

National Flood Hazard Layer FIRMette



37°22'25.05"N

83°6'43.79"W



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AP
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee, See Notes, Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone I

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
- 17.5 Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2020 at 10:47:59 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette



37°20'50.28"N

83°8'52.17"W



USGS The National Map: Orthoimagery, Data refreshed April, 2019.



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AH, AV, AR Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levees, See Notes, Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone I

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transsect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transsect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2020 at 11:03:53 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

National Flood Hazard Layer FIRMette

37°21'26.13"N



Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AQ, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee, See Notes, Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMIRs
- Area of Undetermined Flood Hazard Zone I

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
- 17.5 Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2020 at 11:25:09 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmoderized areas cannot be used for regulatory purposes.

USGS The National Map: Orthoimagery Data (refreshed April, 2019)



1:6,000



83°2'38.36"W

37°20'57.53"N



Exhibit 4

Natural Resource Conservation Service Correspondence



United States Department of Agriculture

Natural Resources Conservation Service
Owensboro USDA Service Center
3100 Alvey Park Drive W
Owensboro, KY 42303

February 28, 2020

Angelia Hall
Kentucky River Area Development District, Inc.
941 N. Main Street
Hazard, KY 41701

RE: KY RT 80/KY RT 476 INTERCONNECT PROJECT (WX21193040)

Dear Ms. Hall:

In response to your request from 2/21/2020 regarding the interconnection project in Perry County, Kentucky, the Natural Resources Conservation Service (NRCS) has no congressional authority for conducting Environmental Assessments (EA).

NRCS is mandated to provide information on the soils and/or impact to farmland according to the Farmland Protection Policy Act (P.L. 97-98) for projects that will be utilizing federal monies.

Based on the information contained in your request and accompanying maps, no conversion of agricultural lands (*prime, unique, or farmland of local or statewide importance*) will occur or be negatively impacted by the proposed undertaking. Therefore, this office has no additional concerns at this time.

If I may be of additional assistance, please do not hesitate to contact me.

Sincerely,

Perri Pedley
Soil Scientist
Perri. Pedley@usda.gov



Kentucky River

AREA
DEVELOPMENT
DISTRICT

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

February 21, 2020

CHAIRMAN

Pam Pilgrim

VICE-CHAIRMAN

Tracy Neice

Mayor

TREASURER

Terry Adams

Judge/Executive

SECRETARY

Gregory Whitson

PARLIAMENTARIAN

Laura Thomas

Mayor

BOARD OF DIRECTORS

County Judge Executives

- Jeff Noble - Breathitt Co.
- Jeff Dobson - Knott Co.
- Chuck Caudill - Lee Co.
- William R. Lewis - Leslie Co.
- Terry Adams - Letcher Co.
- Cale Turner - Owsley Co.
- Scott Alexander - Perry Co.
- Raymond Banks - Wolfe Co.

Mayors

- Laura Thomas - Jackson
- Tracy Neice - Hindman
- Scott Cornett - Pippa Passes
- Scott Jackson - Beattyville
- Carol Joseph - Hyden
- Susan Polis - Fleming-Neon
- James W. Craft - Whitesburg
- Todd DePriest - Jenkins
- Nelson Bobrowski - Booneville
- Ernest Back - Vicco
- Donald "Happy" Mobelini - Hazard
- Tom Burns - Buckhorn
- Kathi May - Campton

Citizen Members

- Roy Darrell Herald
- Gary Campbell
- Ray D. Moore
- Larry Parke
- Larry Perkins
- Zach Sandlin
- Hiram Cornett
- Eugene Stewart
- Everett Marshall
- Doug Brandenburg
- Fred Hall
- Jack Burkich
- Dale Bishop
- Derrick Bowling
- Neil Napier
- Gregory Whitson
- Meriwether Wash-Hall
- Pam Pilgrim
- Shirley Halcomb

Executive Director

Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

Perri Pedley

USDA Natural Resources Conservation Service

3100 Alvey Park Drive W

Owensboro, KY 42303

RE: KY RT 80/KY RT 476 Interconnect Project (WX21193040)

Dear Perri:

The Perry County Fiscal Court has received funding through the Abandoned Mine Lands Pilot Program and the Appalachian Regional Commission for the above referenced project. This project will establish three interconnections between the Knott County Water & Sewer District and the City of Hazard water system. These interconnections will be located at the intersection of RT 80 and RT 476 on the Knott and Perry County line, West Highway 550, and the junction of Ball Fork and RT 80.

The scope of this project consists of the construction of approximately 6,400 linear feet of 8" waterline and 2,500 linear feet of 6" waterline, a water storage tank, and two new pressure booster pump stations. Additionally, this project will upgrade two existing pressure booster pump stations and install three master meter tie-ins between the Knott County Water & Sewer District's system and the City of Hazard Water System.

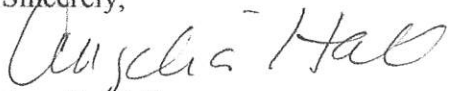
This project is primarily located along KY HWY 80 East and KY 476 in Perry County, Kentucky with upgrades being performed at the Montgomery Creek and Irishman Creek pump stations. This project will serve approximately 1,500 customers in Northern Perry County. Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There will also be approximately a quarter acre of tree and vegetation removal on the water storage tank construction site, an abandoned mining site that is privately owned by Kentucky River Properties. An easement will be obtained for this property. No existing farm land will be impacted by this project.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact

of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any environmental areas within your jurisdiction. I have enclosed a project location map and project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to: angelia@kradd.org. Thank you, for your time and assistance.

Sincerely,



Angelia Hall

Associate Director, CED

Exhibit 5

U.S. Fish and Wildlife Documentation

Kasey Malone

From: Garland, Jennifer <jennifer_garland@fws.gov>
Sent: Tuesday, May 12, 2020 7:59 AM
To: Angelia Hall
Cc: rjohnson@rmje.net
Subject: Re: [EXTERNAL] FW: additional information - KY RT 80/KT RT 476 Interconnect Project

Thanks Angelia,

Based on this information, the U.S. Fish and Wildlife Service believe that significant impacts to federally-listed species are not likely to result from this project as currently proposed. Project re-coordination is need if the project changes or if new species or critical habitats are listed that could be impacted by the project.

Thank you for your coordination on this project. Jennifer

Jennifer M. Garland
Deputy Field Supervisor
U.S Fish and Wildlife Service
KY Ecological Services Field Office
330 W. Broadway, Room 265
Frankfort, KY 40601
502.695.0468 x 46115 (office)
502.229.9063 (mobile)
502.695.1024 (fax)

**Check us out at <https://www.fws.gov/frankfort/>

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Angelia Hall <angelia@kradd.org>
Sent: Monday, May 11, 2020 3:00 PM
To: Garland, Jennifer <jennifer_garland@fws.gov>
Cc: rjohnson@rmje.net <rjohnson@rmje.net>
Subject: [EXTERNAL] FW: additional information - KY RT 80/KT RT 476 Interconnect Project

Jennifer,

The engineer has provided the following comments as an update. **"We were able to place the tank in an area (50'x50') with no tress in the footprint. The tank and access road are located on an pre-existing mining operation."**

What do we need to do from here?

angelia

From: Ron Johnson [mailto:rjohnson@rmje.net]
Sent: Monday, May 11, 2020 2:55 PM
To: Angelia Hall
Subject: Re: additional information - KY RT 80/KT RT 476 Interconnect Project

See comments below

Ronald M. Johnson, PE
R.M. Johnson Engineering, Inc

Lexington Office
3213 Summit Square Place
Suite 100
Lexington, KY 40509
(859) 543-1256 x255

Hindman Office
3376 RT 550 East
PO Box 444
Hindman, KY 41822
(606) 785-5926 x1

C (859) 967-4918

From: Angie Hall <angelia@kradd.org> on behalf of Angie Hall <angelia@kradd.org>
Date: Monday, May 11, 2020 at 8:16 AM
To: Ron Johnson <rjohnson@rmje.net>
Subject: FW: additional information - KY RT 80/KT RT 476 Interconnect Project

Ron,

Please see below and advise. Thanks!

