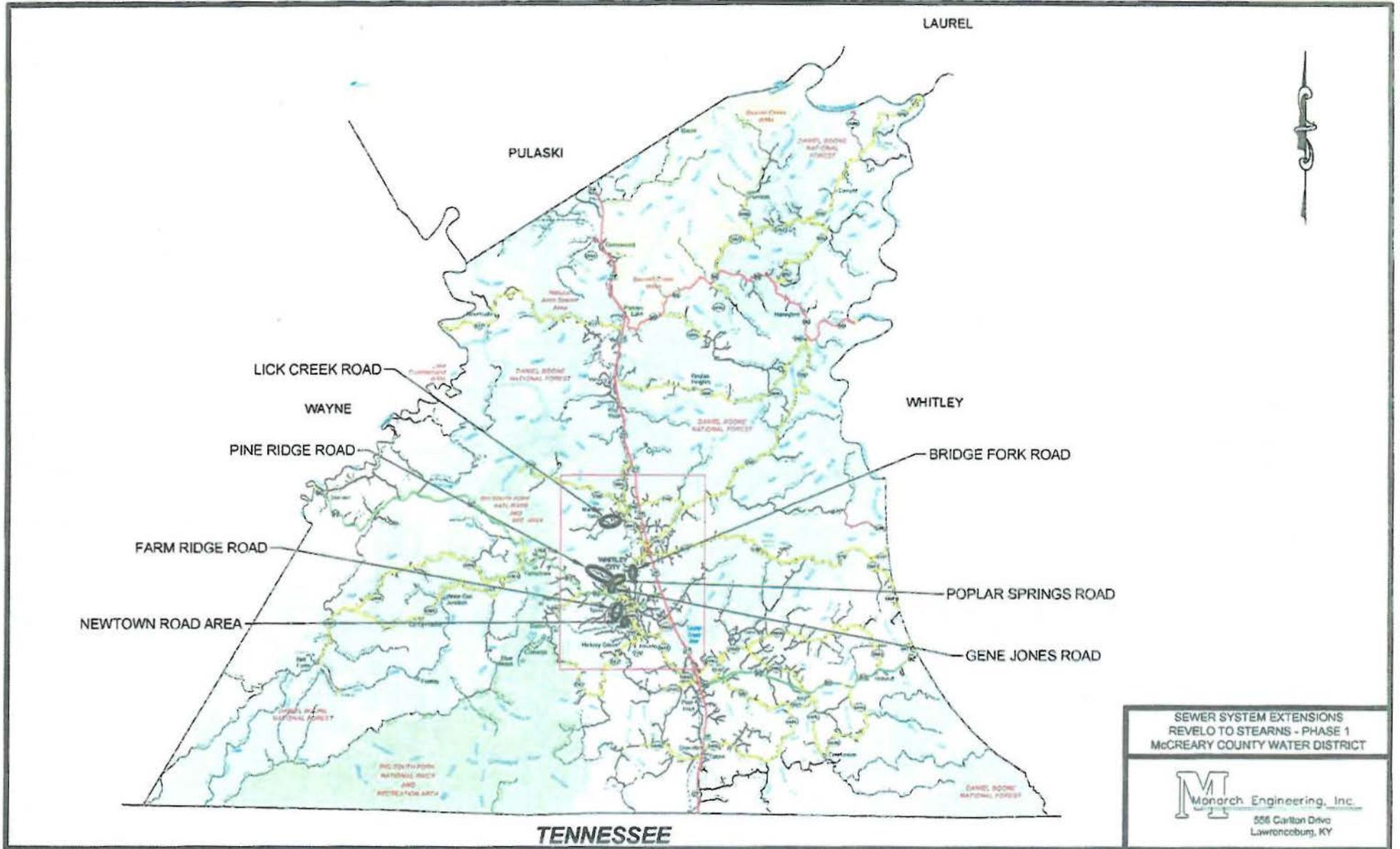


Appendix A
Exhibits



BARTHELL
QUADRANGLE

WHITLEY CITY
QUADRANGLE

LICK CREEK ROAD
4,930 LF OF 2-INCH PVC
SDR 21 SFM
LAT: 36° 44' 25" N
LONG: 84° 29' 08" W

PINE RIDGE
1,150 LF OF 3-INCH PVC SDR 21 SFM
1,050 LF OF 2½-INCH PVC SDR 21 SFM
610 LF OF 2-INCH PVC SDR 21 SFM
640 LF OF 1½-INCH PVC SDR 21 SFM
LAT: 36° 42' 32" N
LONG: 84° 29' 25" W

