Our Existing Jennings Creek Interceptor To Prevent Any Overflows Along Nashville Rd.

	Project Title	WRIS	Description
Legal Applicant			
WARREN COUNTY WATER DISTRICT	Wc wd - Hidden River #1 Ls Upgrade, Phase 2	SX21227043	This Project Is Located Adjacent To Elrod Road In Warren County. this Project Consists Of The Design And Construction Of 5,200 Ft Of 10-Inch Force Main. this Project Will Accommodate Flows From Futrue Sewers To Be Installed By Private Developers. this Project Will Accommodate Planned Developments In The Hidden River Area. these Facilities Will Be Owned And Operated By Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd- rivendale Upgrades	SX21227044	This Project Is Located Adjacent To Porter Pike In Warren County. this Project Consists Of The Design And Construction Of Approximately 7100 Ft Of 8-Inch Force Main And The Reconstruction Of A Sewer Lift Station. as A Result Of This Project, Service Reliability Will Be Improved For Existing Customers. this Project Will Also Accommodate Planned Development In This Area. these Facilities Will Be Owned And Operated By Warren County Water District
WARREN COUNTY WATER DISTRICT	Wc wd- basil Griffin Park Lift Station, Phase 2	SX21227045	This Project Is Located Adjacent To The William H Natcher Parkway In Warren County. this Project Consists Of The Design And Construction Of Approximately 17000 Ft Of 12-Inch Force Main, And A Major Upgrade To A Sewer Lift Station. this Project Will Accommodate Flows From Sewers Installed By Private Developers. this Projcet Will Accommodate Futrue Developments In Southern Warren County. these Facilities Will Be Owned And Operated By Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd- odor Control Upgrades	SX21227046	This Project Consists Of Design And Construction Of Odor Control Facilities In Several Locations Within The System. facilities Will Be Installed At Critical Locations To Allow The System To Operate With Negligible Odors. as A Result Of This Project, Warren County Water District Will Be Able To Provide Improved Service To The Community. these Facilities Will Be Owned And Operated By Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd- natcher Interceptor, Phase 3	SX21227047	This Project Consists Of The Design And Construction Of Approximately 8,000 Feet Of 8" Force Main. the Main Will Transmit Wastewater From The Scottsville Road Area. without This Main Future Growth Will Not Be Possible. these Facilities Will Be Owned And Operated By Warren County Water District.
BOWLING GREEN MUNICIPAL UTILITIES	Bg mu - Emergency Generator For Jennings Creek Lift Station	SX21227048	Emergency Generator For Jennings Creek Lift Station: this Sanitary Sewer Lift Station Is Located Near The Confluence Of Jennings Creek And Lost River. the 24 Inch Gravity Main That This Station Receives Is Located In The Flood Plain Of Jennings Creek. if Power To This Station Was Interrupted For Any Extended Period An Overflow Into Jennings Creek/barren River Would Occur. this Generator Is Necessary In Order To Prevent That From Happening.
BOWLING GREEN MUNICIPAL UTILITIES	Bg mu - Emergency Generator For Old Mall Lift Station	SX21227049	Emergency Generator For Old Mall Lift Station: this Triplex Sanitary Lift Station Is Located Near The Intersection Of Campbell Lane And Nashville Road. this Area Is Known To Have Extensive Karst Formations. if This Station Were To Have An Extended Power Failure An Overflow Could Result And Quickly Impact The Groundwater System.
BOWLING GREEN MUNICIPAL UTILITIES	Bg mu - Emergency Generator For Riverwood Lift Station	SX21227050	Emergency Generator For Riverwood Lift Station: this Sanitary Lift Station Is Located Just Upstream From Our Water Plant Intakes. if This Station Were To Have An Extended Power Failure It Would Be A Short Time Before Raw Sewage Reached These Intakes. this Generator Is Critical Because The Water From These Intakes Is The Only Source For Bowling Green/warren County.
BOWLING GREEN MUNICIPAL UTILITIES	Bg mu - Mobile Generators	SX21227053	Mobile Generators: bg mu Currently Has 60 Sanitary Lift Stations In Our Service Area. five Of These Stations Are Large, Near 1000 Gpm. the Other 55 Stations Average From 100-300 Gpm. we Are In Need Of Two Smaller Generators 25-50 Kw That Could Serve As A Faster Response To These Stations In Case Of A Power Failure And Possible Overflow. these Generators Could Also Be Available For Any Emergency In Warren County.

Legal Applicant	Project Title	WRIS	Description
WARREN COUNTY WATER DISTRICT	Warren County Water District Combination Sewer Projects	SX21227054	This Project Is A Combination Of The Following Projects: Sx21227013 And Sx21227020. sx21227013: This Project Consists Of The Construction Of 26,000 Feet Of Sanitary Sewer And Lift Station(s) To Serve Residential And Commercial Properties Along Scottsville And Plano Roads. sx21227020: This Project Consists Of The Construction Of 5,400 Feet Of Sanitary Sewer To Serve Residential And Commercial Properties Along Lovers Lane.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu Wastewater Treatment Plant Expansion	SX21227055	This Project Will Be For The Renovation And Expansion Of The Existing Wastewater Treatment Plant. it Will Increase Capacity From 10mgd To 15mgd And Will Also Include Upgrades And Replacement Of Existing Outdated Parts And Equipment. request For Engineering Service Proposals Go Out For This Project In May 2007. the Plan Is To Upgrade The Dewatering Building By Mid 2008 With The Remainder Of The Renovations And Expansion To Be Completed In The Following 2-3 Years. this Expansion Was Reccomended By A 201 Regional Facilities Plan Update.
Warren County Water District	Wc wd - Hidden River Interceptor	SX21227057	This Project Consists Of The Design And Construction Of A 15-Inch Gravity Sewer Interceptor. this Line Will Replace An Existing Lift Station And Force Main Which Is Approaching Its Maximum Capacity. the Interceptor Will Be Located In A Rapidly Growing Area, And Without This Line Future Growth Will Not Be Possible. this Facility Will Be Owned And Operated By Warren County Water District.
Warren County Water District	Wc wd - Ewing Ford Lift Station Upgrade	SX21227058	This Project Consists Of The Design And Construction Of An Upgrade To The Existing Ewing Ford Lift Station. as The Area Served By This Lift Station Continues To Grow, The Station Will Reach Its Maximum Capacity And Require An Upgrade. this Project Will Provide The Required Increase In Capacity. these Facilities Will Be Owned And Operated By Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd - Memphis Junction Lift Station Upgrade	SX21227059	This Project Consists Of The Design And Construction Of An Upgrade To The Existing Memphis Junction Lift Station. as The Area Served By This Station Continues To Grow, The Station Will Reach Its Maximum Capacity And Require An Upgrade. this Project Will Provide The Required Increase In Capacity At The Lift Station And Consist Of The Construction Of A New Force Main. these Facilities Will Be Owned And Operated By Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd - Dillard Rd. Lift Station	SX21227060	This Project Consists Of The Design And Construction Of A New Lift Station And Force Main To Transmit Wastewater Flow In Southern Warren County. as The Nashville Road Corridor Continues To Grow, The Existing Wastewater Facilities Will Reach Their Maximum Capacity. this Project Will Provide The Required Increase In Capacity. these Facilities Will Be Owned And Operated By The Warren County Water District.
WARREN COUNTY WATER DISTRICT	Wc wd - Richpond Interceptor	SX21227061	This Project Consists Of The Design And Construction Of A 15-Inch Gravity Sewer Interceptor. this Line Will Replace An Existing Lift Station And Force Main Which Is Projected To Reach Its Maximum Capacity. the Interceptor Will Be Located In A Rapidly Growing Area, And Without This Line Future Growth Will Not Be Possible. this Facility Will Be Owned And Operated By Warren County Water District.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu - Jennings Creek Interceptor Rehabilitation Project	SX21227062	T Jennings Creek Interceptor Parallels A Wet Weather Creek In A Remote Area, And Is Susceptible To Inflow From The Creek. this Project Would Rehabilitate The Manholes And Replace The Current Manhole Castings With Watertight Castings.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu- cctv Assessment Of Sewer Basins	SX21227063	Pipeline Assessment Of Bgmu'S Oldest Sewer Basins. This Will Allow Bgmu To Schedule And Prioritize Rehabilitation In These Areas For Preventitive Maintenance.