Angelia

From: Garland, Jennifer [mailto:jennifer_garland@fws.gov]
Sent: Monday, May 11, 2020 7:54 AM
To: Angelia Hall
Subject: additional information - KY RT 80/KT RT 476 Interconnect Project

Ms. Hall

Thanks for the call Friday. Here is the information needed to move forward with an IBCF payment for impacts to the Indiana bat associated with this project, with some project specific comments in **Bold**

Also, I need to know if you want the IBCF payment to cover the Northern long-eared bat as well, or if you plan to use the Rangewide Biological Opinion for the 4d rule - instructions for using the 4d rule should be in your IPaC Species List letter. Either approach would address the species.

I also need a statement that standard BMPs will be used to minimize impacts to water quality during construction. If this is not true or a different approach is being taken, please let me know.

Needed information

___ Statement from the project proponent or consultant on behalf of proponent requesting to provide a contribution to the IBCF according to the *Conservation Strategy*

Project Information:

___ Description of the proposed project **RECEIVED**

___ Lat/Long for the project (if the project is a linear project, the starting and ending points of the project or a map depicting the route of the project must be provided) **RECEIVED**

Indiana bat Habitat Information:

___ Discussion of entire amount and type of forested habitat within the project boundary **RECEIVED**

___ Quantify amount of forested habitat to be removed and any avoidance or minimization measures that would be implemented to reduce the amount of forested habitat to be removed **Is 0.25 acres correct? We were able to place the tank in an area (50'x50') with no tress in the footprint. The tank and access road are located on an pre-existing mining operation.**

___ Provide methods for calculating amount of forested habitat removal (acreage, and/or linear and width dimensions, and/or number of individual isolated trees)

___ Provide site map with scale that clearly supports those areas and methodology where forested habitat is to be removed; displaying acreage, dimensions, etc. (see example below) **I just need a zoomed in map of the tree removal area - see above**

___ Identify the time of year forested habitat would be removed as defined on page 26 of the Kentucky Indiana Bat Mitigation Guidance

Applicant Information:

___ Official name of the project proponent

___ Address of the project proponent

___ Contact name of the project proponent

___ Contact name of the consultant (if applicable)

___ email address for contact

Additional Information

___ Provide a statement about the presence/absence of potential bat winter habitat (caves, cave like structures) in the proposed project area and, if present, how the proposed project may impact that habitat.

___ If not already completed, provide information to address other federally listed species that could potentially be impacted by the proposed project. Refer to the technical assistance letter you received from our office or contact our office if you need a technical assistance letter to identify other listed species that may be affected by the proposed project and recommendations about how to address those species. **RECEIVED**

Feel free to give me a call with any questions. Jennifer

Jennifer M. Garland

Deputy Field Supervisor
U.S Fish and Wildlife Service
KY Ecological Services Field Office
330 W. Broadway, Room 265
Frankfort, KY 40601
502.695.0468 x 46115 (office)
502.229.9063 (mobile)
502.695.1024 (fax)

**Check us out at <https://www.fws.gov/frankfort/>

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.



Kentucky River

AREA
DEVELOPMENT
DISTRICT

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

February 21, 2020

CHAIRMAN
Pam Pilgrim
VICE-CHAIRMAN
Tracy Neice
Mayor
TREASURER
Terry Adams
Judge/Executive
SECRETARY
Gregory Whitson
PARLIAMENTARIAN
Laura Thomas
Mayor

BOARD OF DIRECTORS

County Judge Executives

Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobilini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director
Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

US Fish and Wildlife Service
JC Watts Federal Building
330 West Broadway, Suite 265
Frankfort KY 40601

**RE: KY RT 80/KY RT 476 Interconnect Project (WX21193040);
IPaC Consultation Code: 04EK1000-2020-TA-0349**

Dear Sir or Madam:

The Perry County Fiscal Court has received funding through the Abandoned Mine Lands Pilot Program and the Appalachian Regional Commission for the above referenced project. This project will establish three interconnections between the Knott County Water & Sewer District and the City of Hazard water system. These interconnections will be located at the intersection of RT 80 and RT 476 on the Knott and Perry County line, West Highway 550, and the junction of Ball Fork and RT 80.

The scope of this project consists of the construction of approximately 6,400 linear feet of 8" waterline and 2,500 linear feet of 6" waterline, a water storage tank, and two new pressure booster pump stations. Additionally, this project will upgrade two existing pressure booster pump stations and install three master meter tie-in between the Knott County Water & Sewer District's system and the City of Hazard Water System.

This project is primarily located along KY HWY 80 East and KY 476 in Perry County, Kentucky with upgrades being performed at the Montgomery Creek and Irishman Creek pump stations. This project will serve approximately 1,500 customers in Northern Perry County. Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There will also be approximately a quarter acre of tree and vegetation removal on the water storage tank construction site, an abandoned mining site that is privately owned by Kentucky River Properties. An easement will be obtained for this property. The project will require a stream crossing which will all be done by sub fluvial horizontal directional drilling.

The IPaC species list, dated February 19, 2020, identifies four federally-listed endangered or threatened species; the Gray Bat (*Myotis grisescens*) – endangered, the Indiana Bat (*Myotis sodalis*) – endangered, the Northern Long-eared Bat (*Myotis septentrionalis*) – threatened, and the Kentucky Arrow Darter (*Etheostoma spilotum*) – threatened. No critical habitats are listed within the project area.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands; vegetation; and animal life (i.e. disruption or alteration of habitat); and potential impact upon endangered or threatened species. Is the option still available to pay the Bat Conservatory Fund for tree removal? I have enclosed a project location, floodplain, and wetlands map(s), and project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to: angelia@kradd.org. Thank you, for your time and assistance.

Sincerely,



Angelia Hall
Associate Director, CED

Exhibit 6

Kentucky Fish and Wildlife Correspondence



**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES**

Andy Beshear
Governor

#1 Sportsman's Lane
Frankfort, Kentucky 40601
Phone (502) 564-3400
1-800-858-1549
Fax (502) 564-0506
fw.ky.gov

Mike Berry
Secretary

Rich Storm
Commissioner

March 13, 2020

Kentucky River Area Development District
Attn: Angelia Hall
941 N. Main Street
Hazard, KY 41701

RE: KY RT 80/KY RT 476 Interconnect Project (WX21193040)

Dear Ms. Hall:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information regarding the subject project. Due to the presence of the federally listed Gray Bat (*Myotis grisescens*), Indiana Bat (*Myotis sodalis*), Northern Long-eared Bat (*Myotis septentrionalis*), and Kentucky Arrow Darter (*Etheostoma spilotum*) KDFWR recommends you contact the U. S. Fish and Wildlife Service – Kentucky Field Office at (502) 695-0468.

To minimize indirect impacts to the aquatic environment, the KDFWR 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.

I hope this information is helpful to you, if you have questions or require additional information, please call me at 502-892-4472.

Sincerely,

A handwritten signature in blue ink that reads "Doug Dawson".