BRIDGE FORK ROAD
630 LF OF 3-INCH PVC SDR 21 SFM
500 LF OF 2½-INCH PVC SDR 21 SFM
196 LF OF 1½-INCH PVC SDR 21 SFM
LAT: 36° 42' 58" N
LONG: 84° 28' 40" W

GENE JONES ROAD
1,285 LF OF 2-INCH
PVC SDR 21 SFM
LAT: 36° 42' 32" N
LONG: 84° 29' 25" W

POPLAR SPRINGS ROAD
2,035 LF OF 2-INCH PVC SDR 21 SFM
LAT: 36° 42' 41.70" N
LONG: 84° 29' 00.34" W

FARM RIDGE
1,140 LF OF 2½-INCH PVC SDR 21 SFM
535 LF OF 2-INCH PVC SDR 21 SFM
1,025 LF OF 1½-INCH PVC SDR 21 SFM
LAT: 36° 41' 46" N
LONG: 84° 28' 56" W

NEWTOWN ROAD AREA
1,400 LF OF 3-INCH PVC SDR 21 SFM
400 LF OF 2½-INCH PVC SDR 21 SFM
3,600 LF OF 2-INCH PVC SDR 21 SFM
1,400 LF OF 1½-INCH PVC SDR 21 SFM
LAT: 36° 41' 42" N
LONG: 84° 28' 48" W

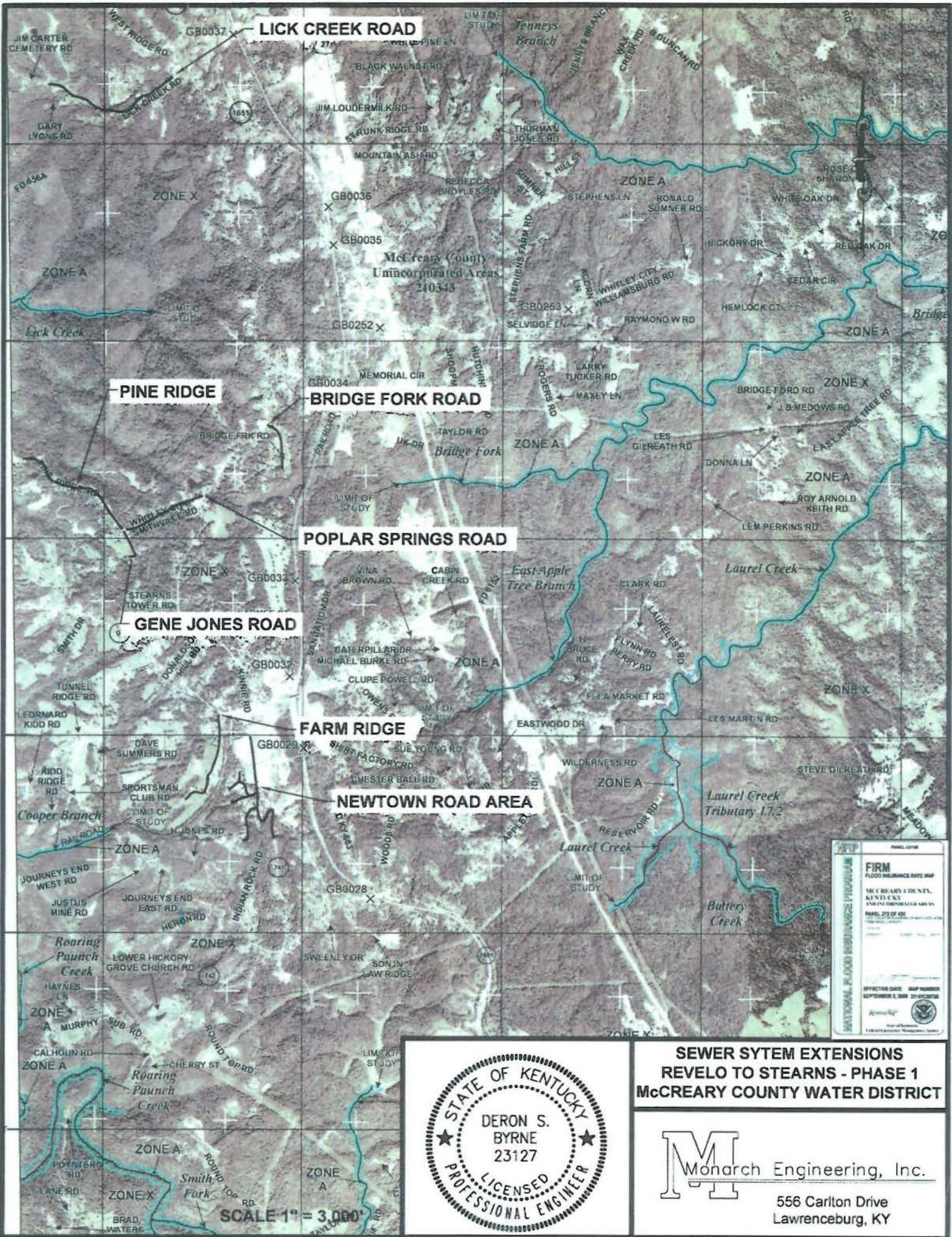
SCALE 1" = 3,000'