	Project Title	WRIS	Description
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu-Briarwood Subdivision Sewer Rehabilitation	SX21227064	This Is An Old Established Neighborhood With Gravity Sewer Lines In The Backyard Of The Lots. These Lines Have Recently Been Assessed, And They Are Becoming Full Of Roots And The Pipe Is Collapsing. This Will Allow Us To Repair/replace This Pipe, To Create An Improved System.
Legal Applicant			
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu Wastewater Treatment Plant Biosolids Projects	SX21227065	Currently The Wwtp Disposes Of Its Sludge, By Hauling It To The Landfill. This Would Allow Bgmu To Create A Beneficial Reuse Of This Sludge By Turning It Into A Fertilizer.
BOWLING GREEN MUNICIPAL UTILITIES	Bgmu - Telemetry To Sewer Pump Stations	SX21227066	This Project Would Outfit The Remaining 39 Stations In Bgmu'S Sewer Collection System, With Scada Telemeter. This Would Allow Us To Monitor Pump Stations And Prevent Overflows In Residential Neighborhoods.
WARREN COUNTY WATER DISTRICT	Wc wd - Hunters Point Interceptor	SX21227067	This Project Consists Of The Design And Construction Of A New Gravity Sewer Interceptor. This Line Will Replace An Existing Sewer Line That Is Projected To Reach Its Maximum Capacity. the Interceptor Will Be Located In A Rapidly Growing Area, And Without This Line Future Growth Will Not Be Possible. this Facility Will Be Owned And Operated By Warren County Water District.
City of Springfield	Clearview Commerce Complex/springfield Wastewater Improvements	SX21229001	8-Inch Sewer Line Extensions To Various Lots And A 6-Inch Force Main. the Total Estimated Project Cost Is \$401,740.
City of Springfield	Springfield Wastewater Line Extension	SX21229003	This Project Will Construct A New Trunk Line To Areas Unserved By The Utility. the Line Connects Hwy 55 With Hwy 555. approximately 50 Households Will Now Be Served.
City of Springfield	Springfield, Jim Town Project	SX21229004	Extend Sanitary Sewer Into Unincorporated Regions Of Washington County.
City of Springfield	Willisburg Wastewater Project	SX21229005	This Project Will Create A Regional Wastewater Collectin System And Allow Of The City Of Willisburg To Have A Wastewater Infrastructure.
City of Springfield	Springfield Wastewater Project On By-Pass Hwy 150	SX21229006	This Project Is To Install Sewer Lines From South Of The Clearview Commerce Center Industrial Park To The North Side Of The New Highway 150 By-Pass. these Sewer Lines Will Be 8-Inch And Connect To The Existing 10-Inch Sewer Main. this Will Allow For The Development Of Light Industrial/commercial Use In The Area Where Private Sewer Systems Are Not Feasible Or Adequate. estimated Project Cost: \$300,000
City of Springfield	City Of Springfield Wastewater Replacement/upgrade	SX21229007	Repair Sewer Collection Lines To Help Eliminate In-Flow And Infiltration In The System. estimated Project Cost Is \$300,000.
	City Of Springfield Clearview Commerce Complex	SX21229008	8 Inch Sewer Line Extensions To Various Lots And A 6 Inch Force Main. the Total Estimated Project Cost Is \$401,740.
City of Springfield	City Of Springfield 150 Bypass East	SX21229009	Sewer Line Extensions To Unserved Areas And One New Pump Station. the Total Estimated Project Cost Is \$3,000,000.
City of Monticello	Monticello-Lincoln/highland Street Sewer Extension Project	SX21231001	Project Consists Of 7,000 Lf Of 8 Inch Sewer Main, 900 Lf Of 4 Inch Sewer Service Line, 41 Manholes, And One Lift Station To Serve 59 Residences On Lincoln And Highland Streets.
City of Monticello	Monticello Wastewater Treatment Plant Upgrade	SX21231002	Project Consists Of The Construcion Of An Head Works, Oxidation Ditch, Secondary Clarifiers, Chlorine Contact Chamber And Sludge Holding Tank. The Upgrade Will Allow Monticello'S Wwtp To Meet The Current Regulations.
City of Monticello	Monticello/hill Rise/beechn Valley/bean St. Lift Station Renovation	SX21231003	Project Consists Of Replacing Three Sewer Lift Stations And Appurtenances.
City of Monticello	Monticello/colonial Estates Sewer Line Extension	SX21231004	Project Consists Of Installing Approximately 8,700 Lf Of 8-Inch Sewer Line And Appurtenances For Sewer Collection.
City of Monticello	Monticello/ramsey St. Sewer Line Renovation	SX21231005	Project Consists Of Replacing Approximately 5,500 Lf Of 8-Inch Sewer Line And Appurtenances For Sewer Collection.
City of Monticello	Monticello/elk Creek Interceptor Sewer Line	SX21231006	Project Consists Of Replacing Approximately 19,500 Lf Of 10-Inch Sewer Line And Appurtenances For Sewer Collection.

	Project Title	WRIS	Description
City of Monticello Legal Applicant	Monticello/conley Bottom Sewer Transport System	SX21231007	Project Consists Of Installing Approximately 62,500 Lf Of 6" Force Main From The Conley Bottom Marina/lake Cumberland Reservoir To The City Of Monticello'S Wastewater Treatment Plant.
City of Monticello	Monticello Downtown Sewer Renovation	SX21231011	Project Consists Of Replacing 11,100 Lf Of Aging Sewer Lines With 8" Sewer Lines, Reconnection Of 145 Existing Sewer Customers And Two Sewer Pump Stations. Project Is To Be Built In Conjunction With Wx-21231006 Monticello Downtown Water Renovation. estimated Costs For Sewer Portion \$1,860,000; Water Portion \$2,330,000, For Total Estimated Costs Of \$4,190,000. 0-2 Year Start Date.
City of Monticello	Monticello – Hiland View Sanitary Sewer Extensions	SX21231012	Project Consists Of Installing 7,550 Lf Of 8" Gravity Sewer Lines To Serve 32 New Customers.
City of Monticello	Monticello – Western Monticello Sanitary Sewer Improvements	SX21231013	Project Consists Of Replacing 2,050 Lf Of Aging And Undersized Sewer Lines With 8" Gravity Sewer Lines Along With Reconnection Of 17 Existing Sewer Customers. project Also Consists Of Installing 3,200 Lf Of 10" Gravity Sewer Lines, 5,475 Lf Of 8" Gravity Sewer Lines, One (1) Grinder Pumping Station And 600 Lf Of 4" Force Main.
Wayne County Fiscal Court	Wayne County Ems - Lift Station	SX21231014	Project Will Construct A Lift Station To Serve A New Emergency Management Services Building.
City of Monticello	Muc-West Ky 90 Industrial Park Sewer Extension	SX21231015	Project Consists Of Approximately 10,100 Lf Of 6" Sewer Force Main And A Wastewater Pumping Station To Serve A New Industry Locating In The West Ky 90 Industrial Park. the Industry Will Create 250-500 New Jobs. the Total Estimated Cost Is \$794,000. 0-2 Year Start Date.
City of Monticello	Muc – Wastewater Treatment Facilities Improvements	SX21231016	Project Consists Of An Upgrade Of The Influent Pump Station, Addition Of Chemical Phosphorus Removal Facilities, Two New Aerobic Digester Basins, A New Force Main To Convey Sewage From The New Industrial Park To The Treatment Plant And A New Septage Receiving Station To Facilitate Septic Hauler Waste.
Webster County Fiscal Court	Webster County Sanitation Expansion Project	SX21233001	This Project Will Expand 1700 Feet Of Sewer Mains Out Hwy 132 East As Well As, 2500 Feet Out Hwy 132 West. this Project Will Also Expand 13,500 Feet Of Sewer Main Out Hwy 41a South & 17,000 Feet Of Sewer Main Out Hwy 41a North. the Installation Of Seven (7) Lift Stations Will Be Required Throughout The Project Area.

	Project Title	WRIS	Description
City of Clay Legal Applicant	City Of Clay Sewer Replacement Project	SX21233002	<p>The City Of Clay Currently Uses A Municipal Sanitary Sewer Constructed During The 1930'S By The Wpa. the Sewer Has Been Expanded, And It Was Upgraded In 1974; However, It Is In Dire Need Of Renovation To Adequately Serve The Residents Of Clay. The Existing Clay Wastewater Treatment Plant Is A 200,000 Gallon Per Day Aerated Facultative Lagoon. When The Weather Is Cold, The Plant Is Unable To Meet Nh3-N Limitations, And When The Weather Is Warm, The Plant Is Unable To Meet B0d5 Limitations. the City Has Attempted To Improve The Plant So It Meets Compliance Expectations; However, These Efforts Have Only Made Marginal Differences. the Clay Wastewater Plant Violates Effluent Limitations Contained In Its Kpdes Permit, And The Plant Currently Operates Under Agreed Order Number 98171. there Are Failed Septic Systems In Unsewered Areas, As Well. the Webster County Health Department Notes There Are Approximately 22 Failing Septic Tanks In The Area. the Current Combined Rate For Water And Sewer Totals \$44.96. the Proposed Project Involves Construction At The Existing Treatment Plant With Outfall Relocation To The Tradewater River And A New Hydrograph Controlled Release Lagoon, And Adding Collector Sewers For The Highway 109, Henry Drive And Highway 132 Areas. the Project Has Been In Development For Six Years, With The Search For Funding. the City Has Diligently Pursued Funding Throughout This Time. because Of This, They Received \$867,300 In A 2003 Special Appropriation From The Environmental Protection Agency. that, Along With The City'S Loan, Will Cover The Required \$1,000,000 Match For Cdbg Funds. the Plans, Submitted By The City'S Engineer, Were Recently Approved By The Division Of Water, The City'S Loan Has Been Secured, And The Project Will Be Ready To Proceed In The Event The City Receives Cdbg Funds From The Governor'S Office For Local Development. with Each Passing Year, The Project Costs Increase, So The City Hopes To Proceed With Grant Funds Soon. city Officials And Residents Are Very Concerned If A Loan Becomes Necessary For The Remaining \$1,132,700, Many Of The City'S Residents Will Be Unable To Pay Their Sewer And Water Bills, Because Many Of The Residents Are Low-To-Moderate-Income Individuals. according To Income Surveys, Over 55% Of The Households Surveyed In The Random Sample Were Considered Lmi. easement Collection Has Begun In Order To Ensure The Project Is Ready For Quick Bidding, If Cdbg Grant Funds Are Awarded. however, The Easements Are Contingent Upon Cdbg Grant Funding, Per Gold Instructions. since An Agreed Order Was Issued By Dow, The City Hopes To Proceed Quickly With The Project To Clear Up This Order And Best Serve Its Residents With These Urgent And Required Infrastructure Improvements.</p>
City of Providence	Providence Sewer Line Upgrade	SX21233003	<p>Hb# 367. this Project Involves The Installation Of A 4" Force Main And 8" Sewer Collector Mains Along Hwy 293 To Serve Approximately 20 Households. one Lift Station Will Be Required To Complete This Extension And A New Wetwell.</p>