Doug Dawson
Environmental Section Chief



Kentucky River

AREA
DEVELOPMENT
DISTRICT

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

February 21, 2020

CHAIRMAN
Pam Pilgrim

VICE-CHAIRMAN
Tracy Neice
Mayor

TREASURER
Terry Adams

Judge/Executive

SECRETARY

Gregory Whitson

PARLIAMENTARIAN

Laura Thomas
Mayor

BOARD OF DIRECTORS

County Judge Executives

Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobeilini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director
Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

Kentucky Department of Fish and Wildlife
#1 Sportsman's Lane
Frankfort KY 40601

**RE: KY RT 80/KY RT 476 Interconnect Project (WX21193040);
IPaC Consultation Code: 04EK1000-2020-TA-0349**

Dear Sir or Madam:

The Perry County Fiscal Court has received funding through the Abandoned Mine Lands Pilot Program and the Appalachian Regional Commission for the above referenced project. This project will establish three interconnections between the Knott County Water & Sewer District and the City of Hazard water system. These interconnections will be located at the intersection of RT 80 and RT 476 on the Knott and Perry County line, West Highway 550, and the junction of Ball Fork and RT 80.

The scope of this project consists of the construction of approximately 6,400 linear feet of 8" waterline and 2,500 linear feet of 6" waterline, a water storage tank, and two new pressure booster pump stations. Additionally, this project will upgrade two existing pressure booster pump stations and install three master meter tie-ins between the Knott County Water & Sewer District's system and the City of Hazard Water System.

This project is primarily located along KY HWY 80 East and KY 476 in Perry County, Kentucky with upgrades being performed at the Montgomery Creek and Irishman Creek pump stations. This project will serve approximately 1,500 customers in Northern Perry County. Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There will also be approximately a quarter acre of tree and vegetation removal on the water storage tank construction site, an abandoned mining site that is privately owned by Kentucky River Properties. An easement will be obtained for this property. The project will require a stream crossing which will all be done by sub fluvial horizontal directional drilling.

The IPaC species list, dated February 19, 2020, identifies four federally-

listed endangered or threatened species; the Gray Bat (*Myotis grisescens*) – endangered, the Indiana Bat (*Myotis sodalis*) – endangered, the Northern Long-eared Bat (*Myotis septentrionalis*) – threatened, and the Kentucky Arrow Darter (*Etheostoma spilotum*) – threatened. No critical habitats are listed within the project area.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands, vegetation and animal life and endangered/threatened species. I have enclosed a project location, floodplain, and wetland map(s) and a project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to: angelia@kradd.org. Thank you, for your time and assistance.

Sincerely,



Angelia Hall

Associate Director, CED

EXHIBIT 7
Wild and Scenic River Data



Wendell H Ford
Airport



Legend ↗



KENTUCKY

Kentucky has approximately 49,105 miles of river, of which 19.4 miles of one river are designated as wild & scenic—less than 4/100ths of 1% of the state's river miles.

+

-

Wendell H Ford
Airport

Legend ↗

Choose A State ▾	Go
Choose A River ▾	Go

Nourished by the fertile soils of the region, rivers of the Midwest explode with life, from great avian migrations to ancient fishes.

[+ View larger map](#)

Red River



Designated Rivers

About WSR Act
State Listings
Profile Pages

National System

WSR Table
Study Rivers
Stewardship
WSR Legislation

River Management

Council
Agencies
Management Plans
River Mgt. Society
GIS Mapping

Resources

Q & A Search
Bibliography
Publications
GIS Mapping
Logo & Sign Standards

Exhibit 8
Air Quality Data



ANDY BESHEAR
GOVERNOR

REBECCA W. GOODMAN
SECRETARY

**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601
TELEPHONE: 502-564-2150
TELEFAX: 502-564-4245

June 23, 2020

Kentucky River Area Development District, Inc.
941 N. Main St.
Hazard, KY 41701

Re: Perry County Fiscal Court-KY RT 80/KY RT 47 Interconnect Project-SERO 2020-19

Dear Kasey Malone,

The Energy and Environment Cabinet serves as the state clearinghouse for review of environmental documents generated pursuant to the National Environmental Policy Act (NEPA). Within the Cabinet, the Commissioner's Office in the Department for Environmental Protection coordinates the review for Kentucky state agencies. We received your letter requesting an environmental review for this project. We have reviewed the document and provided comments below.

Division of Water

Water Infrastructure Branch:

This project will likely help to increase Technical, Managerial, and Financial (TMF) capacity for the Hazard Water Department. Any recommendations listed within the Sanitary Survey results letter (dated October 31, 2019,) which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

Submit all plans and specifications to DOW for review and approval prior to the start of construction. Additionally, if this is a new interconnect, ensure disinfection protocols for both treatment plants are compatible with each other. Questions should be directed to Mollye Malone, Engineering Section, (502) 782-0148, Mollye.Malone@ky.gov.

Water Quality Branch:

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters. Questions should be directed to Andrea Fredenburg, Water Quality Branch, (502) 782-6950, Andrea.Fredenburg@ky.gov.

Water Resources Branch:

An Equal Opportunity Employer M/F/D

For pipeline stream crossings that are not covered under 401 KAR 4:050, a Kentucky DOW Application for Permit to Construct Across or Along a Stream must be submitted. Questions should be directed to Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

Watershed Management:

The portion of the project involving the pump station along Big Branch Road is within the Hazard Water District designated Source Water Protection Area, Zone 3 (Zone of Potential Impact). Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

The proposed work is endorsed by the Groundwater Section of the Watershed Management Branch. However, there are domestic groundwater water well users in the vicinity of the proposed work. It is our recommendation that site be made aware of the requirements of 401 KAR 5:037 and the need to develop a Groundwater Protection Plan (GPP) for the protection of groundwater resources within that area. Questions should be directed to Adam Nolte, Groundwater Section, (502) 782-1312, Adam.Nolte@ky.gov or Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov.

Field Operations Branch:

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@ky.gov.

Enforcement Branch:

The Division of Enforcement does not object to the project proposed by the applicant. Questions should be directed to Tim Harrod, Division of Enforcement, (502) 782-6858, Timothy.Harrod@ky.gov.

Division of Waste Management

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

Active Sites:

Cardinal Country Store 11

MASTER AI ID: 60276
LONGITUDE: -83.11259
LATITUDE: 37.35725

County Line Food Mart

MASTER AI ID: 68935
LONGITUDE: -83.1114
LATITUDE: 37.342400000000005

Closed Sites:

Combs Service Station

MASTER AI ID: 58662
LONGITUDE: -83.1197691
LATITUDE: 37.34070501

Bi-Rite Produce

MASTER AI ID: 70257
LONGITUDE: -83.117201
LATITUDE: 37.341955

Verns Quick Mart

MASTER AI ID: 63135
LONGITUDE: -83.11527799999999
LATITUDE: 37.354943999999996

If any UST's are encountered during the project construction they should be reported to KDWM. Any UST issues or questions should be directed to the UST Branch.

Appalachian Mining - Ploof Trucking Wreck

MASTER AI ID: 52404
SUBJECT ITEM DESIGNATION: 2840
CLOSURE OPTION DESC: Option A No Action Necessary
CLOSURE DATE: 11/17/2004
LAT LONG SOURCE: SI
LONGITUDE: -83.10611
LATITUDE: 37.36889

Superfund Branch records indicate the following superfund site issues identified within the project impact area. Any superfund issues or questions should be directed to the Superfund Branch.

Solid Waste Branch records indicate no active or historic landfill sites within the project impact area. Any solid waste issues or questions should be directed to the Solid Waste Branch.

Hazardous Waste Branch records indicate no hazardous waste issues identified within the project impact area. Any hazardous waste issues or questions should be directed to the Hazardous Waste Branch.

RLA Branch records indicate no RLA tracked open dumps within the project impact area. Any questions or issues should be directed to the RLA Branch.

All solid waste generated by this project must be disposed of at a permitted facility.

If asbestos, lead paint and/or other contaminants are encountered during this project contact the Division of Waste Management for proper disposal and closure.