SEWER SYTEM EXTENSIONS
REVELO TO STEARNS - PHASE 1
McCREARY COUNTY WATER DISTRICT

Monarch Engineering, Inc.

556 Carlton Drive
Lawrenceburg, KY



PANEL 2/10

FIRM
FLOOD INSURANCE RATE MAP

MCCREE COUNTY, KENTUCKY
UNINCORPORATED AREAS

PANEL 2/9 OF 4/9

EFFECTIVE DATE: SEPTEMBER 2, 2009

MAP NUMBER: 210343

MONARCH ENGINEERING, INC.

STATE OF KENTUCKY

DERON S. BYRNE
23127

PROFESSIONAL ENGINEER

**SEWER SYTEM EXTENSIONS
REVELO TO STEARNS - PHASE 1
McCREEARY COUNTY WATER DISTRICT**

M Monarch Engineering, Inc.

556 Carlton Drive
Lawrenceburg, KY

SCALE 1" = 3,000'

Appendix B
Agency Correspondence



STEVEN L. BESHEAR
GOVERNOR

DEPARTMENT FOR LOCAL GOVERNMENT
OFFICE OF THE GOVERNOR
1024 CAPITAL CENTER DRIVE, SUITE 340
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606
WWW.DLG.KY.GOV

TONY WILDER
COMMISSIONER

July 8, 2014

Ms. Treva Bowles
Monarch Engineering, Inc.
556 Carlton Drive
Lawrenceburg, KY 40342

RE: Sewer System Extensions – Revelo to Stearns Phase 1
SX21147020
SAI# KY20140611-0617

Dear Ms. Bowles:

The Kentucky State Clearinghouse, which has been officially designated as the Commonwealth's Single Point of Contact (SPOC) pursuant to Presidential Executive Order 12372, has completed its evaluation of your proposal. The clearinghouse review of this proposal indicates there are no identifiable conflicts with any state or local plan, goal, or objective. Therefore, the State Clearinghouse recommends this project be approved for assistance by the cognizant federal agency.

Although the primary function of the State Single Point of Contact is to coordinate the state and local evaluation of your proposal, the Kentucky State Clearinghouse also utilizes this process to apprise the applicant of statutory and regulatory requirements or other types of information which could prove to be useful in the event the project is approved for assistance. Information of this nature, if any, concerning this particular proposal will be attached to this correspondence.