	Project Title	WRIS	Description
City of Providence Legal Applicant	Baptist Hill Sewer Main Extensions	SX21233005	This Project Will Extend Sewer Collector Mains To Residents Located Along Mitchell Street, Tower Drive, Baptist Hill, Wedgewood, And Lake Road. this Component Of The Project Will Also Provide Service Lines To The Homes In These Areas. in Addition, The Project Will Involve Components Of The Evergreen Project, Including Installation Of A 4 Inch Force Main And 8 Inch Sewer Collector Mains Along Hwy 293, Serving 20 Households. one Lift Station And A Wet Well Are Required To Complete The Extension. for Mapping Of The Evergreen Portion Of The Project, Please View The Profile For Sx21233003. excess Funding From This Project (from The Hb 380 Community Development Grant In The Amount Of \$950,000) Will Be Used To Start The Olive Street And Leeper Lane Sewer Line Extensions Project (sx21233012). right Now It Is Estimated That Approximately \$453,956 From The Grant Will Be Used To Start This Project.
Webster County Fiscal Court	Dixon Sewer To Pioneer Plastics	SX21233007	This Project Will Involve The Construction Of Approximately 1.5 Miles Of Force Main From Pioneer Plastics To The Dixon Sewer System. project Will Also Include The Construction Of Three Lift Stations.
City of Wheatcroft	Wheatcroft Sewer Collection System Project - Phase I	SX21233008	This Project Involves Developing A Preliminary Engineering Plan That Will Allow The City Of Wheatcroft To Construct A Sanitary Sewer System To Serve 75 City Residents. currently, Residents Are Utilizing Onsite Systems That Are Failing. in Many Areas, Residents Are Using Underground Mine Shafts To Dispose Of Their Wastewater. the City Hopes To Contract With The City Of Clay For Wastewater Treatment.
City of Providence	Providence Sewer Loan Payoff	SX21233010	This Project Will Assist The City Of Providence In Paying Down The Kia Debt Service On The Existing Wastewater Treatment Plant.
City of Providence	Providence Sewer/storm Water Infiltration Testing	SX21233011	This Project Proposes The Testing Of Sewer Lines Throughout The Providence System To Locate The Problem Areas Of Storm Water Infiltration. testing Will Start Around The Older Areas Of The System (those Still Utilizing Pre-1990, Clay Lines) And Will Continue As Long As Funding Is Available. results From The Testing Will Be Used To Determine The Areas Of The System That Must Be Rehabbed. this Project Will Also Include Pursuing A Process Of Dewatering And Dredging Waste To Prevent Sewer Solids From Washing Out During High Volume Water Infiltration Events. at The Conclusion Of All Smoke Testing And Camera Work, The City Will Utilize Remaining Funds To Purchase Equipment (including Sewer Pipe, Manhole Materials, And A Small Camera System) To Begin Addressing The Infiltration Problems Identified From The Testing Process.
City of Providence	Olive Street And Leeper Lane Sewer Line Extensions	SX21233012	This Project Proposes The Extension Of Approximately 10,560 Linear Feet Of 8 Inch Pvc Sewer Line Along Olive Street, Leeper Lane, Highland Avenue, And The Cross Streets Between Olive Street And Highland Avenue. a Lift Station Will Be Needed For This Project. At An Estimated Cost Of \$2,000,000, This Project Will Serve Approximately 125 Unserved Households.
City of Clay	E. Railroad St. Sewer Rehab Project	SX21233013	This Project Will Rehab The Sewer Line Running From E. Railroad St. To The Lift Station To Mitigate Ill Problems. this Project Will Also Replace Five Manholes.
City of Providence	Hudson Lift Station Rehab	SX21233014	This Project Will Replace A Lift Station Near The Hudson Subdivision To Increase The Capacity.
Webster County Fiscal Court	Dixon Sewer Lift Station And Manhole Rehab	SX21233015	This Project Will Rehab Numerous Lift Stations And Manholes Within The Dixon Sewer Collection System, Which Is Owned By The Fiscal Court. this Project Is In It'S Preliminary Planning Stages. the First Phase Will Be A Planning And Evaluation Phase Of The System. the Second Phase Will Involve Construction, Based On The Findings From Phase I.

	Project Title	WRIS	Description
Webster County Fiscal Court Legal Applicant	Webster Co. Sewer Maintenance Equipment	SX21233016	This Project Involves The Purchase Of Camera Equipment, Jetter Truck, And Vacuum Truck To Aide The Sewer Systems Located In Webster County In Identifying Problem Areas In Their Collection Systems. there Are Four Sewer Systems In The County: city Of Clay, City Of Providence, City Of Dixon, And The City Of Sebree.
Webster County Fiscal Court	Diamond Area Sewer Study	SX21233018	This Project Proposes The Pursuit Of A Study To Determine The Best Method For Extending Sewer Service To The Diamond Area Of Webster County. extending Sewer Service Could Benefit Approximately 175 Households.
City Utilities Commission	City Of Corbin Sewer Collection System For Tattersall Subdivision	SX21235115	Sewer Collection System For Tattersall Subdivision To Serve 300 Households, With Failing Septic System. Project Consists Of Gavity Main Sewer,force Mains Ans Six Pump Stations.
City of Corbin	Corbin - Southeast Ky Ag & Exposition Center Wastewater Line Extension	SX21235116	Extension Of Approximately 1045 Lf Of 8" Inch Ductile Iron Sewer Line To Provide Municipal Sewer Treatment To The Exposition Center.
City of Williamsburg	City Of Williamsburg Wastewater Extension(1206)	SX21235210	Extension To Areas Outside Williamsburg'S City Limits
City of Williamsburg	City Of Williamsburg Estimated 350	SX21235212	Extension To Areas Around The City Limits Of Williamsburg
City of Williamsburg	Williamsburg: Wastewater Extension Project	SX21235214	Extend Sewerlines To Unserved Areas
City of Williamsburg	City Of Williamsburg - Us 25/ky, 92 Sewer Extensions	SX21235217	Construction Of Approximately 3,200 Feet Of 8-Inch Pvc Sewer Line To Serve 15 Unserved Customers On Us 25 E And Ky 92.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant At Pleasant View/cane Creek/wolf Creek	SX21235218	Construct A Package Treatment Plant And Extend 15.8 Miles Of Sewer Line To Serve Pleasant View/cane Creek/wolf Creek Communities.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant And Wastewater Line To Mt. Ash/saxton/buck Creek	SX21235219	Construct A New Package Treatment Plant And Extend Ten Point Eight (10.8) Miles Of Wastewater Lines To The Communities Of Mt. Ash/ Saxton/buck Cre In Whitley County.
Whitley County Fiscal Court	Whitley County: Sewerline Extension From Jellico To Fairview	SX21235220	Extend 6.8 Miles Of Sewer Line From Jellico To Serve Fairview Community.
Whitley County Fiscal County	Whitley County: Wastewater Line Extension To Wofford Community	SX21235221	Extend Ten Point Eight (10.8) Miles Of Wastewater Lines To The Communities Of Mt. Ash/saxton/buck Creek In Whitley County.
Whitley County Fiscal Court	Whitley County: Wastewater Line Extension To Hanging Rock Community	SX21235222	Extend Five (5)miles Of Wastewater Lines To Hanging Rock Community In Whitley County.
Whitley County Fiscal Court	Whitley County: Sewerline Extension From Corbin To Devils Creek/frankfort School/bee Creek/spruce Creek	SX21235223	Extend wastewater Lines From Corbin To Devils Creek/frankfort School/bee Creek/spruce Creek Communities Of Whitley County.
Whitley County Fiscal Court	Whitley County: Wastewater Line Extension To Clio Airport	SX21235224	This Project Proposes To Extend 15.7 Miles Of Wastewater Line To Clio Airport From The City Of Williamsburg.
Whitley County Fiscal Court	Whitley County: Sewerline Extension From Jellico To Black Oak/proctor Hollow/kenesee Hollow	SX21235225	This Project Proposes To Extend Approximately 9.2 Miles Of Sewer Line From Jellico To Black Oak/proctor Hollow/kenesee Hollow Communities Of Whitley County.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant And Wastewater Line To Canadatown/piney Grove/river Road	SX21235226	Construct A New Package Treatment Plant And Extend 36.5 Miles Of Wastewater Line To Canadatown/piney Grove/river Road In Whitley County.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant And Wastewater Line Extension To Rockholds	SX21235227	Construct A New Package Treatment Plant And Extend 29.3 Miles Of Wastewater Lines To Rockholds Communities.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant And Wastewater Line Extension To Gatliff	SX21235228	Construct A Package Treatment Plant And Extend 32.6 Miles Of Wastewater Line To Gatliff Community In Whitley County.
Whitley County Fiscal Court	Whitley County: Package Treatment Plant And Wastewater Line Extension To Maple Creek/maple Creek Subdivision	SX21235229	Construct A Package Treatment Plant And Extend Wastewater Line To Maple Creek/maple Creek Subdivision Communities In Whitley County.