The information provided is based on those facilities or sites that KDWM currently has in its database. If you would like additional information on any of these facilities or sites, you may contact the file room custodian at (502) 782-6357. Please keep in mind additional locations of releases, potential contamination or waste facilities may be present but unknown to the agency. Therefore, it is recommended that appropriate precautions be taken during construction activities. Please report any evidence of illegal waste disposal facilities and releases of hazardous substances, pollutants, contaminants or petroleum to the 24-hour Environmental Response Team at 1-800-928-2380.

Division for Air Quality

401 KAR 63:010, Fugitive Emissions, states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth-moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <https://eec.ky.gov/Environmental-Protection/Air/Documents/Fugitive%20Dust%20Fact%20Sheet.pdf>

401 KAR 63:005 states that open burning shall be prohibited except as specifically provided. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Brochure located at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Open-Burning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. These air quality control strategies are beneficial to the health of citizens of Kentucky.

- Utilize alternatively fueled equipment.
- Utilize other emission controls that are applicable to your equipment.
- Reduce idling time on equipment.

The Division also suggests an investigation into compliance with applicable local government regulations.

Kentucky Nature Preserves

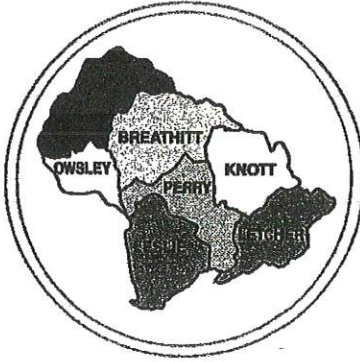
Your project might have the potential of impacting federally or state listed species and natural communities. Go to the Kentucky Biological Assessment Tool (kynaturepreserves.org) to obtain a Standard Occurrence Report for information regarding listed species known within your project area. The report will also provide information on public and private conservation lands, areas of biodiversity significance, and other natural resources in your project area for which the Office of Kentucky Nature Preserves maintains data.

This review is based upon the information that was provided by the applicant. 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. If you should have any questions, please contact me at (502) 782-0863 or e-mail Louanna.Aldridge@ky.gov.

Sincerely,



Louanna Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet



Kentucky River

**AREA
DEVELOPMENT
DISTRICT**

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

May 5, 2020

CHAIRMAN
Pam Pilgrim
VICE-CHAIRMAN
Tracy Neice
Mayor
TREASURER
Terry Adams
Judge/Executive
SECRETARY
Gregory Whitson
PARLIAMENTARIAN
Laura Thomas
Mayor

BOARD OF DIRECTORS

County Judge Executives

Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polls - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobellini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director

Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

Department for Environmental Protection Division for Air Quality 300
Sower Blvd, 2nd Floor Frankfort, KY 40601

RE: KY RT 80/KY RT 476 Interconnect Project (WX21193040)

Dear Sir or Madam:

The Perry County Fiscal Court has received funding through the Abandoned Mine Lands Pilot Program and the Appalachian Regional Commission for the above referenced project. This project will establish three interconnections between the Knott County Water & Sewer District and the City of Hazard water system. These interconnections will be located at the intersection of RT 80 and RT 476 on the Knott and Perry County line, West Highway 550, and the junction of Ball Fork and RT 80.

The scope of this project consists of the construction of approximately 6,400 linear feet of 8" waterline and 2,500 linear feet of 6" waterline, a water storage tank, and two new pressure booster pump stations. Additionally, this project will upgrade two existing pressure booster pump stations and install three master meter tie-ins between the Knott County Water & Sewer District's system and the City of Hazard Water System.

This project is primarily located along KY HWY 80 East and KY 476 in Perry County, Kentucky with upgrades being performed at the Montgomery Creek and Irishman Creek pump stations. This project will serve approximately 1,500 customers in Northern Perry County. Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There will also be approximately a quarter acre of tree and vegetation removal on the water storage tank construction site, an abandoned mining site that is privately owned by Kentucky River Properties. An easement will be obtained for this property.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any environmental areas within your jurisdiction. I have enclosed a project location map and project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to: angelia@kradd.org. Thank you, for your time and assistance.

Sincerely,

Angelia Hall

Angelia Hall
Associate Director, CE

Exhibit 9

Division of Water Correspondence



ANDY BESHEAR
GOVERNOR

REBECCA W. GOODMAN
SECRETARY

**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601
TELEPHONE: 502-564-2150
TELEFAX: 502-564-4245

June 23, 2020

Kentucky River Area Development District, Inc.
941 N. Main St.
Hazard, KY 41701

Re: Perry County Fiscal Court-KY RT 80/KY RT 47 Interconnect Project-SERO 2020-19

Dear Kasey Malone,

The Energy and Environment Cabinet serves as the state clearinghouse for review of environmental documents generated pursuant to the National Environmental Policy Act (NEPA). Within the Cabinet, the Commissioner's Office in the Department for Environmental Protection coordinates the review for Kentucky state agencies. We received your letter requesting an environmental review for this project. We have reviewed the document and provided comments below.

Division of Water

Water Infrastructure Branch:

This project will likely help to increase Technical, Managerial, and Financial (TMF) capacity for the Hazard Water Department. Any recommendations listed within the Sanitary Survey results letter (dated October 31, 2019,) which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

Submit all plans and specifications to DOW for review and approval prior to the start of construction. Additionally, if this is a new interconnect, ensure disinfection protocols for both treatment plants are compatible with each other. Questions should be directed to Mollye Malone, Engineering Section, (502) 782-0148, Mollye.Malone@ky.gov.

Water Quality Branch:

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters. Questions should be directed to Andrea Fredenburg, Water Quality Branch, (502) 782-6950, Andrea.Fredenburg@ky.gov.

Water Resources Branch:

An Equal Opportunity Employer M/F/D

For pipeline stream crossings that are not covered under 401 KAR 4:050, a Kentucky DOW Application for Permit to Construct Across or Along a Stream must be submitted. Questions should be directed to Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

Watershed Management:

The portion of the project involving the pump station along Big Branch Road is within the Hazard Water District designated Source Water Protection Area, Zone 3 (Zone of Potential Impact). Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

The proposed work is endorsed by the Groundwater Section of the Watershed Management Branch. However, there are domestic groundwater water well users in the vicinity of the proposed work. It is our recommendation that site be made aware of the requirements of 401 KAR 5:037 and the need to develop a Groundwater Protection Plan (GPP) for the protection of groundwater resources within that area. Questions should be directed to Adam Nolte, Groundwater Section, (502) 782-1312, Adam.Nolte@ky.gov or Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov.

Field Operations Branch:

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@ky.gov.

Enforcement Branch:

The Division of Enforcement does not object to the project proposed by the applicant. Questions should be directed to Tim Harrod, Division of Enforcement, (502) 782-6858, Timothy.Harrod@ky.gov.

Division of Waste Management

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

Active Sites:

Cardinal Country Store 11

MASTER AI ID: 60276

LONGITUDE: -83.11259

LATITUDE: 37.35725

County Line Food Mart

MASTER AI ID: 68935

LONGITUDE: -83.1114

LATITUDE: 37.342400000000005

Closed Sites:

Combs Service Station

MASTER AI ID: 58662
LONGITUDE: -83.1197691
LATITUDE: 37.34070501

Bi-Rite Produce

MASTER AI ID: 70257
LONGITUDE: -83.117201
LATITUDE: 37.341955

Verns Quick Mart

MASTER AI ID: 63135
LONGITUDE: -83.11527799999999
LATITUDE: 37.354943999999996

If any UST's are encountered during the project construction they should be reported to KDWM. Any UST issues or questions should be directed to the UST Branch.

Appalachian Mining - Ploof Trucking Wreck

MASTER AI ID: 52404
SUBJECT ITEM DESIGNATION: 2840
CLOSURE OPTION DESC: Option A No Action Necessary
CLOSURE DATE: 11/17/2004
LAT LONG SOURCE: SI
LONGITUDE: -83.10611
LATITUDE: 37.36889

Superfund Branch records indicate the following superfund site issues identified within the project impact area. Any superfund issues or questions should be directed to the Superfund Branch.