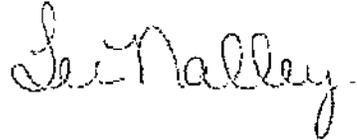
You should now continue with the application process prescribed by the appropriate funding agency. This process may include a detailed review by state agencies that have authority over specific types of projects.

This letter signifies only that the project has been processed through the State Single Point of Contact. It is neither a commitment of funds from this agency or any other state or federal agency.

The results of this review are valid for one year from the date of this letter.
Continuation or renewal applications must be submitted to the State Clearinghouse annually. An application not submitted to the funding agency, or not approved within one year after completion of this review, must be re-submitted to receive a valid intergovernmental review.

If you have any questions regarding this letter, please feel free to contact my office at 502-573-2382.

Sincerely,

A handwritten signature in cursive script that reads "Lee Nailey".

Lee Nailey
Kentucky State Clearinghouse

Attachments

The KY Dept. of Transportation has made the following advisory comment pertaining to State Application Identifier Number KY201406110617
Anderson (D8), Danny: no comments

The KY State Fish & Wildlife has made the following advisory comment pertaining to State Application Identifier Number KY201406110617

To minimize impacts to the aquatic environment the Kentucky Dept. of Fish & Wildlife Resources recommends that erosion control measures be developed and implemented prior to construction to reduce siltation into waterways located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

Additionally, KDFWR recommends the following for the portions of the project that crosses intermittent or perennial streams: Development/excavation in streams should be done during low flow periods to minimize disturbances. When crossing a stream, the pipe should be laid perpendicular to the stream bank to minimize the direct impacts to the streambed. We recommend that all instream disturbances be returned to a stable condition upon completion of stream pipeline crossing. Please contact Dan Stoelb @ 502-564-7109 ex. 4453 or Daniel.Stoelb@ky.gov if you have further questions or require additional information.

The Lake Cumberland ADD has made the following advisory comment pertaining to State Application Identifier Number KY201406110617
no comments

The Labor Cabinet has made the following advisory comment pertaining to State Application Identifier Number KY201406110617

STATE PW RATES MAY APPLY IF PROJECT EXCEEDS \$250,000.00. CONTACT THE KY LABOR CABINET AT 502 564 3534

The Housing, Building, Construction has made the following advisory comment pertaining to State Application Identifier Number KY201406110617
no comments

The Kentucky Infrastructure Agency has made the following advisory comment pertaining to State Application Identifier Number KY201406110617

Project Profile budget does not match the project budget submitted to eClearinghouse. The budgets will need to be reconciled. Please contact Kasey Hoskins with the Lake Cumberland Area Development District to update the project profile budget.

Project reviewed in the WRIS Project Profile by KIA staff.

The Natural Resources has made the following advisory comment pertaining to State Application Identifier Number KY201406110617



Barren Fork is an Outstanding State Resource Water with federally listed fish. All runoff from the project shall be contained so that it does not reach Barren Fork. John Brumley, Water Quality Branch, (502) 564-3410, John.Brumley@ky.gov. This review is based upon the information that was provided by the applicant through the Clearinghouse for this project. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications, or approvals that may be required from this agency under Kentucky Revised Statutes or Kentucky Administrative Regulations. Such endorsement means this agency has found no major concerns from the review of the proposed project as presented other than those stated as conditions or comments.

<http://www.heritage.ky.gov/siteprotect/> where you will find three separate documents to assist you in submitting additional information to our office for review. Those documents include a memo outlining the standardized Section 106 submission process, a Section 106 Cover sheet that must be included with all submissions to our office, and instructions for the proper completion of the required cover sheet and associated information. Please include the SAI# when submitting additional information to the Kentucky Heritage Council.

If you have questions, please contact Yvonne Sherrick of my staff at 502.564.7005, extension 113.

The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: sewer lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201406110617) when submitting plans and specifications.

Project consists of installing approximately 1,780 linear feet of 3-inch PVC standard direct ratio (SDR) 21 sewer force main, 2,690 linear feet of 2½-inch PVC SDR 21 sewer force main, 9,395 linear feet of 2-inch PVC SDR 21 sewer force main, and 1,860 linear feet of 1½-inch PVC SDR 21 sewer force main to serve 85 customers along Bridge Fork Pond Road (12), Lick Creek Road (20), Pine Ridge Road (27), Gene Jones Road (9), Farm Ridge Road (17) and Popular Ridge Road/KY 701 (sewer force main extension to Gene Jones and Pine Ridge Roads).

The Engineering Section of the Water Infrastructure Branch of the DOW does not oppose this project at this time; however, you need to submit Plans and Specification to the DOW for review. Construction of the wastewater component of this project shall not begin until written approval is received from the DOW. Mortaza Tabayeh, Water Infrastructure Branch, (502) 564-3410, Mortaza.Tabayeh@ky.gov.

No comment. Phil O'dell, Watershed Management Branch, (502) 564-3410, Phillip.O'Dell@ky.gov.

No comment. Sarah Gaddis, Compliance and Technical Assistance Branch, (502) 564-3410, Sarah.Gaddis@ky.gov.

The Division of Enforcement does not object to the project proposed by the applicant. Tim Harrod, Division of Enforcement, (502) 564-2150, Timothy.Harrod@ky.gov.

From the application data, DOW ascertains that the proposed project is not located in a floodplain area. Therefore, a floodplain construction permit is not required for this project. Julia Harrod, Watershed Management Branch, (502) 564-3410, Julia.Harrod@ky.gov.

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) storm water discharge permit.

Utility line projects that cross a stream will require a Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from DOW.



The Kentucky Division of Water supports the goals of EPA's Sustainable Infrastructure Initiative. This Initiative seeks to promote sustainable practices that will help to reduce the potential gap between funding needs and spending at the local and national level. The Sustainable Infrastructure Initiative will guide our efforts in changing how Kentucky views, values, manages, and invests in its water infrastructure. This website, www.epa.gov/waterinfrastructure/, contains information that will help you ensure your facility and operations are consistent with and can benefit from the aims of the Sustainable Infrastructure Initiative.

The Heritage Council has made the following advisory comment pertaining to State Application Identifier Number KY201406110617



The applicant must ensure compliance with the Advisory Council on Historic Preservation's Rules and Regulations for the Protection of Historic and Cultural Properties (36CFR, Part 800) pursuant to the National Historic Preservation Act of 1966, the National Environmental Policy Act of 1969, and Executive Order 11593.

Thank you for submitting your project for review. Currently, you have not provided enough information to determine this project's potential to impact sites listed or eligible for listing on the National Register of Historic Places.

Per the Section 106 regulations, it is expected that the applicant or responsible agency provide appropriate base information to our office to facilitate a review—including previously identified cultural resources that may be impacted by the proposed undertaking. You may not be aware, but effective July 8, 2013 we instituted a new Section 106 submission process to assist applicants and agencies in providing us the appropriate level of information to make our comments. Please refer to the following website

RECEIVED

SEP - 5 2014

ENVIRONMENTAL ASSESSMENT SERVICES, LLC

Phone: (270) 433-7256
Fax: (270) 433-6313
E-mail: bnorris@duo-county.com

2220 Celina Road
Burkesville, KY 42717

USFWS KYFC

2014-B-0840

September 3, 2014

No significant adverse impacts to wetlands or federally listed endangered or threatened species are anticipated from this proposal.

Mr. Lee Andrews
U.S. Fish & Wildlife Service
Kentucky Ecological Services Field Office
330 West Broadway, Suite 265
Frankfort, KY 40601

Virginia C. Under 9/15/14
Field Supervisor Date
U. S. Fish and Wildlife Service
Frankfort, KY 40601

Dear Mr. Andrews:

The McCreary County Water District, Whitley City, KY has applied for U.S. Army Corp of Engineers Section 531 funding to expand its existing sewer collector system. The proposed project consists of 22,525 LF of 3-inch, 2 ½-inch, 2-inch, and 1 ½-inch sewer force main in several heavily populated areas of McCreary County. The project will provide sanitary sewer service to approximately 85 households in an area that can be characterized by failing septic systems and straight pipes.

The District's consulting engineer has retained our services to assist with the environmental review of the proposed project.

The proposed sewer force main will be laid primarily in county roadways and on county highway right-of-way and will not require tree removal. There were no caves, underground mines, or rockshelters noted along the route of the sewer force main.

The force main will be laid near an ephemeral stream (a tributary to Lick Creek) at the intersection of Pine Ridge Road and Gene Jones Road (Lat: 36 42' 32"N, Long: 84 29' 25"W) but according to both the project engineer and the system manager, a stream crossing will not be required. In the unlikely event that a stream crossing is necessary, the crossing will be accomplished by directional bore.

A list of Endangered, Threatened and Candidate species with known habitat in McCreary County is enclosed. With proposed mitigation measures, it would appear that the project would not result in direct, indirect, or cumulative adverse effects to the listed species or habitat.

Direct Effects: With the proposed mitigation measures (directional boring of streambed, if applicable) and avoiding the need for tree removal), there should be minimal direct effects on listed species or critical habitat by the proposed project.

Indirect Effects: Utility projects, including sewer collector lines and grinder pumps, require periodic maintenance. However, any required maintenance on this project would be limited to the sewer force main easement (primarily county roadways and county right-of-way). Future sewer collector line extensions, due to feasibility issues, will only be extended to heavily populated areas and should be minimal.



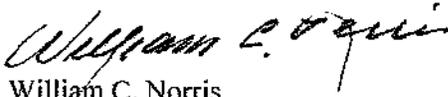
Cumulative Effects: Sanitary sewer service to rural areas historically has resulted in some build-up. The higher populated areas of the county are currently being served, or will be served, by the proposed project. The sewer force main in this project is sized to meet current needs and only provide for nominal growth in the area.

A “not likely to adversely affect” determination is hereby requested.

In addition, please advise as to any impact the proposed project may have on wetlands.

If additional information is needed, please contact me at (270) 433-7256.

Sincerely,

A handwritten signature in cursive script that reads "William C. Norris".

William C. Norris
Enclosures



United States Department of Agriculture

Natural Resources
Conservation Service

September 23, 2014

Owensboro Service Center
3100 Alvey Park Drive West
Owensboro, KY 42303
Voice 270.685.1707
Fax 855.635.4608

William Norris
Environmental Assessment Services, LLC
2220 Celina Road
Burkesville, KY 42717

Mr. Norris:

This letter is in response to your request for the identification of unique farmland that may exist on the expansion of the wastewater collection system for the McCreary County Water District in Whitley City.

As you mentioned in your letter, all the work will be done in the existing roadway or the road right-of-way. These areas are considered as previously converted ground and FPP would not apply to these areas. Also, since the proposed pipelines are all 3-inch and smaller, NRCS is not required to complete FPPA paperwork on these smaller-sized projects.

As for areas of potential wetlands, a map of hydric soils is included with this letter. As you can see by the map, all the areas are considered as "non-hydric" soil types.

If this office may be of additional assistance, please do not hesitate to contact our office in Somerset, KY by calling the District Conservationist, Joe Montgomery at 606-678-4842 ext. 3, or myself in Owensboro at 270-685-1707 ext. 131.

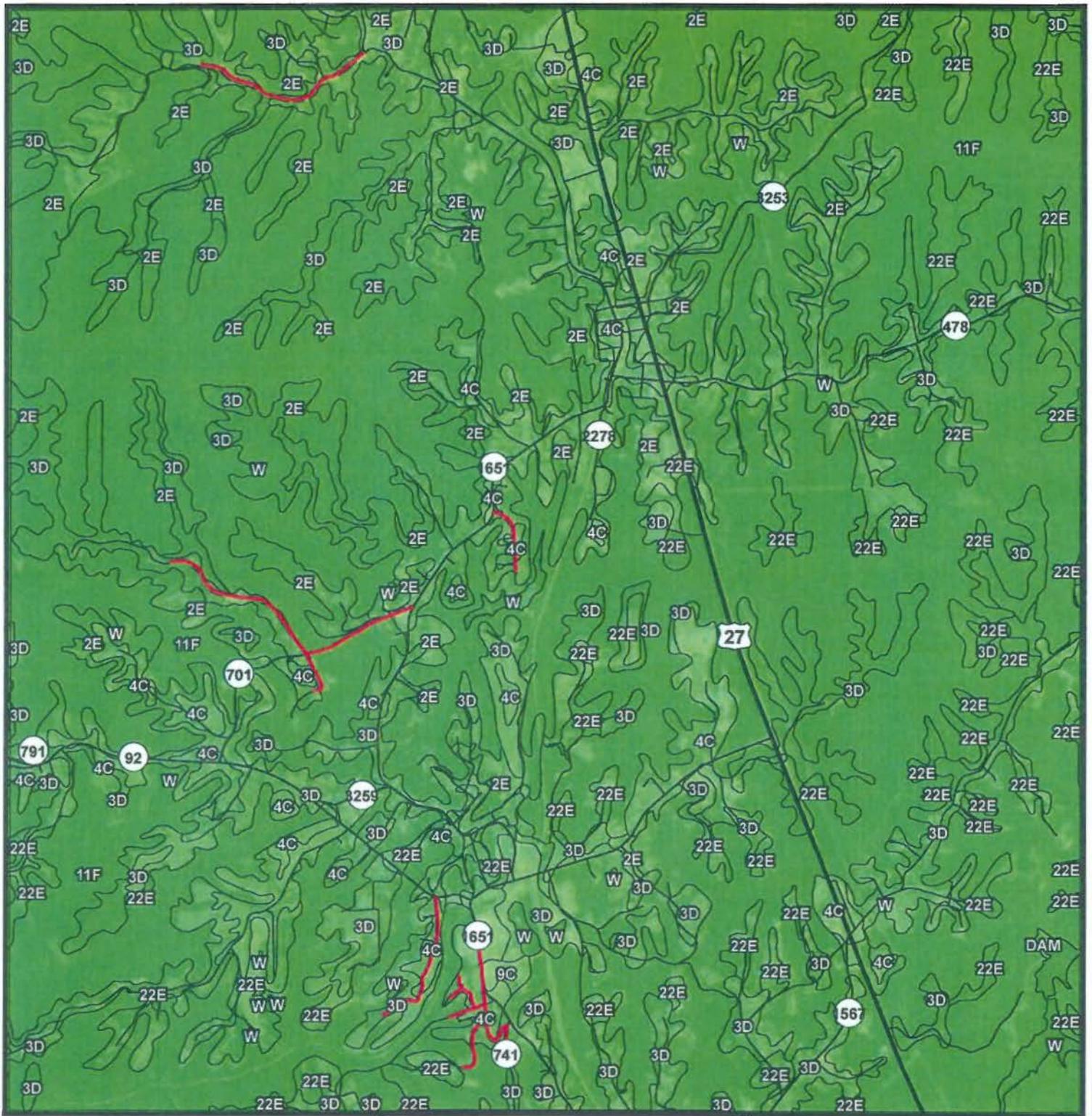
A handwritten signature in cursive script that reads "David Gehring".

DAVID GEHRING
Resource Soil Scientist, Owensboro, KY

Cc:
Joe Montgomery, District Conservationist, Somerset, KY

Farmland Conversion Impact Rating

McCreary County, KY



Hydric Soils Legend

- Sewers
- Hydric (100%)
- Predominantly Hydric (66 to 99%)
- Partially hydric (33 to 65%)
- Predominatly nonhydric (1 to 32%)
- Nonhydric (0%)
- Not rated or not available

Scale
1:31,680
 (1"=2,640 ft.)





STEVEN L. BESHEAR
GOVERNOR

**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL**

BOB STEWART
SECRETARY

THE STATE HISTORIC PRESERVATION OFFICE
300 WASHINGTON STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov

CRAIG A. POTTS
EXECUTIVE DIRECTOR AND
STATE HISTORIC PRESERVATION OFFICER

October 22, 2014

Mr. William C. Norris
Environmental Assessment Services, LLC
2220 Celina Road
Burkesville, KY 42717

**Re: McCreary County Water District
Sewer System Extension – Revelo to Stearns Phase I
SAI# KY 20140611-0617**

Dear Mr. Norris:

Thank you for your letter concerning the above referenced project. Based on the information provided and our review of the application, an archaeological or cultural historic survey should not be necessary for the proposed project area. We concur that the proposed undertaking should have No Effect to Historical Resources.

Should the project plans change, or should additional information become available regarding cultural resources or citizens' concerns regarding impacts to cultural resources, please submit that information to our office as additional consultation may be warranted.

In the event that human remains are encountered during project activities, all work should be immediately stopped in the area and the area cordoned off, and in accordance with KRS 72.020 the county coroner and local law enforcement must be contacted immediately. Upon confirmation that the human remains are not of forensic interest, the unanticipated discovery must be reported to the Kentucky Heritage Council and the Kentucky Office of State Archaeology in the Anthropology Department at the University of Kentucky.

Should you have any questions, feel free to contact Nick Laracuenta of my staff at 502.564.7005, extension 151.

Sincerely,

Craig A. Potts,
Executive Director and
State Historic Preservation Officer

CP:nrl KHC # 42687



DEPARTMENT OF THE ARMY
NASHVILLE DISTRICT, CORPS OF ENGINEERS
REGULATORY BRANCH
3701 BELL ROAD
NASHVILLE, TENNESSEE 37214

September 12, 2014

SUBJECT: Reference No. LRN-2014-00929; McCreary County Water District, Expansion of Existing Sewer Collector System, Whitley City, McCreary County, KY (Section 531 funding)

William C. Norris
Environmental Assessment Services, LLC
2220 Celina Road
Burkesville, KY 42717

Dear Mr. Norris:

This is in regard to your recent request if a Department of the Army permit would be required for the subject proposal.

The U.S. Army Corps of Engineers (USACE) has regulatory responsibilities pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) and Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403). Under Section 404, the USACE regulates the discharge of dredged and/or fill material into waters of the U.S., including wetlands. Under Section 10, the USACE regulates any work in, or affecting, navigable waters of the U.S.

A review of the information provided indicates the proposed activities would not involve work in waters of the US (streams and/or wetlands); therefore, a Department of the Army permit would not be required.

If you have questions regarding this matter, please contact me at the above address or telephone (615) 369-7504.

Sincerely,

Lisa Morris
Project Manager
Operations Division

Appendix C
Mailing List

**Section 531 Revelo to Stearns
Sewer System Extension Project
McCreary County, Kentucky
Draft Environmental Assessment
Mailing List**

Federal Agencies and Officials

The Honorable Mitch McConnell
United States Senate
601 W, Broadway, Room 630
Louisville, Kentucky 40202

The Honorable Paul Rand
United States Senate
1029 State Street
Bowling Green, Kentucky 42101

The Honorable Harold Rogers
United States House of Representatives
110 Resource Court, Suite A
Prestonsburg, Kentucky 41653

Mr. David Gehring
USDA Natural Resources Conservation
Service
3100 Alvey Park Drive West
Owensboro, Kentucky 42303

Ms. Jessica Miller
United States Fish and Wildlife Service
Kentucky Field Office
330 West Broadway, Suite 265
Frankfort, Kentucky 40601

U.S. Environmental Protection Agency
Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303

State Agencies and Officials

The Honorable Steve Beshear
Governor of Kentucky
700 Capitol Avenue, Suite 100
Frankfort, Kentucky 40601

Kentucky Division for Natural Resources
#2 Hudson Hollow
Frankfort, Kentucky 40601

Mr. Craig Potts
Kentucky Heritage Council
300 Washington Street
Frankfort, Kentucky 40601

Kentucky Department for Environmental
Protection
200 Fair Oaks Lane
Frankfort, Kentucky 40601

County Agencies and Officials

McCreary County Public Library
6 N Main St.
Whitley City, Kentucky 42653

Mr. Douglas Stephens
McCreary County Judge Executive
Floodplain Coordinator
P.O. Box 579
Whitley City, Kentucky 42653