Legal Applicant	Project Title	WRIS	Description
City of Williamsburg	Williamsburg/cumberland Falls Sewer Improvements	SX21235230	The City Proposes To Extend Sewer Service From The Present End Of Their Municipal Sewer System @ Goldbug, Along Us25w To The Ky.us25w Intersection.this Project Offers The Opportunity To Provide Sewer Service To Approximately 130 Residences And Businesses Along The Route. Also Included Is The Replacement Of The 0.200 Mgd Wwtp At The Cumberland Falls Srp.
City of Williamsburg	Williamsburg - Downtown Sewer Rehabilitation	SX21235231	Repair/replacement Of Various Sewer Lines And Appurtenances Including Pump Station In And Around The Downtown Area.
City of Campton	West Campton Sewer Expansion Project	SX21237001	Sewer Line Extensions To The Area West Of The City Of Campton.
City of Campton	Campton - Ky Route 15 Extension	SX21237002	Sewer Line Extensions To 26 Residences Along Hwy 15 West Of The City Of Campton.
City of Campton	Campton Lake Area Sewer Extensions	SX21237003	Sewer Line Extensions To Area Just North Of The Campton Lake.
City of Versailles, Kentucky	Versailles Wastewater System Improvements	SX21239001	This Project Consists Of Wastewater Collection System Improvements That Includes 39,400 Linear Feet Of Interceptor Sewers (8" Through 36") Four New Wastewater Pumping Stations, 11,800 Linear Feet Of Force Main (12" Through 18") And The Decommissioning Of Eight (8) Existing Wastewater Pumping Stations. the Project Also Includes Wastewater Treatment Plant Improvements To Improve Stabilization, Dewatering And Disposal Of Biosolids.
City of Midway	City Of Midway-Sewer Extension To Weems Property	SX21239002	The Weems Property (8.292 Acres) Is Zoned B-5 And Is Surrounded On 3 Sides By Ky 341, Us 421, And The I-64 Egress Road. utilities Must Be Provided To The Property Before It Can Be Developed. sewer Is All That Is Not Available At This Time. The Gravity Sewer Line Will Bore And Jack Under Ky 341, Be Constructed As A Line Along The North Right Of Way Of Us 421 To The Fire Station Access Road, Bore And Jack Under Us421 And Travel Diagonally Across The "foggie" Property Corner Where It Will Bore And Jack Under Us 62 To A Main Tie-In On Parrish Hill Farm.
City of Midway	Midway Brand Street Sewer Rehab Project	SX21239003	The Project Will Lay Approximately 3000' of 10" Sewer Line. the Existing Line Is Undersized. during Rain Events, Sewage Will Overflow Onto The Streets. this Project Will Eliminate This Discharge By Laying A Parallel Larger Diameter Sewer Line Along Stephens, Brand, And Warfield Streets, Starting At Smith Street.
City of Midway	Midway Phase I Sewer System Rehabilitation Project	SX21239004	This Project Will Rehabilitate Sewer Line In Various Parts Of Midway. during Rain Events, Sewer Lines Surcharge From Rain Water Entering The Sewer Lines From Downspouts, Sump Pumps, And Infiltration/inflow. this Causes Sewage To Overflow Onto The Streets. this Project Will Commence The Elimination Of These Problems. during Certain Rain Events, Flows At The Wwtp May Increase From An Average Daily Flow Of 125,000 Gpd To 700,000-750,000 Gpd.
City of Versailles	Emergency Backup Power To Serve The Wwtp	SX21239005	This Project Would Be To Construct And Install A Backup Power System (standby Generator) For The Primary Systems At The Wwtp.
City of Versailles	Southeast Sewer System Expansion	SX21239006	Extend Sewer Service Across The Bg Parkway To Serve The Sycamore Estates, Gaybourn And Hidden Springs. this Project Will Consist Of Approximately 59,600 Feet Of 8" Gravity Sewer, 250 Manholes, 6,300 Feet Of 4" Force Main, 13,100 Feet Of 8" Force Main, And Four New Pump Stations.
City of Versailles	Wastewater Treatment Plant Expansion	SX21239007	Expand The Existing Wwtp To 4.5 Mgd By Adding New Screenings Building, Grit Removal, Oxidation Ditch, Splitter Boxes, Clarifiers, And Chemical Feed Systems.
City of Versailles	Ultra-Violet Disinfection Wastewater Treatment Plant	SX21239008	This Project Will Replace The Existing Chlorine Cylinders That Are Used For Disinfection, With A Safer Ultra-Violet Disinfection System.
City Utilities Commission	City Of Corbin Whitley Wastewater Extension	SX21253110	Extension Of Sewer Lines Into Whitley County From The City Of Corbin

	Project Title	WRIS	Description
City Utilities Commission of Corbin Legal Applicant	Corbin - Sanitary Sewer Extension Along Boone Avenue And Greendale Street In Laurel County, Kentucky	SX21253111	Sanitary Sewer Extension Along Boone Avenue And Greendale Street In Laurel County, Kentucky
City Utilities of Corbin	Corbin - Sewer Extension To Moore Hill (ky 830)	SX21253112	Sanitary Sewer Collection System For More Hill (ky 830)and Kennedy Avenue Road In Knox County, Kentucky Area Has Failing Septic System.
City Utilities Commission of Corbin	Corbin - Sanitary Sewer Line Extension To Scenic Heights	SX21253113	Sanitary Sewer Collection System For Scenic Heights In Corbin, Kentucky
City of Harlan	Harlan - Carton Creek Sewer Phase II (was Sx21095052)	SX21253115	The City Of Harlan Is Keeping With The Original Stated Intent Of The New Harlan Regional Wastewater Treatment Plant Proposing To Extend Sewer Lines To A Densely Populated Rural Area Adjacent To The Harlan Sewer Collection System. In This Phase II Proposal The City Is Requesting Pride Funds To Construct Gravity Collection Line For The Purpose Of Providing Municipal Sewer Service To The Approximate 325 Residences In The Communities Of Pope Hill, Lower Elcomb, Teeterville, Meadow Brook Estates, Caball Estates, And Cartons Valley. Of The 325 Homes, Approximately 75 Have Straight Pipes And Over 150 Utilize Failing Septic Tank System. Since The Area's Ground Water Is Close To The Surface, Most Of The Raw Sewage Perks To The Top Of The Ground And Into Ditch Lines And Low Areas, Thus Posing A Severe Health Hazard To The Residents (particularly Young Children And Elderly). All Of The Raw Sewage Eventually Flows Into Cartons Creek, Which Flows Directly Into The Martins Fork Of The Cumberland River. In One Particular Community (pope Hill) Approximately 40 Homes Are All Connected To One Main Sewer Pipe Leading Directly To Cartons Creek. One Important Aspect Of This Phase II Project Is The Fact That The Entire Area To Be Served Is Within A 2.5 Miles Stretch From The Existing Collection System Running Along A Major Tributary Of One Of The Forks Leading To The Cumberland River.
City of Harlan	Harlan Pride Sewer - Phase III - Sunshine, Grays Knob And Phase III Of Catrons Creek	SX21253116	Extension Of Sewer Lines In These Distinct Areas Adjacent To The City Of Harlan. Each Of The Three Areas Are Of Concern Due To The Number Of Straight Pipes, Failing Systems And Aging Package Treatment Plant.
	Test Project	SX29999999	Test Project Description

APPENDIX E
CALL FOR PROJECTS LETTER



KENTUCKY INFRASTRUCTURE AUTHORITY

Steven L. Beshear
Governor

1024 Capital Center Drive, Suite 340
Frankfort, Kentucky 40601
Phone (502) 573-0260
Fax (502) 573-0157
<http://kia.ky.gov>

John E. Covington III
Executive Director

October 3, 2008

Dear Sir or Madam:

Do you have a wastewater, stormwater, or nonpoint source project that will need funding during the 2010 state fiscal year? If so, we want to hear from you. Your project may be eligible for a low interest loan to partially or even fully fund your next eligible project. Clean Water State Revolving Fund (CWSRF) loans can be used to match grants from Community Development Block Grant (CDBG), Appalachian Regional Commission (ARC) and the Environmental Protection Agency (EPA). We also partner on projects that have U.S. Rural Development (RD) funds and state appropriation line items.

To be eligible for a low interest CWSRF loan, your project MUST be ranked and listed on the 2010 CWSRF Project Priority List developed by the Division of Water (DOW). It's easy to get on this list. All you have to do is download the *CWSRF Project Questionnaire Form*, a Word document, complete the form and send it to DOW. While electronic submittals are preferred, you can complete the form and mail it back. Pick the option that is best for you. The Division of Water (DOW) will use the *Kentucky Integrated Project Priority Ranking System (IIPRS)* to rank all eligible projects that are submitted. The questionnaire form and other related documents are available to be viewed and downloaded at the DOW website at www.water.ky.gov/publicassistance/funding/cwsrf/cwsrf_iipr.html or the KIA website at www.kia.ky.gov.

Completed *CWSRF Project Questionnaire Forms* must be received by DOW no later than 4:30 PM eastern time, on December 5, 2008. All hardcopies should be mailed to: CWSRF COORDINATOR, LOLA LYLE, DIVISION OF WATER, WATER INFRASTRUCTURE BRANCH, 200 FAIR OAKS, 4TH FLOOR, FRANKFORT, KENTUCKY 40601. If submitting a hardcopy only, please allow additional time for mailing.

If you have projects on the 2009 CWSRF Project Priority List that have not been funded and wish for these projects to be carried over to the 2010 CWSRF Project Priority List, please send a letter listing the projects to be carried over to the 2010 Project Priority List by December 5th or send an email to Lola Lyle at lola.lyle@ky.gov. *CWSRF Project Questionnaire Forms* do not need to be resubmitted for projects already on the 2009 Project Priority List, but forms must be submitted for any new projects or carryover projects with significant scope changes. Additionally, only those projects that can start construction by June 30, 2010 will be considered for funding.



The Kentucky Infrastructure Authority will offer three interest rates for the CWSRF program. The standard rate of 3% will be available for borrowers with a median household income (MHI) at or above \$33,672, the MHI of the Commonwealth from the 2000 Census. A 2% rate will be offered to borrowers whose MHI is between \$33,672 and \$26,937 (80% of the Commonwealth MHI). The 2% rate will also apply to those projects that facilitate compliance with an order or judgment addressing environmental non-compliance or those systems that are considered regional. To qualify for the 1% rate, the borrower must have a MHI less than \$26,937.

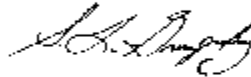
Enclosed with this mailing is a brochure highlighting the Sustainable Infrastructure (SI) initiative launched this year by EPA and the Kentucky Division of Water. Please review the materials keeping in mind that in future years, SI may be incorporated into the permit structure allowing for your project to attain a higher ranking on the CWSRF Project Priority List. The DOW encourages you to contact them with any questions or feedback regarding the SI initiative.