Solid Waste Branch records indicate no active or historic landfill sites within the project impact area. Any solid waste issues or questions should be directed to the Solid Waste Branch.

Hazardous Waste Branch records indicate no hazardous waste issues identified within the project impact area. Any hazardous waste issues or questions should be directed to the Hazardous Waste Branch.

RLA Branch records indicate no RLA tracked open dumps within the project impact area. Any questions or issues should be directed to the RLA Branch.

All solid waste generated by this project must be disposed of at a permitted facility.

If asbestos, lead paint and/or other contaminants are encountered during this project contact the Division of Waste Management for proper disposal and closure.

The information provided is based on those facilities or sites that KDWM currently has in its database. If you would like additional information on any of these facilities or sites, you may contact the file room custodian at (502) 782-6357. Please keep in mind additional locations of releases, potential contamination or waste facilities may be present but unknown to the agency. Therefore, it is recommended that appropriate precautions be taken during construction activities. Please report any evidence of illegal waste disposal facilities and releases of hazardous substances, pollutants, contaminants or petroleum to the 24-hour Environmental Response Team at 1-800-928-2380.

Division for Air Quality

401 KAR 63:010, Fugitive Emissions, states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth-moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <https://eec.ky.gov/Environmental-Protection/Air/Documents/Fugitive%20Dust%20Fact%20Sheet.pdf>

401 KAR 63:005 states that open burning shall be prohibited except as specifically provided. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Brochure located at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Open-Burning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. These air quality control strategies are beneficial to the health of citizens of Kentucky.

- Utilize alternatively fueled equipment.
- Utilize other emission controls that are applicable to your equipment.
- Reduce idling time on equipment.

The Division also suggests an investigation into compliance with applicable local government regulations.

Kentucky Nature Preserves

Your project might have the potential of impacting federally or state listed species and natural communities. Go to the Kentucky Biological Assessment Tool (kynaturepreserves.org) to obtain a Standard Occurrence Report for information regarding listed species known within your project area. The report will also provide information on public and private conservation lands, areas of biodiversity significance, and other natural resources in your project area for which the Office of Kentucky Nature Preserves maintains data.

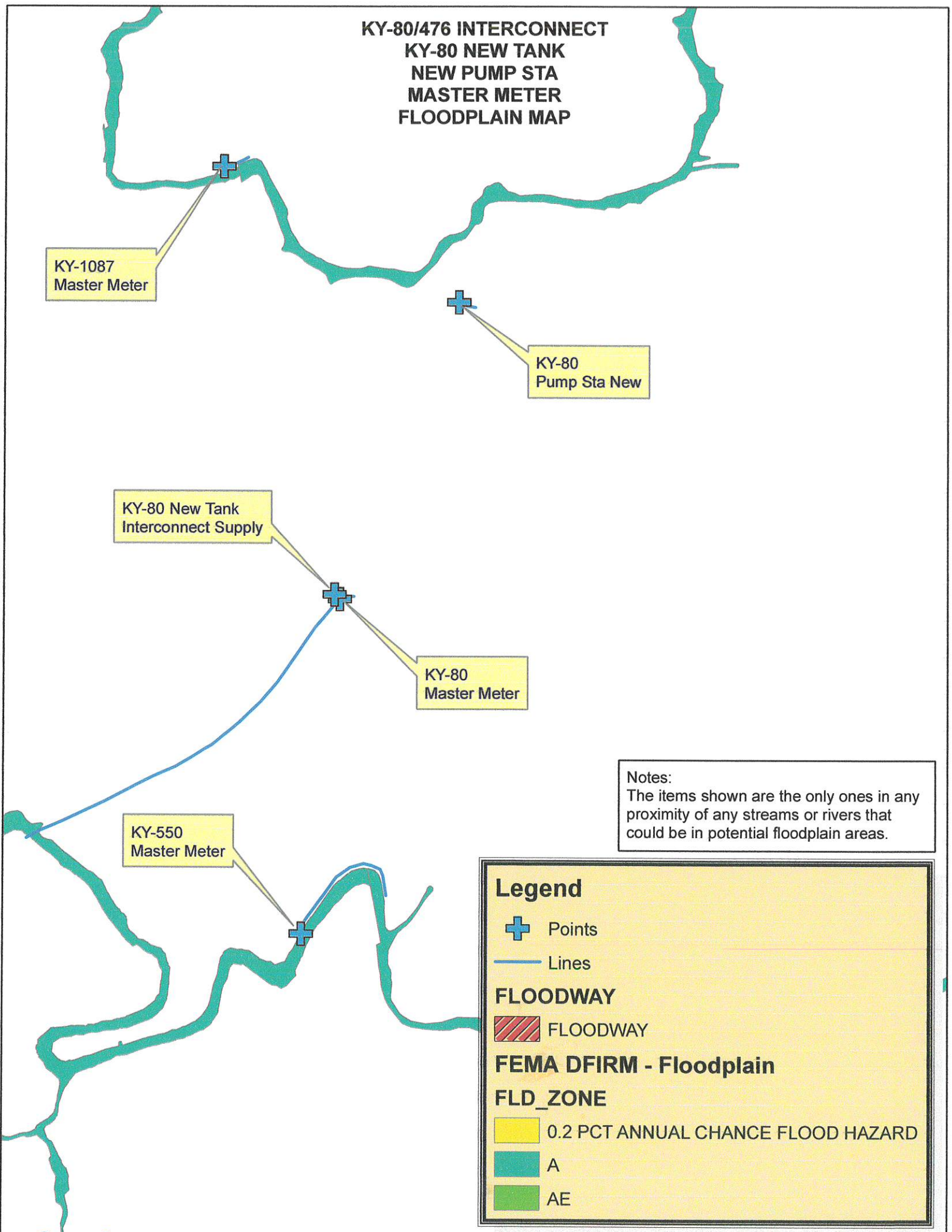
This review is based upon the information that was provided by the applicant. An endorsement of this project does not satisfy, or imply, the acceptance or issuance of any permits, certifications or approvals that may be required from this agency under Kentucky Revised Statutes or Kentucky Administrative 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. If you should have any questions, please contact me at (502) 782-0863 or e-mail Louanna.Aldridge@ky.gov.

Sincerely,



Louanna Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet

**KY-80/476 INTERCONNECT
 KY-80 NEW TANK
 NEW PUMP STA
 MASTER METER
 FLOODPLAIN MAP**



KY-1087
Master Meter

KY-80
Pump Sta New



KY-80 New Tank
Interconnect Supply

KY-80
Master Meter


KY-550
Master Meter

Notes:
 The items shown are the only ones in any
 proximity of any streams or rivers that
 could be in potential floodplain areas.