If you have questions about completing the questionnaire, please contact Lola Lyle of DOW at lola.lyle@ky.gov or at (502) 564-3410. For more information on loan requirements, terms or eligibility of the program contact Sandy Williams of KIA at sandy.williams@ky.gov or (502) 573-0260.

Sincerely,



John E. Covington, Executive Director
Kentucky Infrastructure Authority



Sandra Gruzetsky, Director
Division of Water

APPENDIX F

INTEGRATED PROJECT PRIORITY RANKING SYSTEM (IPPRS)

KENTUCKY INTEGRATED PROJECT PRIORITY RANKING SYSTEM

For Wastewater, Stormwater and Nonpoint Source Projects
Eligible To Be Funded By The

KENTUCKY CLEAN WATER STATE REVOLVING FUND

**August 2006
Revised September 2008**



**ENERGY AND ENVIRONMENT CABINET
Department for Environmental Protection
Division of Water**

200 Fair Oaks Lane – 4th Floor
Frankfort, Kentucky 40601
Phone: (502) 564-3410
Fax: (502) 564-9003
www.water.ky.gov

Kentucky Integrated Project Priority Ranking System

Table of Contents

I.	Introduction	1
II.	Identifying and Ranking Water Quality Priorities	2
	A. Compliance with the Clean Water Act and KRS Chapter 224	2
	B. Impact On Existing Drinking Water Supplies	4
	C. Outstanding Resource Waters	5
	D. Populations To Be Served That Presently Do Not Have Sewers Available....	5
III.	Summary of Points System Used to Establish Project Priority Ranking	5
IV.	Developing and Updating the Project Priority List and Intended Use Plan	6
V.	Eligible Project Applicants	6
VI.	References	6
VII.	Kentucky Division of Water State Priority Watersheds	7

Kentucky Integrated Project Priority Ranking System

I. Introduction

The Federal Water Pollution Control Act of 1956 provided a strong role for the federal government in the construction of publicly owned wastewater treatment works. The amendments enacted in 1972, commonly referred to as the Clean Water Act (CWA), expanded the level of federal aid and increased the federal grant share in an effort by Congress to speed up the pace of construction of wastewater treatment facilities and eliminate the backlog of needed facilities. The 1977 Amendments to the Clean Water Act directed the Environmental Protection Agency (EPA) to delegate most of its construction grants management functions to the states. EPA continued to provide funds for grants to local governments to construct wastewater treatment facilities through federal fiscal year (FFY) 1990. The Water Quality Act of 1987, which amended the CWA, authorized EPA to make capitalization grants to each state for the purpose of establishing a water pollution control revolving fund for providing financial assistance for projects that protect and restore water quality, including publicly owned treatment works (POTWs), nonpoint source pollution control and estuary management. EPA made capitalization grants beginning in FFY 1987; however, when federal funding ends, the Clean Water State Revolving Fund (CWSRF) is to be maintained in perpetuity by the state to replace the previous federal participation.

The Kentucky General Assembly enacted House Bill 217 during the 1988 legislative session, which established the CWSRF as an enduring and viable fund. This fund is intended to allow the Commonwealth of Kentucky to qualify for the federal CWSRF capitalization grants. The CWA requires in section 602 a state match to be deposited into the CWSRF of an amount equal to at least 20 percent of the total amount of all capitalization grants which will be made to the State.

The CWSRF may fund projects for construction of publicly owned treatment works as defined in section 212 of the Clean Water Act, including stormwater projects. The CWSRF may also fund nonpoint source pollution control activities which implement the U.S. EPA-approved *Kentucky Nonpoint Source Management Program - 2.0* (Kentucky Division of Water, 2002) required under Section 319 of the Clean Water Act, which lists specific activities for controlling nonpoint source pollution impacts and identifies responsible implementing agencies and potential/available funding sources.

The purpose of this document is to outline the Division of Water's (DOW) project selection and ranking criteria which shall be used to establish project priority ranking in the annual CWSRF Intended Use Plan (IUP). This document, entitled the *Integrated Project Priority Ranking System (IPPRS)*, complies with EPA's *Integrated Planning and Priority Setting in the Clean Water State Revolving Fund* guidance (EPA-832-R-01-002 March 2001), which states, "An integrated planning and priority setting system is effective if it ensures that CWSRF-funded projects address high priority water quality problems. Four actions are key to its success: identifying water quality priorities, assessing the CWSRF role, undertaking outreach efforts, and selecting priority projects."

DOW is committed to reassessing the Integrated Project Priority Ranking Criteria and Points System upon the completion of the initial review and ranking process and development of the 2007 Project Priority List. Modifications may be made to the criteria and points system if it is determined that this process does not meet EPA's guidance for utilizing the CWSRF to address the high priority water quality problems.

Kentucky Integrated Project Priority Ranking System

II. Identifying and Ranking Water Quality Priorities

According to the March 2001 EPA IPPS guidance:

“Water quality priorities provide a context for the activities of the CWSRF program. CWSRF resources should address these priorities in the most efficient manner possible. State water quality priorities also provide a valuable standard against which a state can measure the success of its water quality programs, i.e., has the state used its resources to address its highest water quality priorities?”

A state’s water quality program should be the CWSRF’s major resource in identifying the state’s water quality priorities. A water quality program has typically developed its understanding of the state’s priorities by considering water quality information from many sources. Familiarity with these sources of water quality information is also useful to the CWSRF during the development of project ranking systems.”

DOW operates several water quality programs that have been used to identify criteria for ranking projects in the context of CWSRF funding priority.

All surface waters in Kentucky are assessed based on a five-year, rotating watershed basin cycle. Assessment data and narrative explanations are compiled into the 305(b) Report to Congress. Section 303(d) of the CWA requires each state to list those waters within its boundaries for which technology based effluent limitations are not stringent enough to protect any water quality standard applicable to such waters. The 303(d) List of Waters identifies all waters assessed as "impaired" for one or more pollutants, and are therefore waters not "meeting the water quality standard." Listed waters are prioritized with respect to designated use classifications and the severity of pollution. The 305(b) report and 303(d) list are now published together in the *2006 Integrated Report to Congress on Water Quality in Kentucky* (Kentucky DOW, June 2007).

Kentucky is required to develop TMDLs for those water bodies that are not meeting water quality standards. The TMDL process establishes the allowable loadings of pollutants or other quantifiable parameters for a waterbody based on the relationship between point and nonpoint pollution sources and in-stream water quality conditions. See the following website for approved TMDLs <http://www.water.ky.gov/sw/tmdl/Approved+TMDLs.htm>.

As required in 200 KAR 17:050, the cabinet shall determine the priority for funding eligible projects to be included on the Project Priority List based on criteria established pursuant to 33 U.S.C. 1296, which states that projects should be designed to achieve optimum water quality management consistent with public health and water quality goals, and the following:

A. Compliance with the CWA and KRS Chapter 224

Criterion #1: Is the project necessary to achieve full or partial compliance with a court order, or a judicial or administrative consent decree?

A project receives 50 points if it is necessary for achieving full or partial compliance with a court order, or a judicial or administrative consent decree. The applicant does not need to be a party to the court order, or a judicial or administrative consent decree.

Criterion #2: Does the project promote compliance with the CWA and KRS Chapter 224 in the following areas?

A project receives 40 points if it answers “Yes” to one of the following questions and an additional 10 points for each additional positive response:

Kentucky Integrated Project Priority Ranking System

- Will the project implement an approved Total Maximum Daily Load (TMDL) for impaired waterbodies?
- Is the point source project for treating or eliminating a combined sewer overflow?
- Does the nonpoint source project conform with the goals and objectives outlined in the Kentucky NPS Management Program and include appropriate water quality Best Management Practices (BMP)?
- Will the project assist with complying with stricter discharge limits as a result of revised wasteload allocations?
- Is the project for correcting inflow or infiltration problems that are causing sewer overflows and treatment problems?
- Is the project for rehabilitating or replacing equipment to comply, or ensure continued compliance, with existing permit limits?
- Will the project assist with complying with a National Pollutant Discharge Elimination System Phase I or II stormwater permit?
- Will the project eliminate one or more straight pipes or failing onsite systems in populations to be served that presently do not have sewer systems available?
- Will the project implement any part of an approved Watershed Plan? Contact the DOW Watershed Management Branch at (502) 564-3410 for more information on accepted Watershed Plans.

The next four questions consider whether a project makes reasonable progress towards achieving water quality standards, eliminating impairments of Kentucky's waterbodies and correcting existing public health problems. Go to the following website http://www.watersheds.ky.gov/homepage_repository/What+is+the+condition+of+your+stream+or+lake.htm to learn about the condition of your watershed and get the watershed ID-Hydrologic Unit Code (HUC). (This website is currently being updated to include the 2006 Integrated Report data of impaired streams in Kentucky. Check the website for upcoming updates or contact the Division of Water, Water Quality Branch at (502) 564-3410 to access the 2006 impairment map coverages)

Criterion #3: Will the project make reasonable progress towards eliminating identified pollutant sources for waterbodies that appear on the 2006 Integrated Report to Congress on Water Quality in Kentucky?

This question addresses the state's goal to improve water quality in impaired waterbodies. The 2006 Integrated Report and maps available on DOW's website. <http://www.water.ky.gov/sw/swmonitor/305b/default.htm>. The reports list the impaired waterbodies with the pollutants of concern and probable sources of the pollutants. The project will receive 20 points for each pollutant water-body combination it will address.

Criterion #4: Will the project make reasonable progress towards eliminating identified pollutant sources of water quality impairments within an identified Priority Watershed?

The Division of Water has developed a list of state priority watersheds at the HUC11 level. List each watershed on the Questionnaire Form that is located in the project area and indicate if the watershed is on this list. The project will receive 20 points if a priority watershed is located in the project area. **Please refer to the attached list of Kentucky Division of Water State Priority Watersheds.**

Criterion #5: Will the project correct a public health or water quality problem as documented by applicant, for waterbodies that have not been monitored and assessed?

Waterbody segments that have been monitored and assessed are included in the 2006 Integrated Report. However, not all waterbody segments have been monitored and assessed by the state. The water quality in private wells or cisterns used for drinking water

Kentucky Integrated Project Priority Ranking System

is not regulated by the state or EPA. The project will receive 10 points if the applicant can document a public health or water problem in a non-assessed waterbody segment or in private wells, and demonstrate that the project will help correct the problem. Before it is deemed valid, the quality of the data provided to support the existence of a public health or water quality problem should be verified using the DOW quality assurance and quality control procedures.

Criterion #6: Does the project eliminate existing or potential sources of pollution in sensitive groundwater areas?

This question considers the importance of groundwater as one of Kentucky's vital resources as a source of drinking water, a source for industrial and agricultural use, and the source of sustained base flow in most streams. Groundwater is classified across the state on a scale from 1 (lowest) to 5 (highest) sensitivity. The project will receive 10 points if it eliminates existing or potential sources of groundwater contamination within a high sensitivity groundwater (rating 4 or 5) area. The project will receive 5 points if it eliminates existing or potential sources of groundwater contamination within a moderate sensitivity groundwater (rating 2.5 or 3) area. Groundwater data is available for download at <http://kygeonet.ky.gov/metadateexplorer/>.

B. Impact on Existing Drinking Water Supplies

Each public water supply (PWS) must develop a Source Water Assessment and Protection Plan (SWAPP) which delineates its drinking water source protection area, called SWAPP zones or Wellhead Protection Areas (WHPA), and inventories known and potential sources of contamination within those areas.

Criterion #7: Is the project located within an identified SWAPP zone or WHPA?

The project will receive ten (10) points for each SWAPP or WHPA Zone 1, seven (7) points for each SWAPP or WHPA Zone 2, and three (3) points for each SWAPP or WHPA Zone 3 in which the project is located. Look up your SWAPP and WHPA areas in the Watershed Viewer at <http://eppcmaph.ky.gov/website/watershed/viewer.htm>.

Criterion #8: Will the project address a contaminant source that is causing or may cause a drinking water source to use higher-than-conventional treatment?

A contaminant source that affects a public drinking water supply may cause the PWS to have compliance problems and/or trigger the PWS to use higher-than-conventional treatment. Points may be awarded to a project that will address a pollutant source located within a SWAPP zone or WHPA (whether it is included in the SWAPP inventory or not), or the applicant must demonstrate a connection to a public drinking water supply source for contaminant sources not located within SWAPP zones or WHPAs, using the following criteria:

1. Whether the pollutant is readily treatable by conventional treatment methods, and
2. Whether the pollutant currently contributes to a compliance problem or may contribute to a compliance problem.

Points may be awarded for each pollutant that meets these criteria as follows:

Level of Treatment	Pollutant is causing compliance problems	Pollutant is NOT causing compliance problems
Pollutant is treatable by conventional methods	10	5
Pollutant is NOT treatable by conventional methods	15	10

Kentucky Integrated Project Priority Ranking System

C. Outstanding Resource Waters

Criterion #9: Will the project have a positive effect on Special Use Waters?

This question considers the importance of protecting special waters in Kentucky. Special Use Waters are rivers, streams and lakes listed in Kentucky Administrative Regulations as Cold Water Aquatic Habitat (401 KAR 5:031 Section 4), Exceptional Waters (401 KAR 5:030 Section 1), Reference Reach Waters (401 KAR 5:030 Section 1), Outstanding State Resource Waters (401 KAR 5:031 Section 7), Outstanding National Resource Waters (401 KAR 5:030 Section 1), State Wild Rivers (Kentucky Wild Rivers Act of 1972), and Federal Wild and Scenic Rivers (Wild and Scenic Rivers Act, PL 90-542). The project will receive 5 points if the applicant can demonstrate that the project will benefit one or more of these waters. <http://www.water.ky.gov/sw/specialwaters/>

D. Populations to Be Served That Presently Do Not Have Sewers Available

Criterion #2 under section A above addresses this criteria and provides for points to be awarded for projects that will serve a population that presently does not have sewers available.

III. Summary of Points System Used to Establish Project Priority Ranking

#	Priority Ranking Criteria	Possible Points
1	Is the project necessary to achieve full or partial compliance with a court order, or a judicial or administrative consent decree?	50 points
2	Does the project promote compliance with the CWA and KRS Chapter 224?	40 points plus 10 for each additional priority
3	Will the project make reasonable progress towards eliminating identified pollutant sources for waterbodies that appear on the <i>2006 Integrated Report to Congress on Water Quality in Kentucky</i> ?	20 points for each pollutant-waterbody combination
4	Will the project make reasonable progress towards eliminating identified pollutant sources of water quality impairments within an identified Priority Watershed?	20 points
5	Will the project correct a public health or water quality problem as documented by applicant, for waterbodies that have not been monitored and assessed?	10 points
6	Does the project eliminate existing or potential sources of pollution in groundwater sensitivity areas?	10 points for high or highest sensitivity 5 points for moderate sensitivity
7	Is the project located within an identified SWAPP zone or WHPA?	10 for each Zone 1 7 for each Zone 2 3 for each Zone 3
8	Will the project address a contaminant source that is causing or may cause a drinking water supply to use higher-than-conventional treatment?	5-15 points for each contaminant source

Kentucky Integrated Project Priority Ranking System

9	Will the project have a positive effect on Special Use Waters?	5 points
---	--	----------

IV. Developing and Updating the Project Priority List and Intended Use Plan

In order for a project to be considered for funding from the CWSRF, it must appear on the Comprehensive Project Priority List for the state fiscal year in which the project will receive a binding commitment. To be included in this list, an eligible project applicant must submit a completed *KY CWSRF Project Questionnaire Form* to DOW during the annual Call for Projects period. A copy of the questionnaire may be found on DOW's CWSRF website. www.water.ky.gov/publicassistance/funding/CWSRF/. Once the questionnaire is received, DOW staff will evaluate the project based on the ranking system discussed above and assign the project a numeric score. Eligible projects will then be added to the next Comprehensive Project Priority List. Those projects with the same numerical score will be ranked based on the date the completed *KY CWSRF Project Questionnaire Form* is received. If the project is only for accommodating future growth and will not address an existing water quality or public health need, and therefore does not receive any points from the above criteria, the project will be still included on the Comprehensive Project Priority List if it is eligible for CWSRF funding.

DOW and the Kentucky Infrastructure Authority (KIA) will prepare an annual Intended Use Plan (IUP) that will describe how the state intends to use the funds in the Kentucky CWSRF for each state fiscal year, and how those uses support the objectives of the CWA. DOW will publish and maintain the IUP and Project Priority List on its CWSRF website. Each IUP will include an updated Comprehensive Project Priority List and a Fundable List of projects that are anticipated to receive funding during that state fiscal year. Applicants are encouraged to complete the Project Schedule information on the Project Questionnaire Form and to contact the DOW or KIA as early in the process as possible to discuss the project and the loan process. Once the IUP has been drafted, notice will be given to the public that the draft IUP is available for review and comment for a period of at least 30 days. After the comment period has ended DOW and KIA will review any comments received and make changes to the IUP as appropriate. Both the draft and final IUPs will be available on DOW's CWSRF website.

www.water.ky.gov/publicassistance/funding/CWSRF/

V. Eligible Project Applicants

Any governmental agency shall be eligible to apply for financial assistance for planning, design and construction of eligible projects.

VI. References

Kentucky Division of Water website: www.water.ky.gov

Kentucky Division of Water CWSRF website: www.water.ky.gov/publicassistance/funding/CWSRF/

Kentucky Infrastructure Authority website: <http://kia.ky.gov/>

Kentucky Integrated Project Priority Ranking System

VII. Kentucky Division of Water State Priority Watersheds

	HUC	Watershed
1	05110001150	Bacon Creek
2	05100101290	Banklick
3	08010201050	Bayou de Chien
4	05140101250	Beargrass Creek (St. Matthews)
5	05090201130	Cabin Creek
6	06040006040	Clarks River
7	05130205260	Claylick Creek
8	05140205090	Clear Creek, near Madisonville
9	05130101330	Clear Fork
10	05130101055	Clover Fork
11	05130205290	Cumberland River, below Vicksburg
12	05100205190	Dix River: Clarks Run
13	05100205180	Dix River: Hanging Fork
14	05100205170	Dix River: Herrington Lake
15	05100205410	Eagle Creek
16	05130101350	Elk Fork Creek
17	05100101200	Fleming Creek
18	05140102190	Floyds Fork
19	05140102180	Floyds Fork
20	05110001130	Green River at Munfordville
21	05070202020	Jonican Branch near Fish Trap Lake
22	05130101450	Laurel River
23	05070203170	Levisa Fork near Louisa
24	05100101010	Licking River (headwaters)
25	05110005040	Long Falls
26	05130101340	Mud Creek
27	05100205020	Muddy Creek
28	05100201	North Fork Kentucky River
29	05110005110	Panther Creek, North Fork
30	05070203040	Prater Creek near Banner
31	05100204120	Red River Gorge
32	05130206090	Red River, at Oakville
33	05110004040	Rough River Lake
34	05130102090	Sinking Creek, of Rockcastle
35	05140104250	Sinking Creek at Hardinsburg
36	05100205270	South Elkhorn Creek
37	05100102030	Strodes Creek
38	05100102050	Townsend Creek
39	05140205050	Tradewater, below Dawson Springs

APPENDIX G

CWSRF Project Definitions and Examples for Green Infrastructure Reserve

CWSRF Project Definitions and Examples for Green Infrastructure Reserve

I. Water Efficiency

- a. Water efficiency is the use of improved technologies and practices to deliver equal or better services with less water.
- b. Water efficiency projects consistent with Sec. 212, that implement Sec. 319 plans or that implement Sec. 320 plans are eligible.
 - i. Planning and design activities for water efficiency that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital water efficiency projects are eligible.
- c. Examples of projects include
 - i. Installation of water meters
 - ii. Retrofit or replacement of water using fixtures, fittings, equipment or appliances
 - iii. Efficient landscape or agricultural irrigation equipment
 - iv. Systems to recycle gray water
 - v. Reclamation, recycling, and reuse of existing rainwater, condensate, degraded water, stormwater, and/or wastewater streams.
 - vi. Collection system leak detection equipment
 - vii. Development and initial distribution of public education materials

II. Energy Efficiency

- a. Energy efficiency includes capital projects that reduce the energy consumption of eligible water quality projects or produce clean energy used by a treatment works defined in Sec. 212.
 - i. Web link to EPA's clean energy site <http://www.epa.gov/cleanenergy/>
 - ii. Clean energy includes wind, solar, geothermal, hydroelectric, and biogas combined heat and power systems.
- b. Energy efficiency projects consistent with Sec. 212, that implement Sec. 319 plans, or that implement Sec. 320 plans are eligible.
 - i. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital energy efficiency projects are eligible.
- c. Examples of projects include
 - i. Energy efficient retrofits and upgrades to pumps and treatment processes
 - ii. Leak detection equipment for treatment works
 - iii. Producing clean power for 212 treatment works on site (wind, solar, hydroelectric, geothermal, biogas powered combined heat and power)
 - iv. Pro-rata share of capital costs for offsite publicly owned clean energy facilities that provide power to a treatment works.

III. Green Infrastructure

- a. Definition: Green Infrastructure includes a wide array of practices at multiple scales that manage wet weather to maintain and restore natural hydrology by infiltrating, evapotranspiring and capturing and using stormwater. On a regional scale, green infrastructure is the preservation

and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale green infrastructure consists of site- and neighborhood-specific practices, such as bioretention, trees, green roofs, porous pavements and cisterns. In addition to managing rainfall, these green infrastructure technologies can simultaneously provide other benefits such as helping filter air pollutants, reducing energy demands, mitigating urban heat islands, and sequestering carbon while also providing communities with aesthetic, recreational and natural resource benefits.

- b. Projects to address stormwater through green infrastructure practices consistent with Sec. 212, that implement Sec. 319 plans, or that implement Sec. 320 plans are eligible. If a project is specifically required by a draft or final NPDES permit, then it can only be funded through Sec. 212 or Sec. 320 authority.
 - i. Planning and design activities for green infrastructure projects that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement green infrastructure projects are eligible.
- c. Examples of projects include
 - i. Implementation of comprehensive street tree or urban forestry programs, including expansion of tree box sizes to manage additional stormwater and enhance tree health.
 - ii. Implementation of green streets (combinations of green infrastructure practices in transportation rights-of-ways), for either new development, redevelopment or retrofits
 - iii. Implementation of water harvesting and reuse programs or projects, where consistent with state and local laws and policies.
 - iv. Implementation of wet weather management systems for parking areas which include: the incremental cost of porous pavement, bioretention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness at one or more scales.
 - v. Establishment and restoration of riparian buffers, floodplains, wetlands and other natural features.
 - vi. Downspout disconnection to remove stormwater from combined sewers and storm sewers.
 - vii. Comprehensive retrofit programs designed to keep wet weather out of all types of sewer systems using green infrastructure technologies and approaches.

IV. Environmentally Innovative Projects

- a. Projects that demonstrate new and/or innovative approaches to managing water resources in a more sustainable way, including projects that achieve pollution prevention or pollutant removal at the least life-cycle costs, subject to environmental review results. Includes approaches to

- incorporate green infrastructure into drinking water, stormwater and wastewater utility infrastructure and management.
- b. Environmentally innovative projects that are consistent with Sec. 212, that implement Sec. 319 plans, or that implement Sec. 320 plans are eligible.
 - i. Planning and design activities that are reasonably expected to result in a capital project are eligible.
 - ii. Building activities that implement capital projects are eligible.
 - c. Examples of projects include
 - i. Green Infrastructure/Low Impact development stormwater projects
 - ii. Decentralized wastewater treatment and/or reuse projects that reduce energy consumption, recharge aquifers and reduce water withdrawals and treatment costs
 - iii. Projects that employ development and redevelopment practices that preserve or restore site hydrologic processes through sustainable landscaping and site design.
 - iv. Projects that use water balance approaches (water budgets) at the project, local or state level that preserve site, local or regional hydrology. Such an effort could pilot and show-case efforts to plan and manage in a concerted manner, surface and groundwater withdrawals, stream base flow (aquatic species protection), wetland and floodplain storage, groundwater recharge and regional or local reuse and harvesting strategies using a quantified methodology.
 - v. Projects that demonstrate the energy savings and climate change implications of sustainable site design practices and the use of green infrastructure such as green roofs, increased tree canopy, reduced water consumption and potable water use due to sustainable site designs, rainwater harvesting and reuse and reductions in hard or infrastructure needed to manage stormwater and CSOs.
 - vi. Projects that demonstrate the differential uses of water based on the level of treatment and potential uses as a means to reducing the costs of treating all water to potable water standards.
 - vii. Projects that identify and quantify the benefits of using integrated water resources management approaches.

APPENDIX H

PUBLIC NOTICES
AND
SUMMARY OF COMMENTS RECEIVED

Press Release from KIA

KIA Seeks Public Input for 2010 Clean Water Intended Use Plan

- WHO:** The Kentucky Infrastructure Authority (KIA) and the Division of Water of the Energy and Environment Cabinet
- WHAT:** Public meeting to present and solicit comments on the draft 2010 Clean Water State Revolving Fund Intended Use Plan (CWSRF-IUP)
- WHEN:** March 18, 2009, at 1:30 p.m. Eastern Time
- WHERE:** Kentucky Infrastructure Authority Conference Room
1024 Capital Plaza Drive, Ste 340
Frankfort, KY 40601

Kentucky's draft 2010 Clean Water Intended Use Plan including the 2010 Project Priority List, Supplemental Priority List and Economic Recovery Funds Project Priority List is available for public review and comment from February 20, 2009 through March 18, 2009.

On February 17, 2009, the American Recovery and Reinvestment Act of 2009 (Act) became law. As such, it provided the Kentucky Infrastructure Authority with "Economic Recovery Funds" (ERF) for eligible projects. The ERF Priority List will be available for public review and comment on the Division of Water website at www.water.ky.gov and on the Kentucky Infrastructure Authority website at www.kia.ky.gov from March 4, 2009 through March 18, 2009.

Communities with ready to go projects that are on the 2010 Priority List who wish to be considered for economic recovery funds MUST submit an ERF Request for Consideration form to the Division of Water by close of business February 27, 2009.

If your project is ready to go and you wish to be considered for economic recovery funds, but your project IS NOT on the 2010 Priority List, you MUST submit a Project Questionnaire with all required materials AND an ERF Request for Consideration form to the Division of Water by close of business February 27, 2009.

The project selection process for ERF projects will be based off of the selection criteria for all SRF project funds and will have additional requirements. Funding priority will be given to wastewater projects that will be ready to proceed to construction by June 17, 2009. The Act requires that 20% of the funds are to be made available for green infrastructure, water efficiency and energy efficiency projects through that date. Any remaining funding not committed by June 17, 2009 will give funding priority to wastewater projects based on readiness to proceed, with consideration given to job creation, economic hardship and environmental benefits. All projects MUST have a construction start date prior to February 16, 2010. The purpose of the ERF is to expand the economy and create and maintain jobs.

The Intended Use Plan and priority lists may be viewed online at www.water.ky.gov or www.kia.ky.gov. Copies of the plan and priority lists may also be reviewed at the following locations:

Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, KY 40601

Kentucky Infrastructure Authority
1024 Capital Center Drive, Suite 340
Frankfort, KY 40601

or at any Division of Water field office or Area Development District office

Comments should be provided in writing to Sandy Williams, Kentucky Infrastructure Authority, by March 18, 2009, at the address given above. For questions, please contact Sandy Williams, Kentucky Infrastructure Authority, at (502) 573-0260.

STEVEN L. BESHEAR
GOVERNOR



JOHN E. COVINGTON, III
EXECUTIVE DIRECTOR



**KENTUCKY INFRASTRUCTURE
AUTHORITY**
1024 CAPITAL CENTER DRIVE, SUITE
340
FRANKFORT, KENTUCKY 40601
<http://kia.ky.gov>



May 1, 2009
For Immediate Release

Contact: **Cindy**
Lanham
502-545-1440

Recovery Act Investments Announced for Kentucky's Infrastructure

FRANKFORT, Ky. (May 1, 2009) – The Kentucky Infrastructure Authority (KIA) today announced the priority list for water and sewer infrastructure projects that will be eligible for funding with the \$66.7 million the state was allotted through the American Recovery and Reinvestment Act of 2009, known as the Recovery Act.

KIA will administer approximately \$47.8 million to fund wastewater infrastructure projects through the Clean Water State Revolving Fund and approximately \$18.9 million to fund drinking water projects through the Drinking Water State Revolving Fund. Selected applicants will be invited to submit a full application by May 22, 2009, to receive final KIA board approval.

“President Obama’s economic recovery plan will not only create jobs on basic infrastructure projects, but it will help address both short and long-term water challenges facing the Commonwealth,” said Gov. Steve Beshear. “I commend the staff at KIA and the Division of Water for diligently reviewing the hundreds of

applications they received to ensure the approved projects will make a real and immediate difference in the lives of so many Kentuckians.”

With input from the Division of Water (DOW), KIA received 320 applications for drinking water projects and 356 applications for clean water projects, totaling approximately \$1 billion. Eligible applicants include municipal governments, state government agencies, water and sewer districts and sanitation districts. The loan awards will be structured as 50 percent low interest and 50 percent principal forgiveness.

Projects that are eligible for funding include:

- Wastewater projects that include treatment plant and collection system improvements;
- Drinking water projects that include treatment plant and distribution system improvements; and
- Nonpoint source projects that include Best Management Practices for agriculture and stormwater runoff.

Factors taken into consideration in selecting approved projects are environmental and economic impact, number of households and businesses served, job creation and the ability to be under contract by February 2010.

According to the Recovery Act, 20 percent of the money must be awarded to green projects; projects that improve water and/or energy efficiency and environmentally innovative projects. Examples may include managing water resources in a more sustainable way; pollution prevention; pollutant removal; low-impact development storm water projects; wetland restoration; decentralized wastewater treatment solutions; and water resource projects that reduce energy consumption.

Attached are priority lists for clean water and drinking water projects. The lists can also be found at <http://kia.ky.gov>. If, for any reason, a selected project does not meet the requirements or deadlines set forth by the Recovery Act, supplemental projects

may receive funding.

###

Kentucky: Infrastructure Authority - Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address http://www.kia.ky.gov/

Google Search Sidewiki Check Translate AutoFill Sign In

Kentucky.gov KY Agencies | KY Services Search Kentucky.gov Go

 **Kentucky Infrastructure Authority**

Home | Site Map | Documents | KIA Board | KIA Staff
 KIA > Home

Kentucky Infrastructure Authority
Office of the Governor

About Us

Loan Programs

WRIS

Legislation & Regulations

Open Records Requests

News & Events



Welcome

To the Kentucky Infrastructure Authority, or KIA.

Basic infrastructure is a necessity for economic growth. Many of our Kentucky communities do not have the basic water, sewer, solid waste facilities and other infrastructure that they need for their citizens. This is due in large part to the high costs of these services. The Kentucky Infrastructure Authority (KIA) was created in 1988 to provide the mechanism for funding construction of local public works projects. KIA is continually growing and expanding its services. Through the various programs currently offered, KIA has become the answer for local financing needs.

The Kentucky Infrastructure Authority is now administratively attached to [DLG](#), the Department for Local Government.

Draft IUP and Economic Stimulus Recovery Funding Update

The updated [CWSRF ARRA Priority List](#) and the updated [DWSRF ARRA Priority List](#) are now available.

The updated [Draft 2010 DWSRF IUP](#) and updated [Draft 2010 CWSRF IUP](#) which now include the CWSRF and DWSRF ERF Priority Lists are available now for public review and comment on the Division of Water website at [water.ky.gov](#) and on the Kentucky Infrastructure Authority website at [kia.ky.gov](#).

The public meeting to discuss the DWSRF and CWSRF Draft IUPs will be held in the KIA conference room on **May 8th, 2009 at 1:30 pm**. The public comment period will remain open until May 11th, 2009 at 1:30 pm.

If you have questions regarding the Draft IUPs and/or American Recovery & Reinvestment Act of 2009 (ARRA), please send an [email](#) to Sandy Williams at the Kentucky Infrastructure Authority.

Economic Stimulus Recovery Funding

Due to the passage of the American Recovery & Reinvestment Act (ARRA) of 2009, there will be approximately \$49 million in additional funds for the CWSRF and approximately \$19 million in additional funds for DWSRF projects. The Draft 2010 Intended Use Plans which will outline the process for all applicants and include the 2010 Project Priority lists for public comment can be downloaded below.

The Division of Water contacts are as follows:

For Wastewater Projects, please contact:

See Also...

[Kygeonet.ky.gov](#)
Kentucky's clearinghouse for GIS Data, Maps, and Internet Mapping.

[Kentucky.gov](#)
Your comprehensive guide to the Commonwealth on the web.

Economic Stimulus Recovery Funding Resources

[CWSRF ARRA Priority List](#)
(PDF - 11.74K)
updated 11/19/09

[DWSRF ARRA Priority List](#)
(PDF - 7.91K)
updated 11/19/09

[2010 DWSRF IUP DRAFT](#)
(PDF - 1.84MB)
updated 05/01/09

[2010 CWSRF IUP DRAFT](#)
(PDF - 1.25MB)
updated 05/01/09

start

Inbox - Micro... IUP Document Responsetoc... CWSRF_Pres... KIA recovery... Search Desktop

2010 CWSRF... 2009 CWSRF... Kentucky: In... Intended Us... 2010_Press...

Internet 4:14 PM Tuesday 12/15/2009

Summary of Comments Received During the Public Comment Period

Written comments were received from one source during the public comment period and are summarized below. Verbal comments during the meeting were read from the written comments.

Mr. Hank Graddy, IV
Attorney at Law
103 Main Street
P. O. Box 4307
Midway, KY 40347

Comment 1

Kentucky Infrastructure Authority (“KIA”) did not provide adequate notice for the May 8, 2009 public hearing.

Response:

A press release was issued on February 20, 2009 to announce the 2010 Intended Use Plan including the 2010 Priority List and the ARRA Priority List. The press release announced the initial public meeting date of March 18, 2009. Because the ARRA priority list was not finalized by the March 18, 2009 date, an announcement was posted on the KIA website that the meeting would be postponed and rescheduled. The rescheduled public date was posted on the KIA website on May 1, 2009 announcing the May 8, 2009 public meeting date.

Comment 2

The inclusion of the four Sanitation District No. 1 (“SD-1”) projects utilizing the green reserve are excellent uses of funding; the KIA and Division Of Water (“DOW”) should continue to use funds for purposes of maintaining and improving the commonwealth’s environment.

Response:

We thank you for your support and we’ll continue to seek future opportunities to fund “green” solutions for water quality problems throughout the Commonwealth.

The next four comments relate to regulation 200 KAR 17:050, Section 6.

The SD 1 application for CWSRF funding for the Western Regional Wastewater Treatment Plant (“WRWWTP”) has not met the specific requirements in 200 KAR 17:050, Section 6. Projects not able to meet the specific requirements of 200 KAR 17:050, Section 6 must be denied by the KIA.

Comment 3

The related sewer collection system is subject to excessive inflow/infiltration and assurance for necessary repairs have not been provided.

Response:

Excessive inflow/infiltration (I/I) is a common problem for wastewater utilities with aging collection systems. Addressing the problem requires diligent effort and major capital investments. The SD-1 developed a sanitary sewer overflow plan (SSOP) around 1998 to address the wet weather problems in their collection system including I/I removal. This is ongoing work that will continue for several years given the scope of the problem and the sheer size of the collection system.

Moreover, the 2007 Consent Decree that you reference in your comments aims at addressing the water quality violations due to the combined and sanitary sewer overflows in the SD-1 collection system. The DOW considers the combination of the 1998 SSOP and the 2007 Consent Decree as providing the “assurance” required by regulation 200 KAR 17:050, Section 6.

Comment 4

The construction of the WRWWTP is not consistent with plans pursuant to 33 U.S.C. 1288 and 33 U.S.C. 1313.

Response:

SD-1 is the regional wastewater planning authority for Boone, Campbell, and Kenton counties. Not only is the SD-1 responsible for building and managing wastewater infrastructure in their planning area, but they are also responsible for planning for the area’s current and future wastewater needs. Planning documents are expected to evolve over time in order to meet the present and future needs of the planning area. Therefore, even if the initial water quality planning document stated SD-1 has no plans to install wastewater infrastructure in the rural areas of Boone County; this doesn’t prevent SD-1 from coming back forty years later with a new plan that proposes wastewater conveyance and treatment facilities. Note that the Division of Water approved a facility plan for the Western Regional Wastewater Treatment Plant and issued a State Planning Environmental Assessment Report (SPEAR) in July 2002, and re-affirmed the SPEAR in November 2008.

Issues about updating the 208 plan were raised in litigation over the 2000 Regional Facility Plan (Alliance for Kentucky’s Future, et al. v. EPPC and SD1, File No. DOW-26026-039). The Findings, Conclusions of Law, and Final Order issued December 16, 2005, in that case adopted the hearing officer’s finding that the WRWWTP was consistent with the goals of the 1977 OKI Section 208 Plan. The Final Order has been affirmed by the Franklin Circuit Court and the Kentucky Court of Appeals.

Comment 5

The applicant has failed to develop an adequate user charge system.

Response:

Regulation 200 KAR 17:050, Section 6[C] adds specific requirements that the loan applicant must meet. Here is how the requirement reads in the regulation:

“The applicant has developed an adequate user charge system and the applicant has the legal, institutional, managerial and financial capability to construct, operate and maintain the wastewater project.”

The SD-1 is a planning authority that has been operating and managing wastewater infrastructure for over 40 years. As the second largest sewer provider in the state serving more than 300,000 people, SD-1 has already demonstrated its legal, institutional, managerial, and financial capacity to construct, operate and maintain wastewater projects.

With regards to your comment about “the collapse of the housing bubble”, the WRWWTP was sized to meet the wastewater needs of the planning area over the next 20 years. This includes 20-year population projections in the service area as well as all the projected contributions from industrial and commercial users. The Cabinet requires regional planning agencies to use a reliable data source, such as the Kentucky State Data Center (KSDC), for determining population projections over a 20-year planning period when sizing wastewater infrastructure. The KSDC expects explosive population growth for Boone County; based on its published data, Boone County’s population is expected to grow by more than 80% from year 2000 to year 2020. Also, the proposed plant is expected to receive and treat more than 10 million gallons per day of peak flow from the Dry Creek WWTP. These are two compelling reasons for building a 20-mgd plant.

Comment 6

The project has not undergone appropriate reviews to ensure compliance with the state NEPA-like review process as required by 40 C.F.R.35.3140.

Response:

The Division of Water conducted an environmental review of this project that was consistent with the State Environmental Review Process and in November 2008 reaffirmed the original State Planning Environmental Assessment Report that was issued in July 2002.

No other comments regarding the IUP were received. This document is considered final and will be submitted to the US EPA Region IV Office.