Legend




-  Points
-  Lines

FLOODWAY

-  FLOODWAY

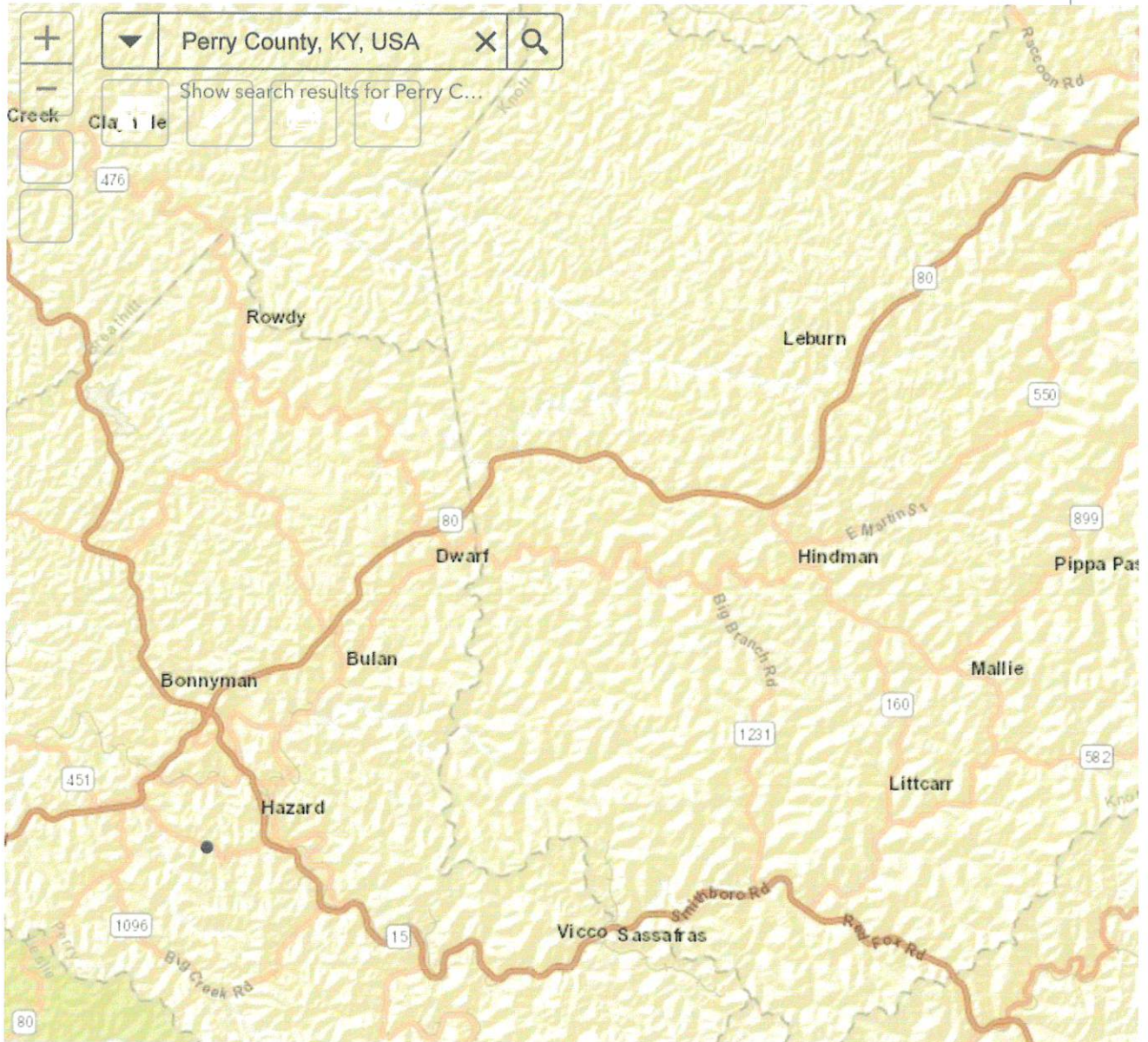
FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE



Sole Source Aquifers



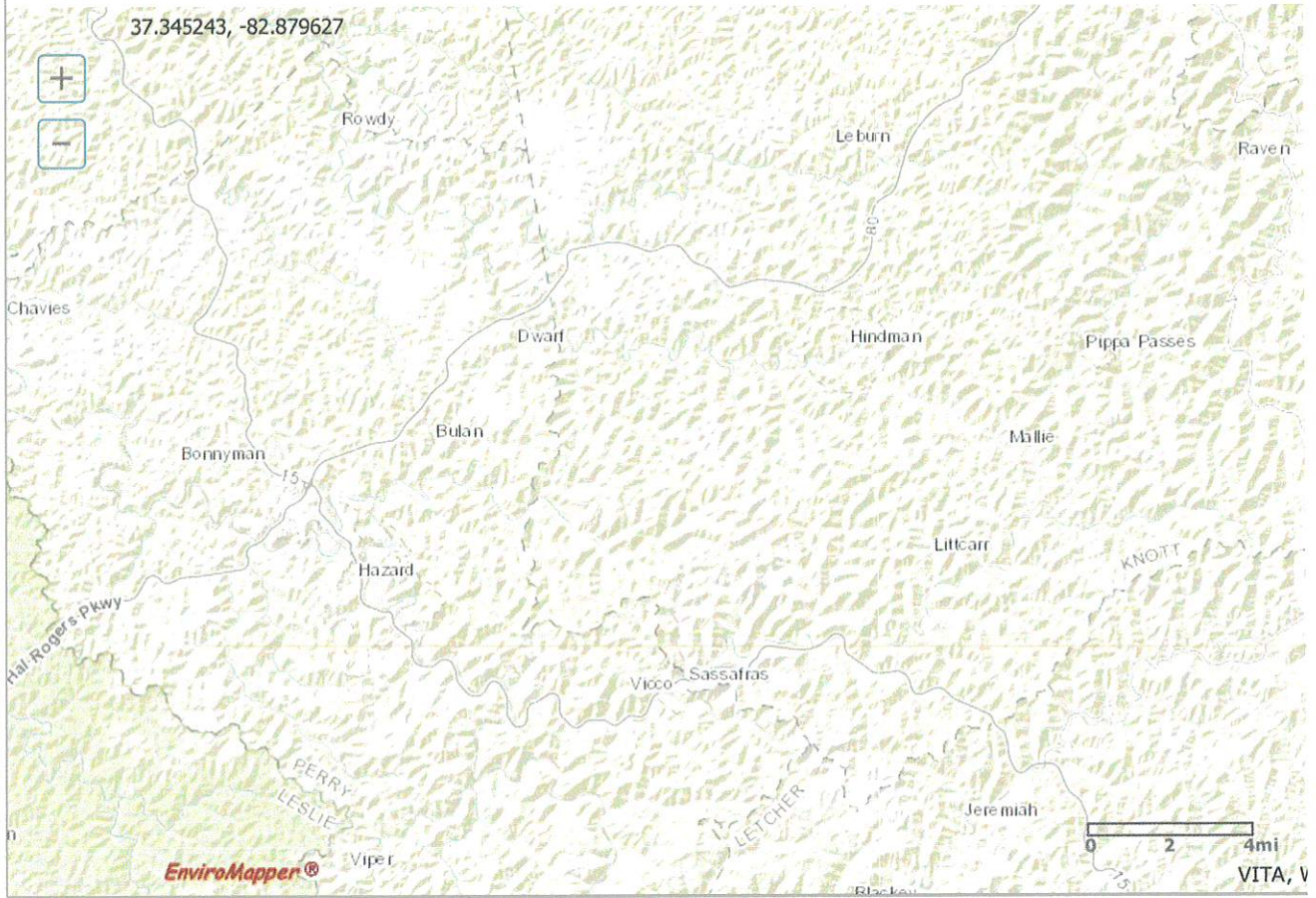
-82.908 37.268 Degrees

EnviroMapper

Search Place: Hazard, Kentucky

Basemap

Tools





Kentucky River

AREA
DEVELOPMENT
DISTRICT

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

CHAIRMAN
Pam Pilgrim
VICE-CHAIRMAN
Tracy Neice
Mayor
TREASURER
Terry Adams
Judge/Executive
SECRETARY
Gregory Whitson
PARLIAMENTARIAN
Laura Thomas Mayor

BOARD OF DIRECTORS

County Judge Executives

Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director

Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

May 22, 2020

Louanna Aldridge
Office of the Commissioner
300 Sower Blvd., 2nd Floor
Frankfort, KY 40601

RE: Perry County Fiscal Court- KY RT 80/KY RT 476 Interconnect Project

Dear Louanna:

The Kentucky River Area Development District has been asked to undertake a NEPA environmental review of the above referenced project to determine the impact of the proposed activities. Please provide comments from the following Divisions under the Kentucky Department for Environmental Protection jurisdiction:

- Division of Water
- Division of Water – Floodplain Management
- Division of Waste Management

There will be ground disturbance on previously disturbed highway right-of-way and existing easements during this project. I would appreciate your office reviewing this project and its potential impact(s) on any environmental areas within your jurisdiction. I have enclosed a project location map and project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to: kasey@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Kasey Malone

Kasey Malone
Community and Economic Development Specialist

Exhibit 10
Site Contamination Data

EnviroMapper

Search Place: Hazard, Kentucky

Basemap Tools

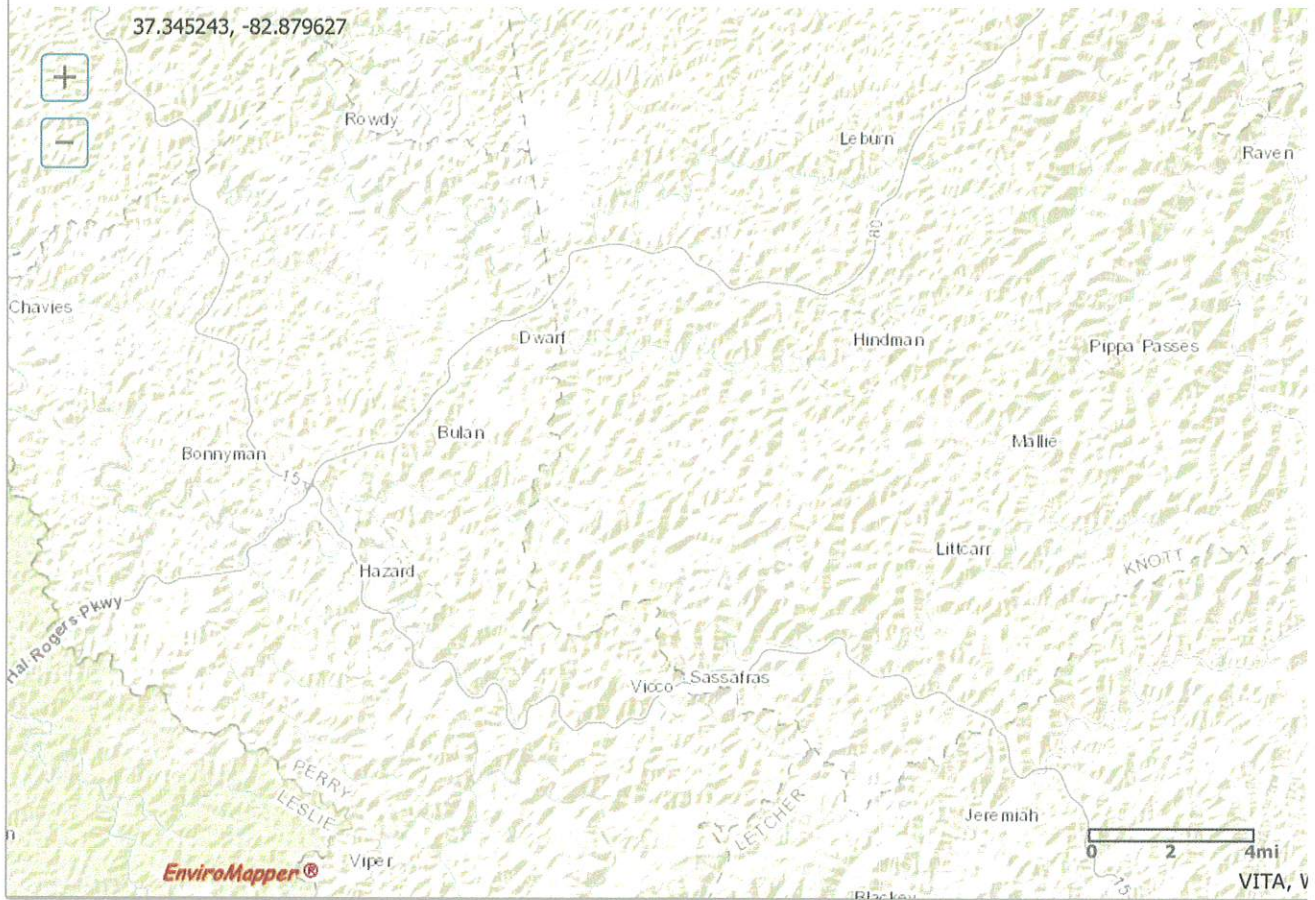
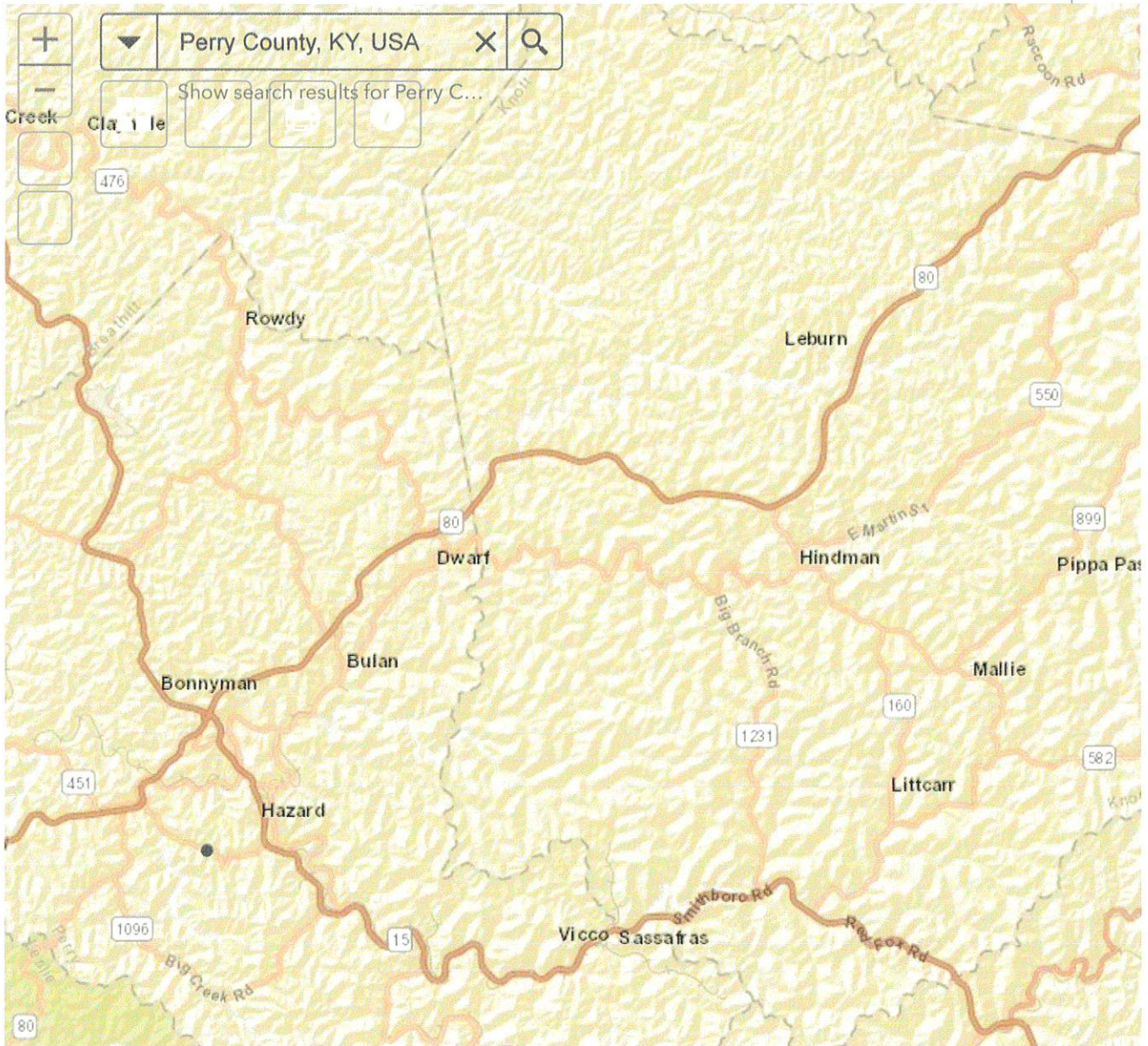


Exhibit 11
Sole Source Aquifer Data



Sole Source Aquifers



Scale bar
-82.908 37.268 Degrees

Exhibit 12

Division of Waste Management Correspondence



ANDY BESHEAR
GOVERNOR

REBECCA W. GOODMAN
SECRETARY

**ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION**

ANTHONY R. HATTON
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601
TELEPHONE: 502-564-2150
TELEFAX: 502-564-4245

June 23, 2020

Kentucky River Area Development District, Inc.
941 N. Main St.
Hazard, KY 41701

Re: Perry County Fiscal Court-KY RT 80/KY RT 47 Interconnect Project-SERO 2020-19

Dear Kasey Malone,

The Energy and Environment Cabinet serves as the state clearinghouse for review of environmental documents generated pursuant to the National Environmental Policy Act (NEPA). Within the Cabinet, the Commissioner's Office in the Department for Environmental Protection coordinates the review for Kentucky state agencies. We received your letter requesting an environmental review for this project. We have reviewed the document and provided comments below.

Division of Water

Water Infrastructure Branch:

This project will likely help to increase Technical, Managerial, and Financial (TMF) capacity for the Hazard Water Department. Any recommendations listed within the Sanitary Survey results letter (dated October 31, 2019,) which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

Submit all plans and specifications to DOW for review and approval prior to the start of construction. Additionally, if this is a new interconnect, ensure disinfection protocols for both treatment plants are compatible with each other. Questions should be directed to Mollye Malone, Engineering Section, (502) 782-0148, Mollye.Malone@ky.gov.

Water Quality Branch:

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters. Questions should be directed to Andrea Fredenburg, Water Quality Branch, (502) 782-6950, Andrea.Fredenburg@ky.gov.

Water Resources Branch:

An Equal Opportunity Employer M/F/D

For pipeline stream crossings that are not covered under 401 KAR 4:050, a Kentucky DOW Application for Permit to Construct Across or Along a Stream must be submitted. Questions should be directed to Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

Watershed Management:

The portion of the project involving the pump station along Big Branch Road is within the Hazard Water District designated Source Water Protection Area, Zone 3 (Zone of Potential Impact). Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

The proposed work is endorsed by the Groundwater Section of the Watershed Management Branch. However, there are domestic groundwater water well users in the vicinity of the proposed work. It is our recommendation that site be made aware of the requirements of 401 KAR 5:037 and the need to develop a Groundwater Protection Plan (GPP) for the protection of groundwater resources within that area. Questions should be directed to Adam Nolte, Groundwater Section, (502) 782-1312, Adam.Nolte@ky.gov or Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov.

Field Operations Branch:

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@ky.gov.

Enforcement Branch:

The Division of Enforcement does not object to the project proposed by the applicant. Questions should be directed to Tim Harrod, Division of Enforcement, (502) 782-6858, Timothy.Harrod@ky.gov.

Division of Waste Management

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

Active Sites:

Cardinal Country Store 11

MASTER AI ID: 60276

LONGITUDE: -83.11259

LATITUDE: 37.35725

County Line Food Mart

MASTER AI ID: 68935

LONGITUDE: -83.1114

LATITUDE: 37.342400000000005

Closed Sites:

Combs Service Station

MASTER AI ID: 58662
LONGITUDE: -83.1197691
LATITUDE: 37.34070501

Bi-Rite Produce

MASTER AI ID: 70257
LONGITUDE: -83.117201
LATITUDE: 37.341955

Verns Quick Mart

MASTER AI ID: 63135
LONGITUDE: -83.11527799999999
LATITUDE: 37.354943999999996

If any UST's are encountered during the project construction they should be reported to KDWM. Any UST issues or questions should be directed to the UST Branch.

Appalachian Mining - Ploof Trucking Wreck

MASTER AI ID: 52404
SUBJECT ITEM DESIGNATION: 2840
CLOSURE OPTION DESC: Option A No Action Necessary
CLOSURE DATE: 11/17/2004
LAT LONG SOURCE: SI
LONGITUDE: -83.10611
LATITUDE: 37.36889

Superfund Branch records indicate the following superfund site issues identified within the project impact area. Any superfund issues or questions should be directed to the Superfund Branch.

Solid Waste Branch records indicate no active or historic landfill sites within the project impact area. Any solid waste issues or questions should be directed to the Solid Waste Branch.

Hazardous Waste Branch records indicate no hazardous waste issues identified within the project impact area. Any hazardous waste issues or questions should be directed to the Hazardous Waste Branch.

RLA Branch records indicate no RLA tracked open dumps within the project impact area. Any questions or issues should be directed to the RLA Branch.

All solid waste generated by this project must be disposed of at a permitted facility.

If asbestos, lead paint and/or other contaminants are encountered during this project contact the Division of Waste Management for proper disposal and closure.

The information provided is based on those facilities or sites that KDWM currently has in its database. If you would like additional information on any of these facilities or sites, you may contact the file room custodian at (502) 782-6357. Please keep in mind additional locations of releases, potential contamination or waste facilities may be present but unknown to the agency. Therefore, it is recommended that appropriate precautions be taken during construction activities. Please report any evidence of illegal waste disposal facilities and releases of hazardous substances, pollutants, contaminants or petroleum to the 24-hour Environmental Response Team at 1-800-928-2380.

Division for Air Quality

401 KAR 63:010, Fugitive Emissions, states that no person shall cause, suffer, or allow any material to be handled, processed, transported, or stored without taking reasonable precaution to prevent particulate matter from becoming airborne. Additional requirements include the covering of open bodied trucks, operating outside the work area transporting materials likely to become airborne, and that no one shall allow earth or other material being transported by truck or earth-moving equipment to be deposited onto a paved street or roadway. Please note the Fugitive Emissions Fact Sheet located at <https://eec.ky.gov/Environmental-Protection/Air/Documents/Fugitive%20Dust%20Fact%20Sheet.pdf>

401 KAR 63:005 states that open burning shall be prohibited except as specifically provided. Open Burning is defined as the burning of any matter in such a manner that the products of combustion resulting from the burning are emitted directly into the outdoor atmosphere without passing through a stack or chimney. However, open burning may be utilized for the expressed purposes listed on the Open Burning Brochure located at <https://eec.ky.gov/Environmental-Protection/Air/Pages/Open-Burning.aspx>

The Division would like to offer the following suggestions on how this project can help us stay in compliance with the NAAQS. These air quality control strategies are beneficial to the health of citizens of Kentucky.

- Utilize alternatively fueled equipment.
- Utilize other emission controls that are applicable to your equipment.
- Reduce idling time on equipment.

The Division also suggests an investigation into compliance with applicable local government regulations.

Kentucky Nature Preserves

Your project might have the potential of impacting federally or state listed species and natural communities. Go to the Kentucky Biological Assessment Tool (kynaturepreserves.org) to obtain a Standard Occurrence Report for information regarding listed species known within your project area. The report will also provide information on public and private conservation lands, areas of biodiversity significance, and other natural resources in your project area for which the Office of Kentucky Nature Preserves maintains data.

This review is based upon the information that was provided by the applicant. 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. If you should have any questions, please contact me at (502) 782-0863 or e-mail Louanna.Aldridge@ky.gov.

Sincerely,



Louanna Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet