

Exhibit 5
US Fish and Wildlife Correspondence



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

September 23, 2020

Based on additional information provided on 9/28/2020:

Significant impacts to federally-listed species are not likely to result from this project as currently proposed. Project re-coordination is needed if the project changes or if new species or critical habitats are listed that could be impacted by the project.

JENNIFER GARLAND

Digitally signed by JENNIFER GARLAND
Date: 2020.09.30 14:06:59 -0400'

for **Kentucky Field Supervisor**
U.S. Fish and Wildlife Service

Date

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

BOARD OF DIRECTORS

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 Jeff Noble - Breathitt Co.
 Jeff Dobson - Knott Co.
 Chuck Caudill - Lee Co.
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 Scott Alexander - Perry Co.
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 Scott Jackson - Beattyville
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 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)

Mr. Lee Andrews
Field Supervisor
US Fish and Wildlife Service
JC Watts Federal Building
330 West Broadway, Suite 265
Frankfort KY 40601

RE: Breathitt County Water District – Breathitt Waterline Extension Phase 2 Project (WX21025033); IPaC Consultation Code: 04EK1000-2020-TA-1838

Dear Sir or Madam:

The Breathitt County Water District has received funding through the Appalachian Regional Commission for the above referenced project. This project will extend waterlines to four areas in Breathitt County; Creekside Road, War Creek Road, Joe Ward Fork, and Mann Road. This project will construct approximately 17,967 Linear Feet (LF) of 4” PVC and 930 LF of 2” PVC waterline throughout the service areas; serving approximately 28 households. Additionally, two pump stations within the Breathitt water system will be rebuilt or replace; one on 30 West and one on 30 East. The valves and piping will be replaced at the KY 541, River Caney, and KY 28 pressure reducing vaults.

This project is located throughout Breathitt County, Kentucky. This project will serve approximately 28 households in Breathitt 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 be no tree removal.

The IPaC species list, dated September 23, 2020, identifies eleven federally listed endangered or threatened species. The area was defined as the entire county due mostly impart to the distance between the service areas. A complete list of species is attached.

Direct effects – The project will utilize best management practices and will observe local sedimentation and erosion control ordinances, therefore

208

very little minimal surface disturbance should occur during construction causing minimal effects to the surrounding environment.

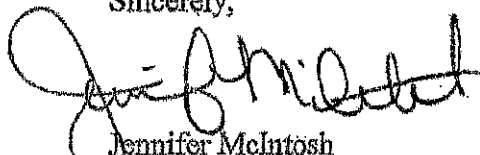
Indirect effects -- With the extension of waterlines into the four currently unserved roads, there is a possibility for new home construction or remodeling of existing structures in the future.

Cumulative effects --The four roads could see a small increase in housing due to the addition of potable water.

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. 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: jennifer@kradd.org. Thank you, for your time and assistance.

Sincerely,



Jennifer McIntosh
Water & Wastewater Planner

Subject **Breathitt County Water District - Breathitt Waterline Extension Phase 2 Project**
 From KentuckyES, FW4 <kentuckyes@fws.gov>
 Sender Hunter, Jumlongruk M <jumlongruk_hunter@fws.gov>
 To kasey@kradd.org <kasey@kradd.org>
 Cc Allison, Carrie <Carrie_Allison@fws.gov>
 Date 2020-09-30 15:18



- 20-0727_KRADD Breathitt PH2_stamp_cla.pdf (~668 KB)

The USFWS has determined that significant impacts to federally listed species are not likely to result from this project as currently proposed. Please see attached.

Thank you for your coordination with our office.

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

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



Kentucky Ecological Services Field Office

Home page of the Region 4 U.S. Fish and Wildlife Service, representing Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Tennessee, the US Virgin Island, and Puerto Rico, a bureau in the Department of Interior. Our mission is, working with others, to conserve, protect and enhance fish, wildlife, and plants and their habitats for the continuing benefit of ...

www.fws.gov



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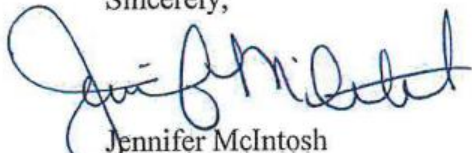
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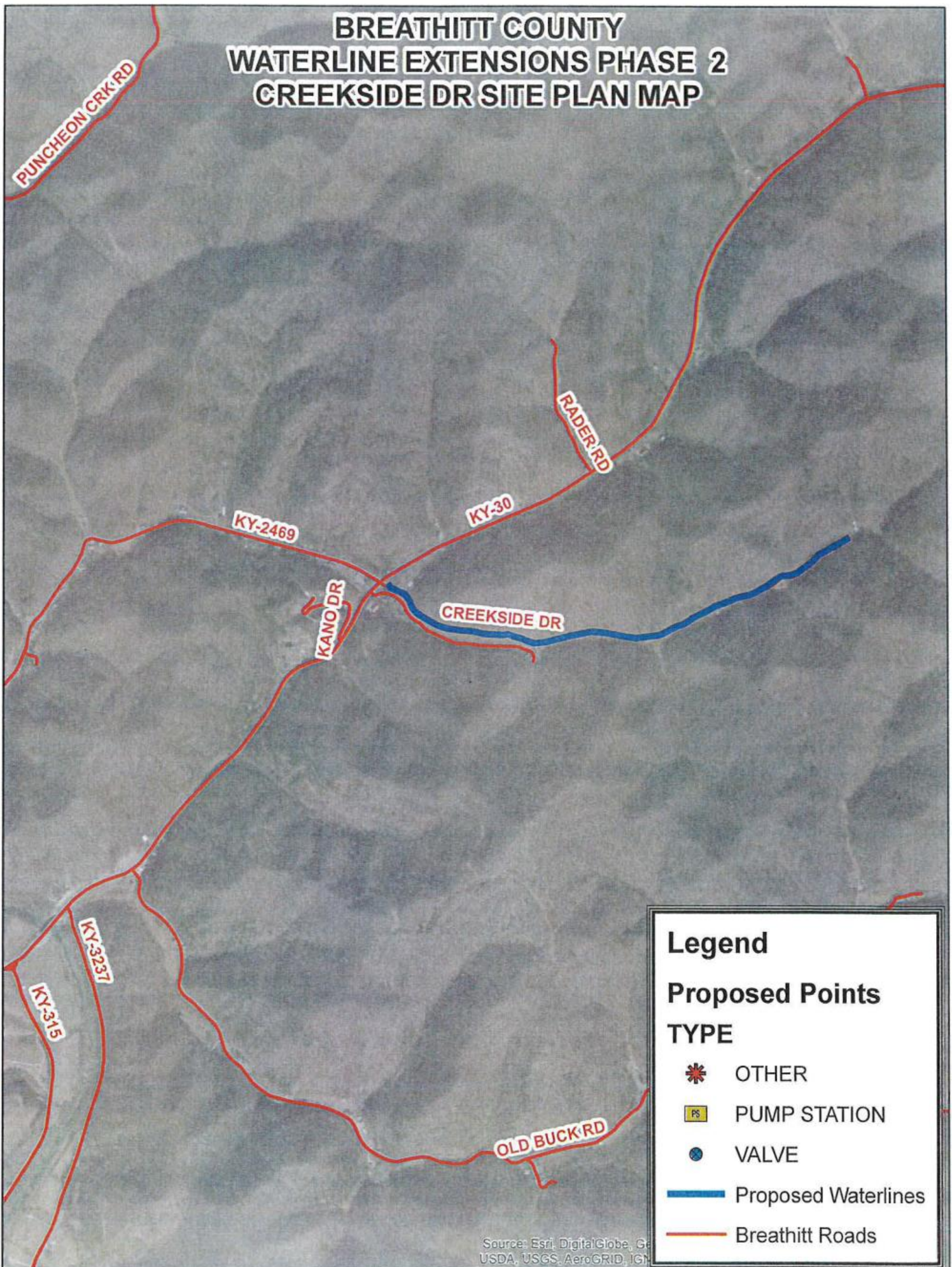
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Sincerely,

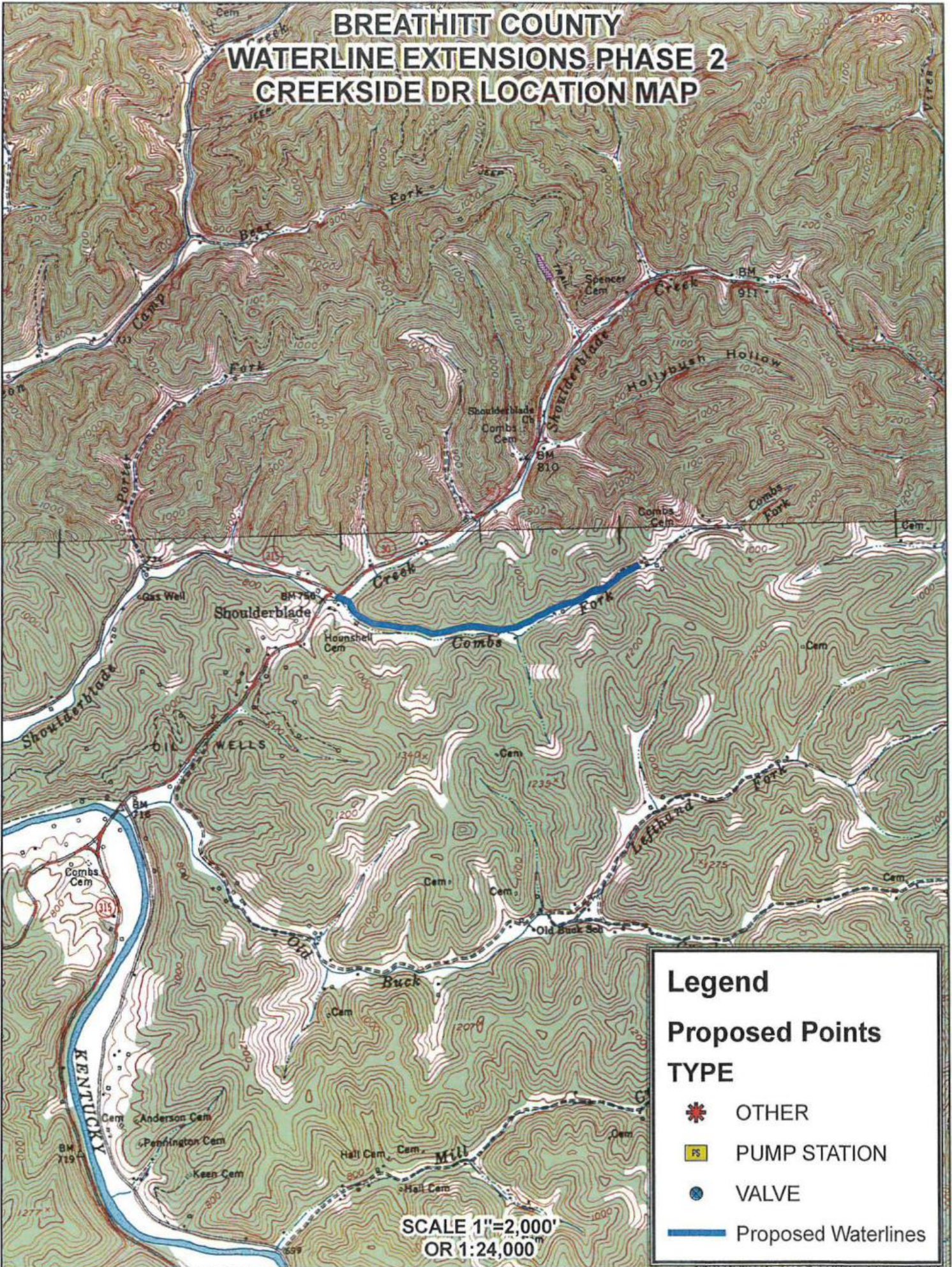


Jennifer McIntosh
Water & Wastewater Planner

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR SITE PLAN MAP







BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSID DR LOCATION MAP



Legend

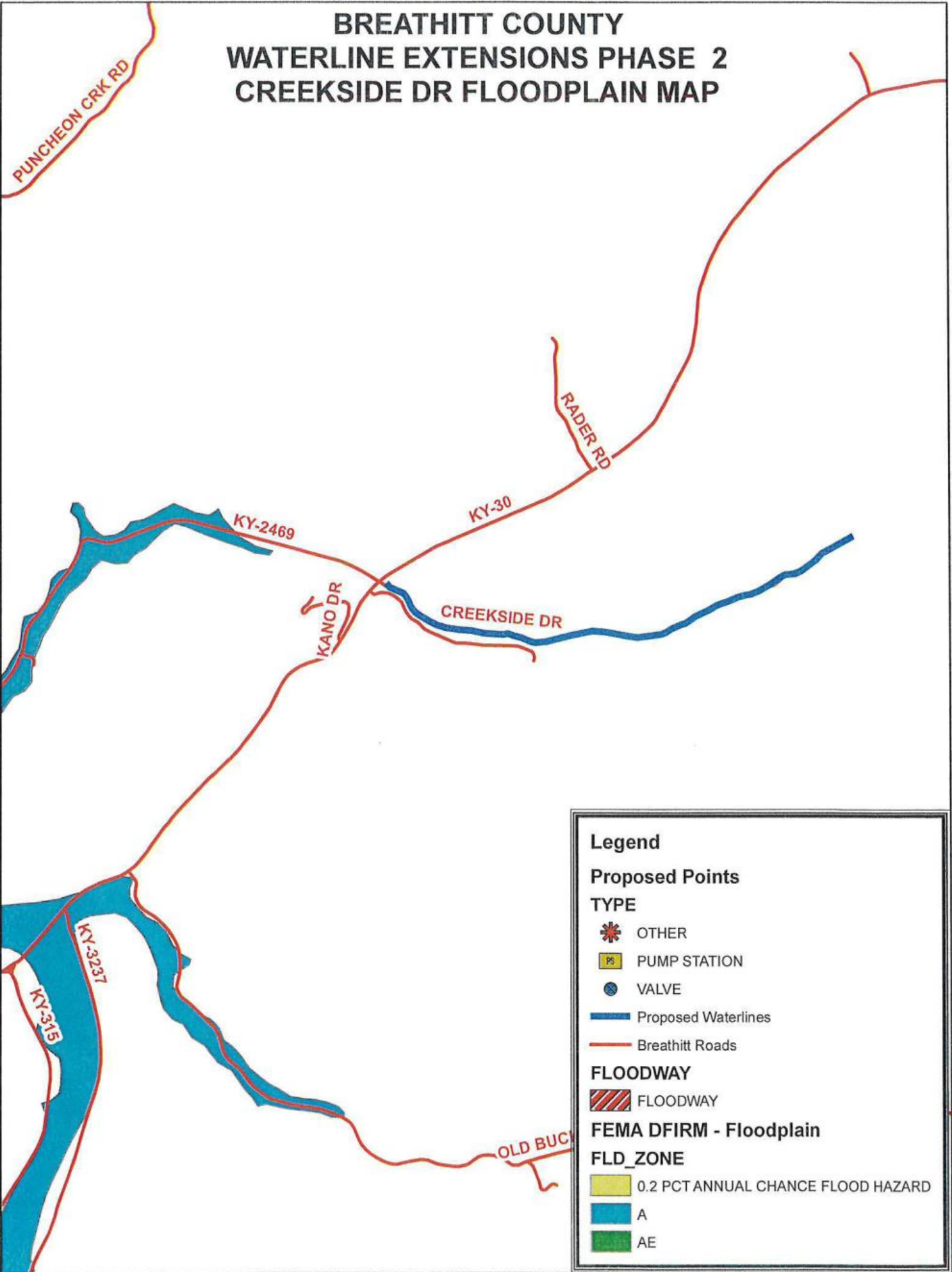
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

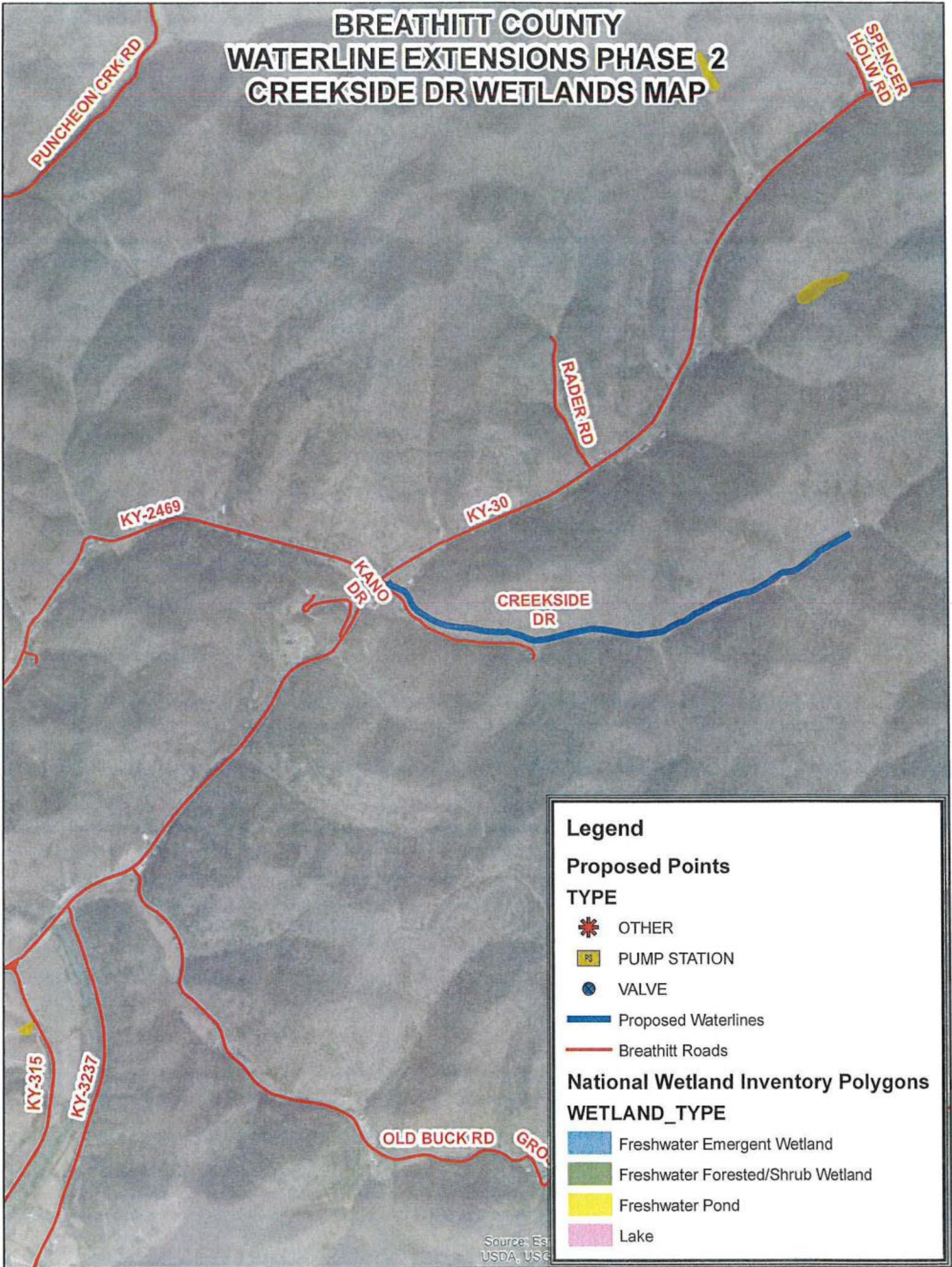
SCALE 1"=2,000'
OR 1:24,000

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANGE FLOOD HAZARD
	A
	AE

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR WETLANDS MAP



Legend

Proposed Points

TYPE

- OTHER
- PUMP STATION
- VALVE
- Proposed Waterlines
- Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake

Source: Esri
USDA, USGS






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD SITE PLAN MAP



Legend

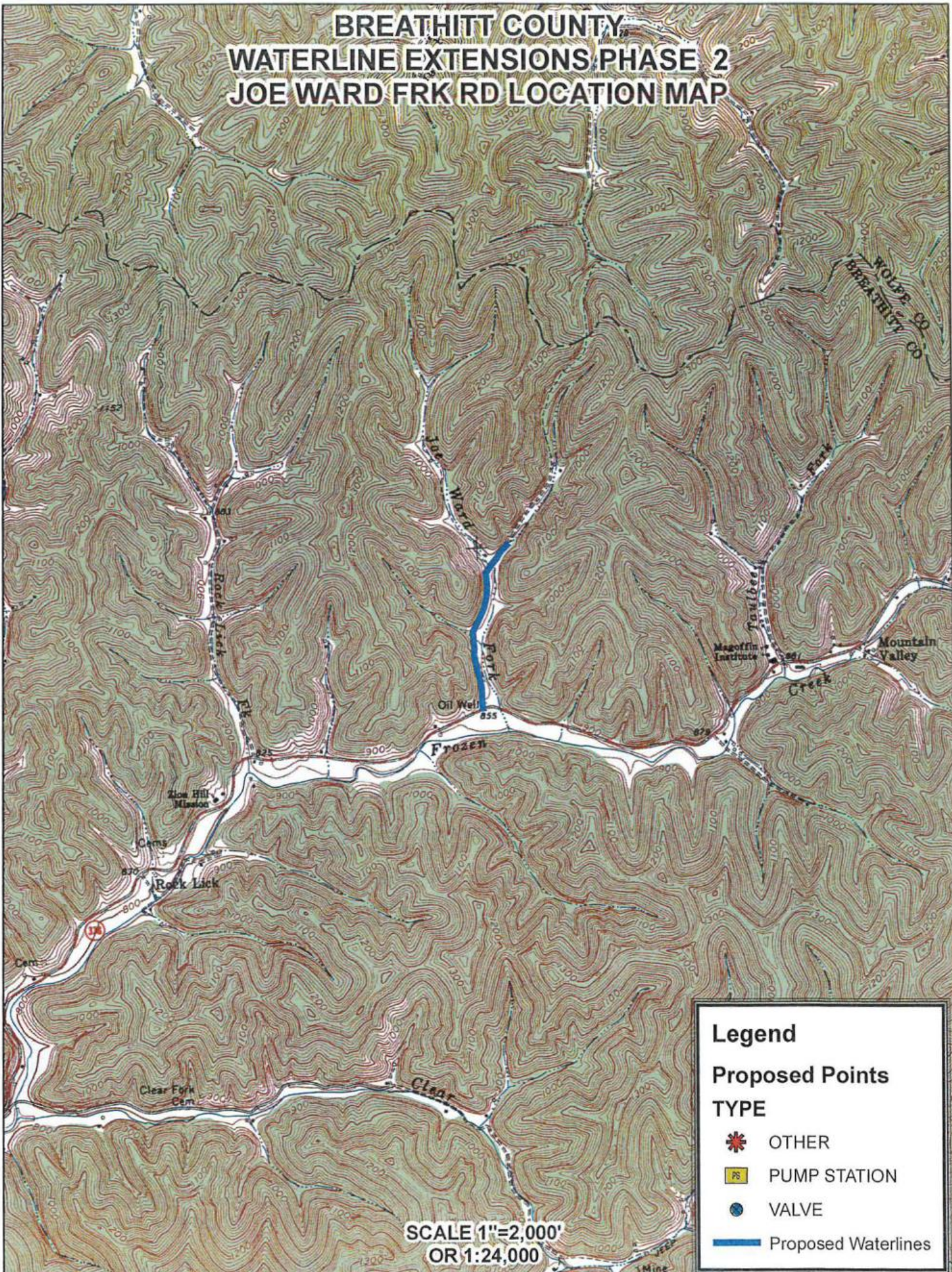
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD LOCATION MAP







SCALE 1"=2,000'
OR 1:24,000

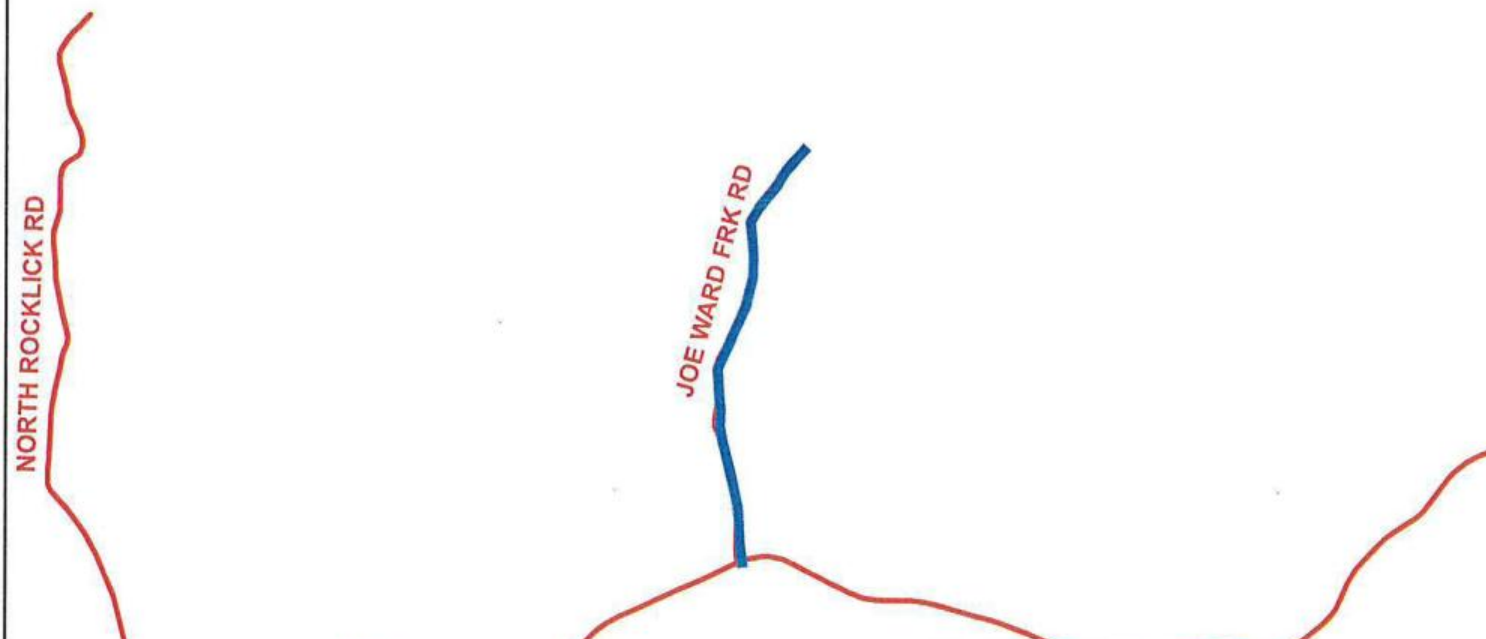
Legend










Proposed Points

TYPE

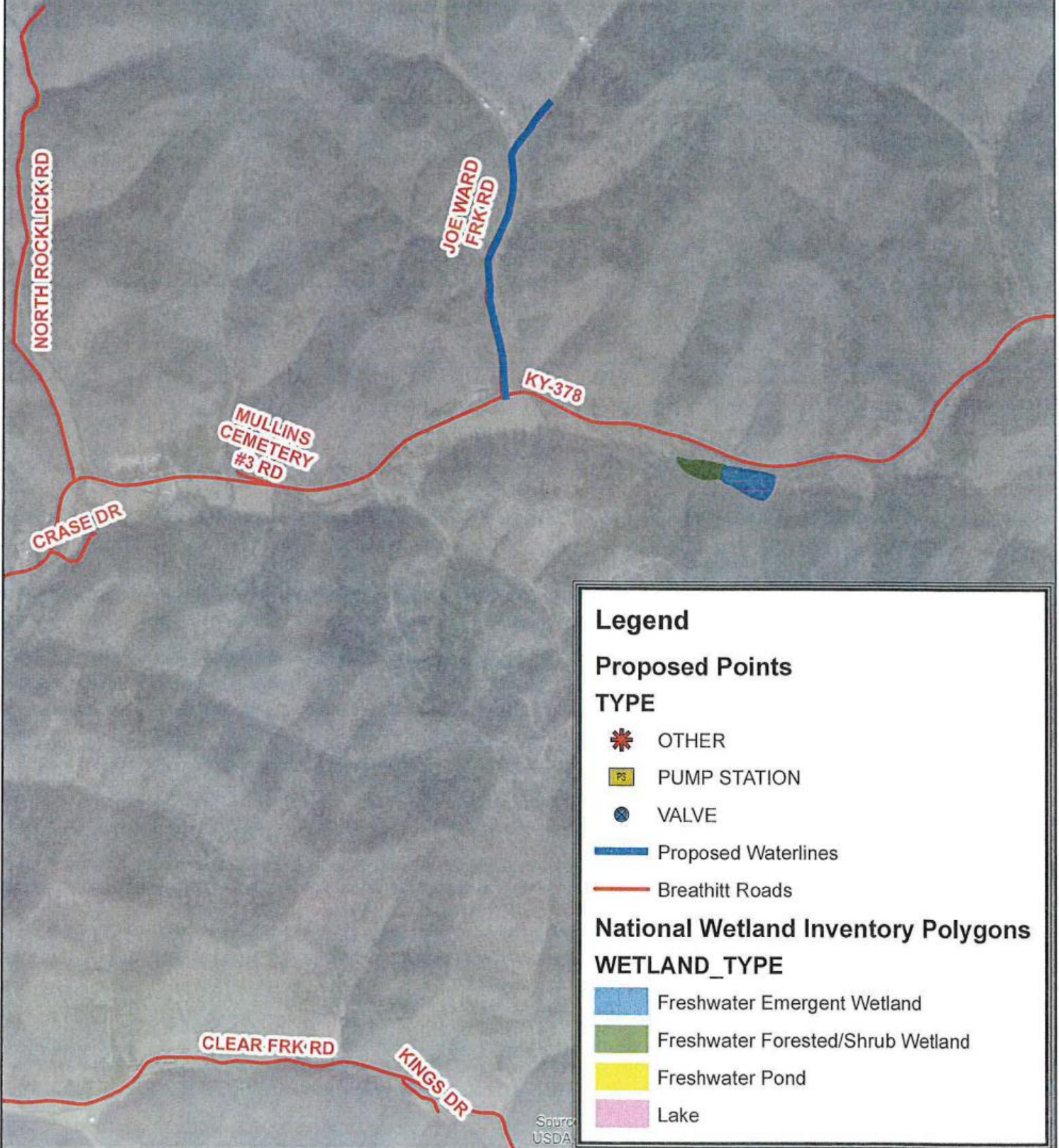
-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD WETLANDS MAP





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

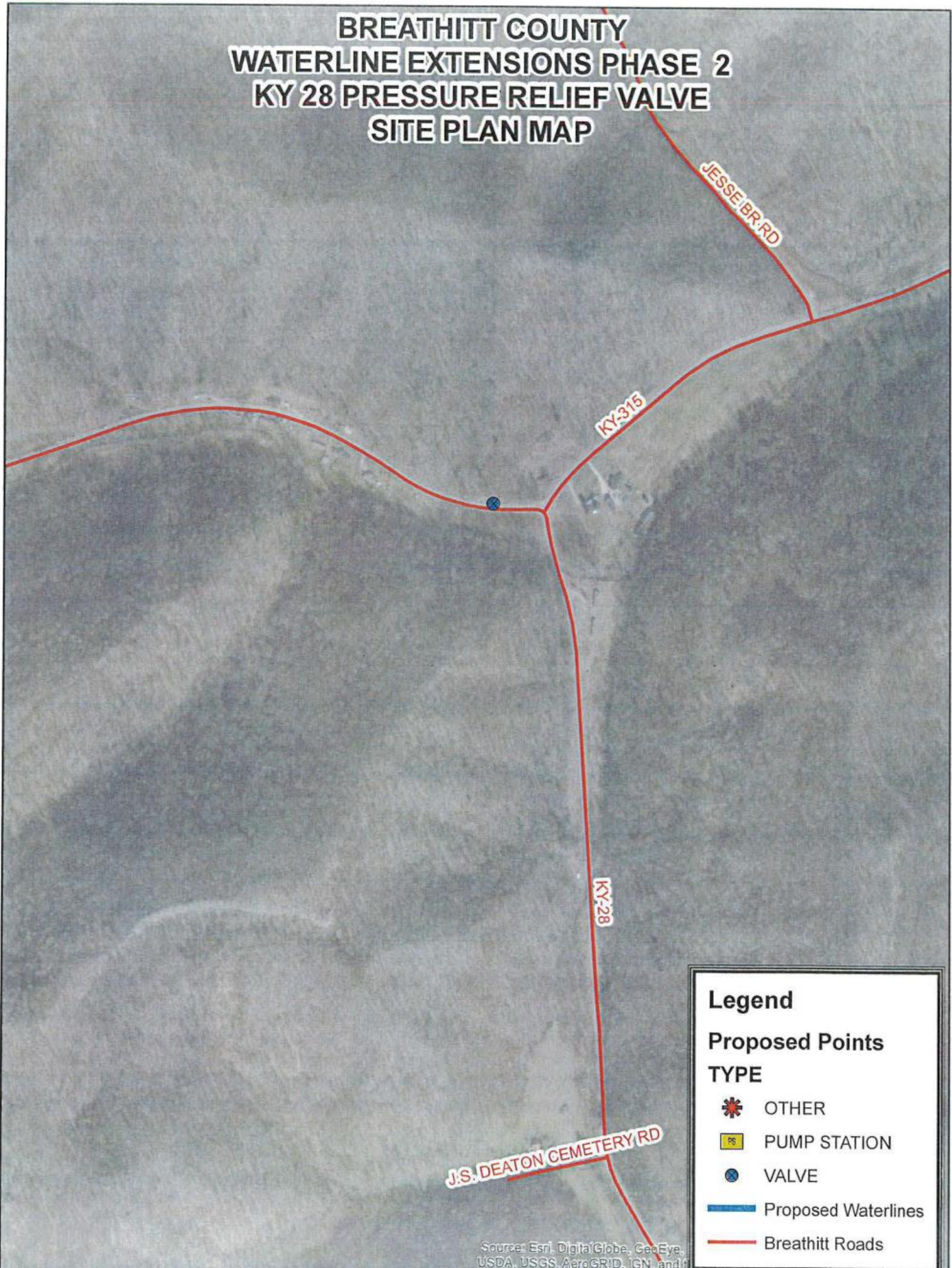
National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source: USDA




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE SITE PLAN MAP





Legend

Proposed Points

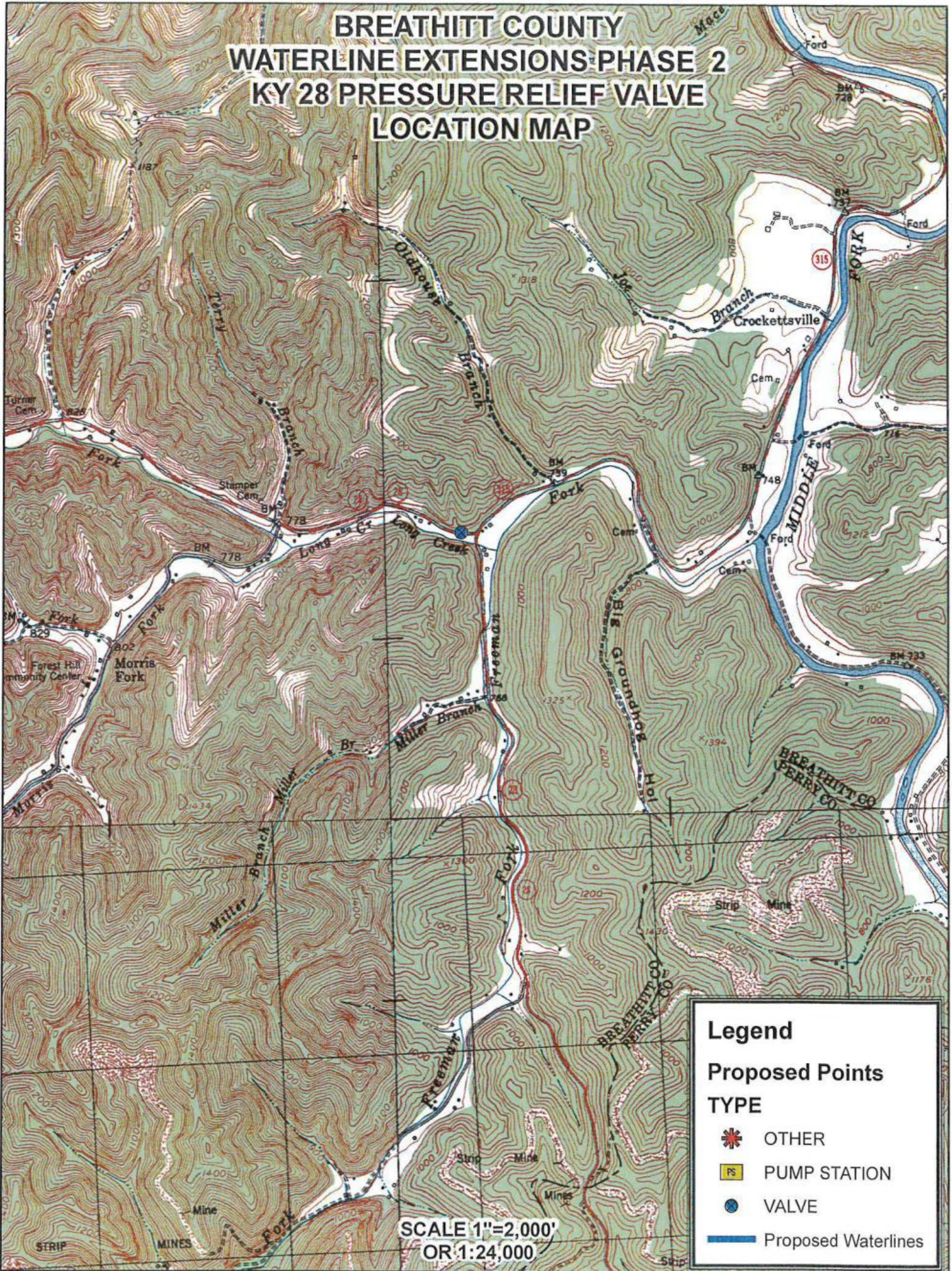
TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE LOCATION MAP



Legend

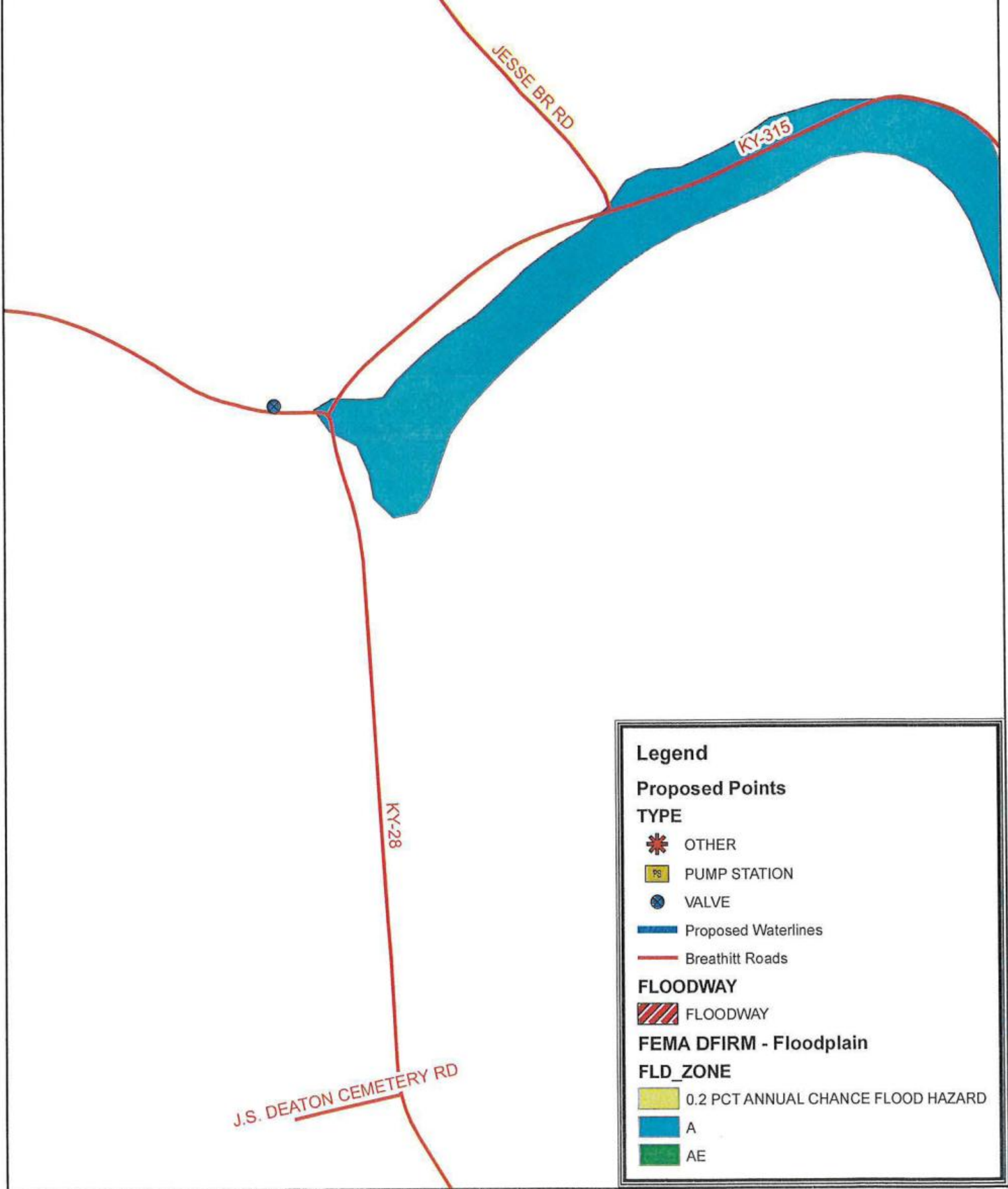
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

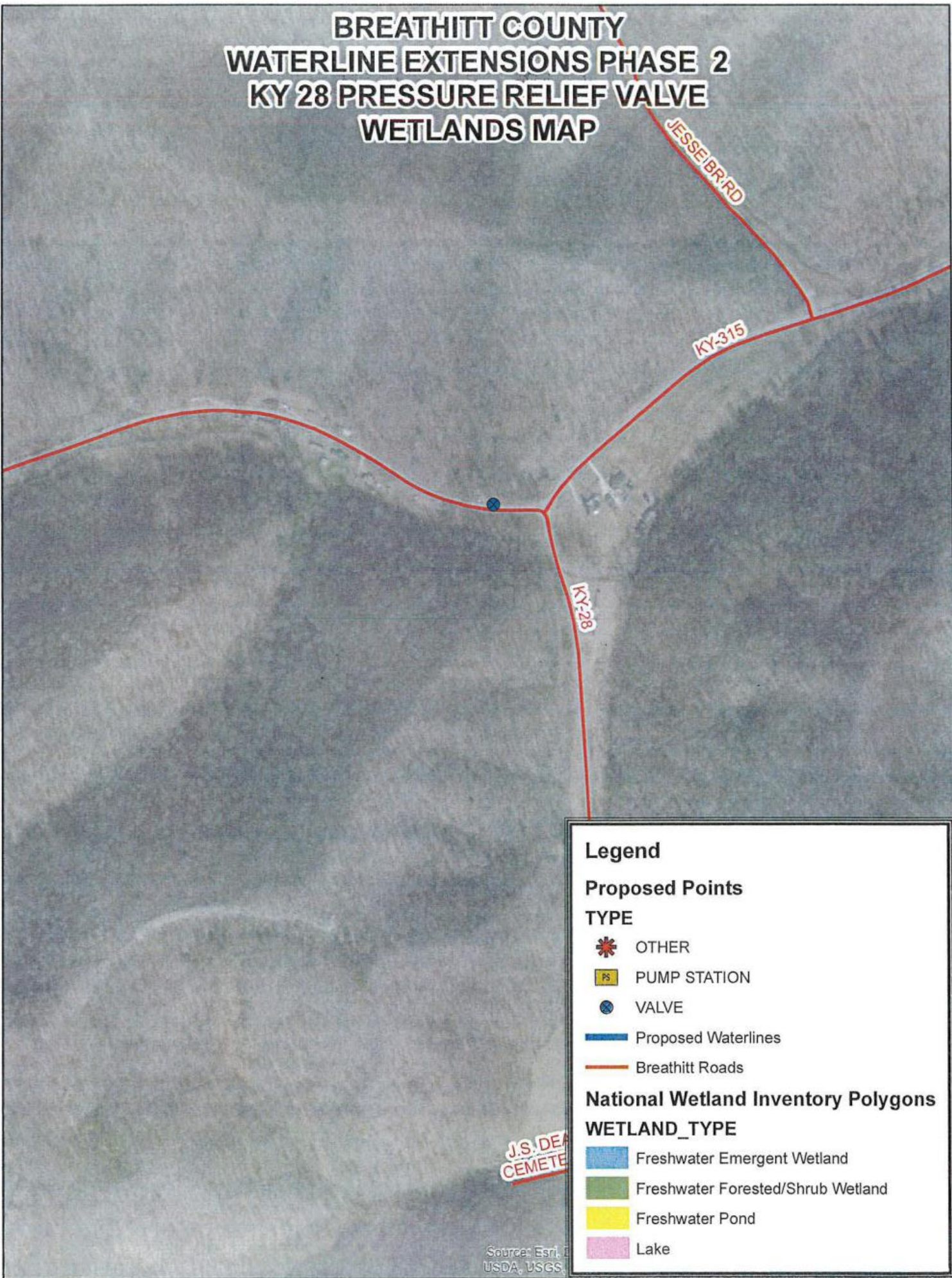
SCALE 1"=2,000'
OR 1:24,000

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE WETLANDS MAP





Legend

Proposed Points





TYPE

-  OTHER
-  PUMP STATION
-  VALVE

-  Proposed Waterlines
-  Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

J.S. DEAN
CEMETERY

Source: Esri,
USDA, USGS






**BREATHITT COUNTY
WATERLINE EXTENSIONS PHASE 2
KY 541 PRESSURE REDUCING VALVE
SITE PLAN MAP**



Legend

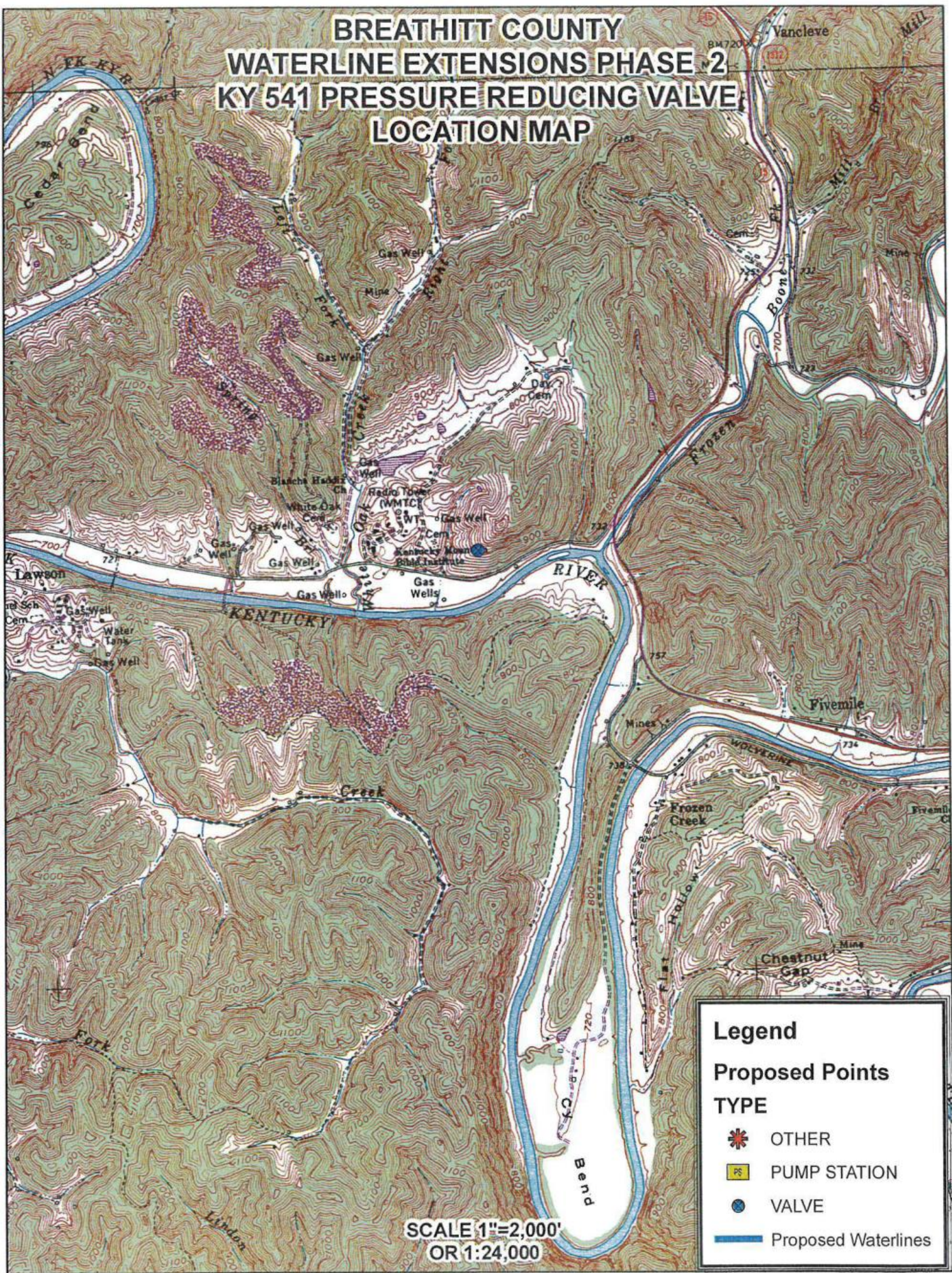
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and the





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE LOCATION MAP



Legend

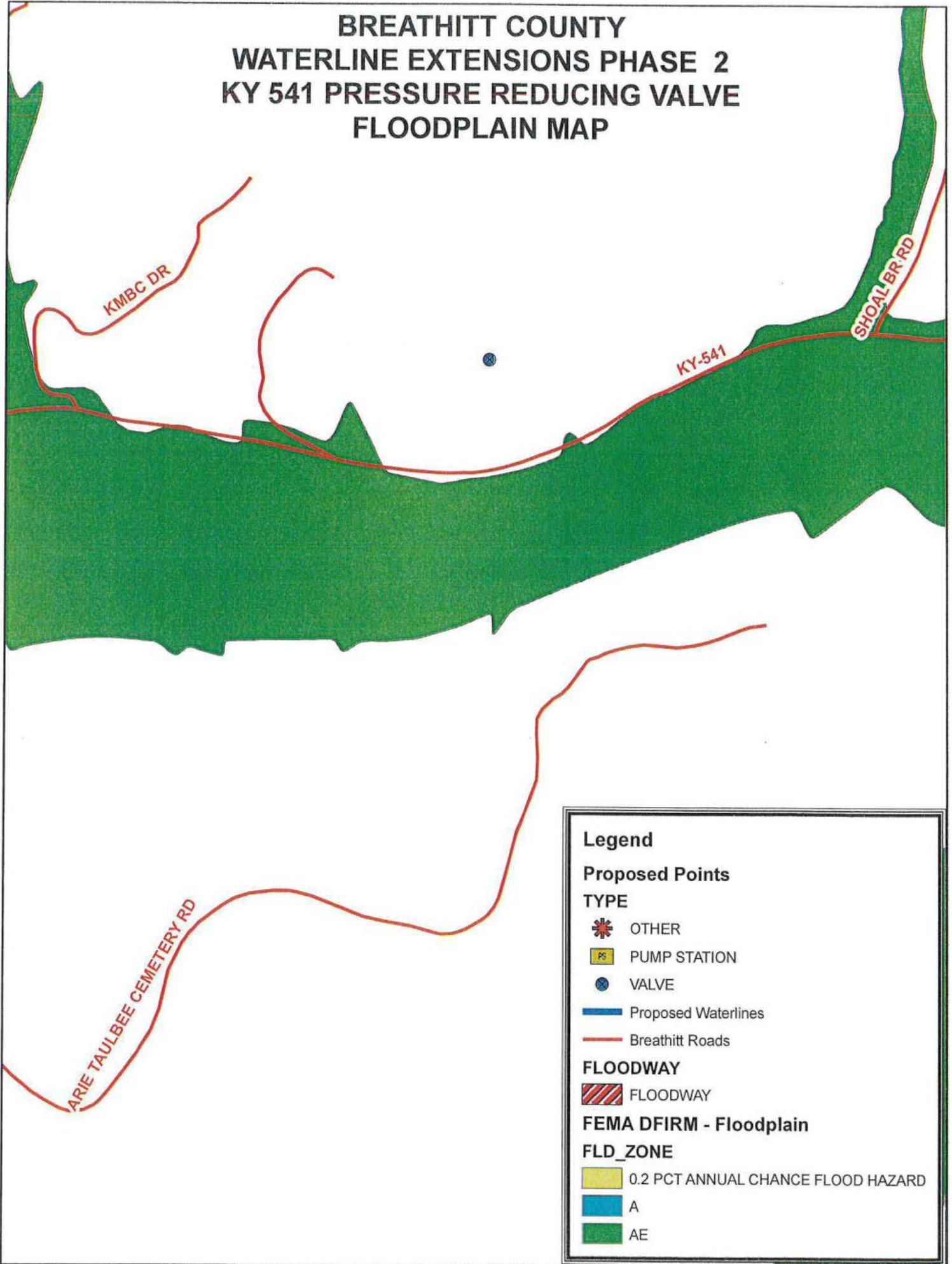
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

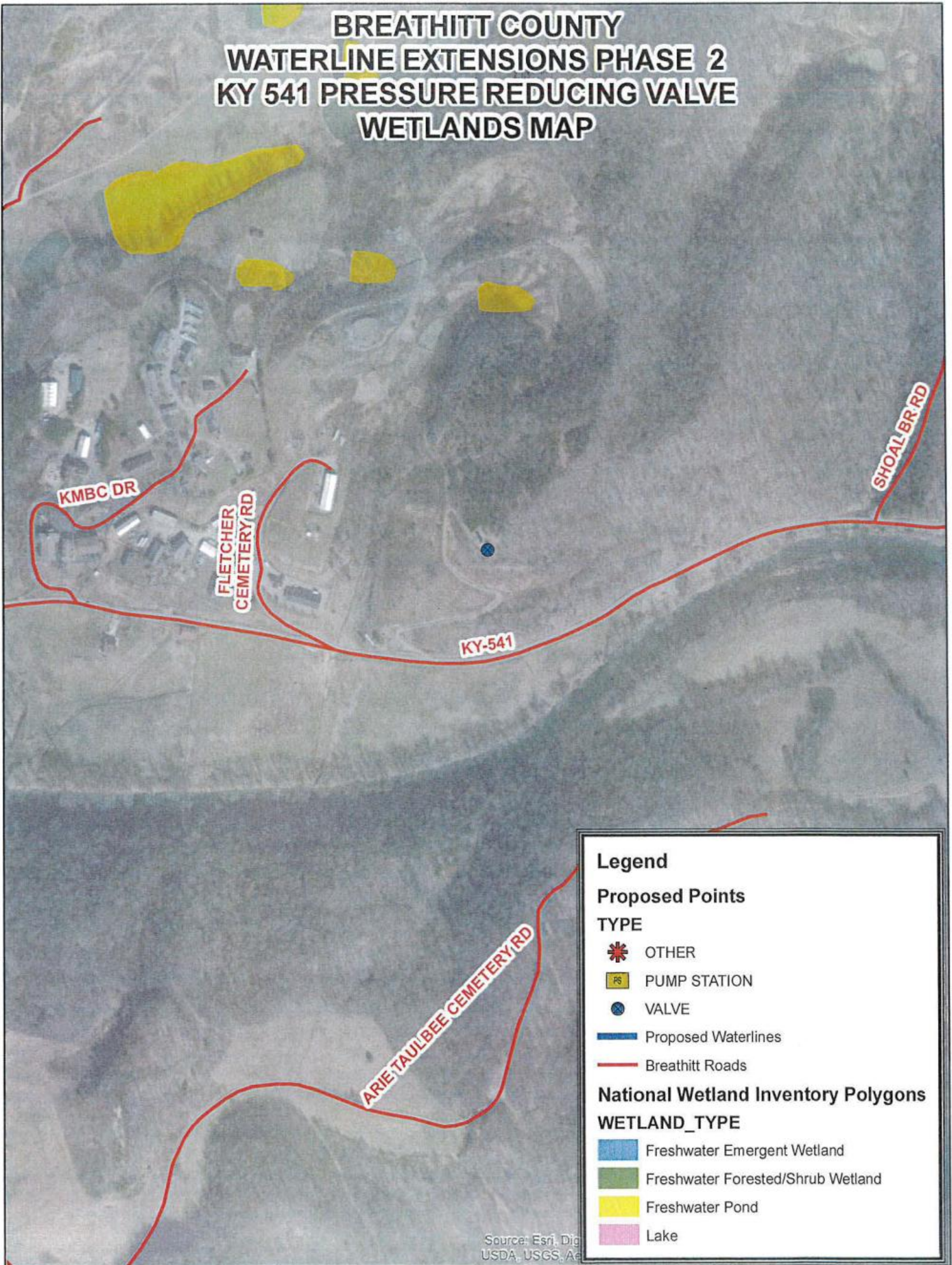
SCALE 1"=2,000'
OR 1:24,000

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE WETLANDS MAP



Source: Esri, Dig
USDA, USGS, A





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION SITE PLAN MAP



Legend

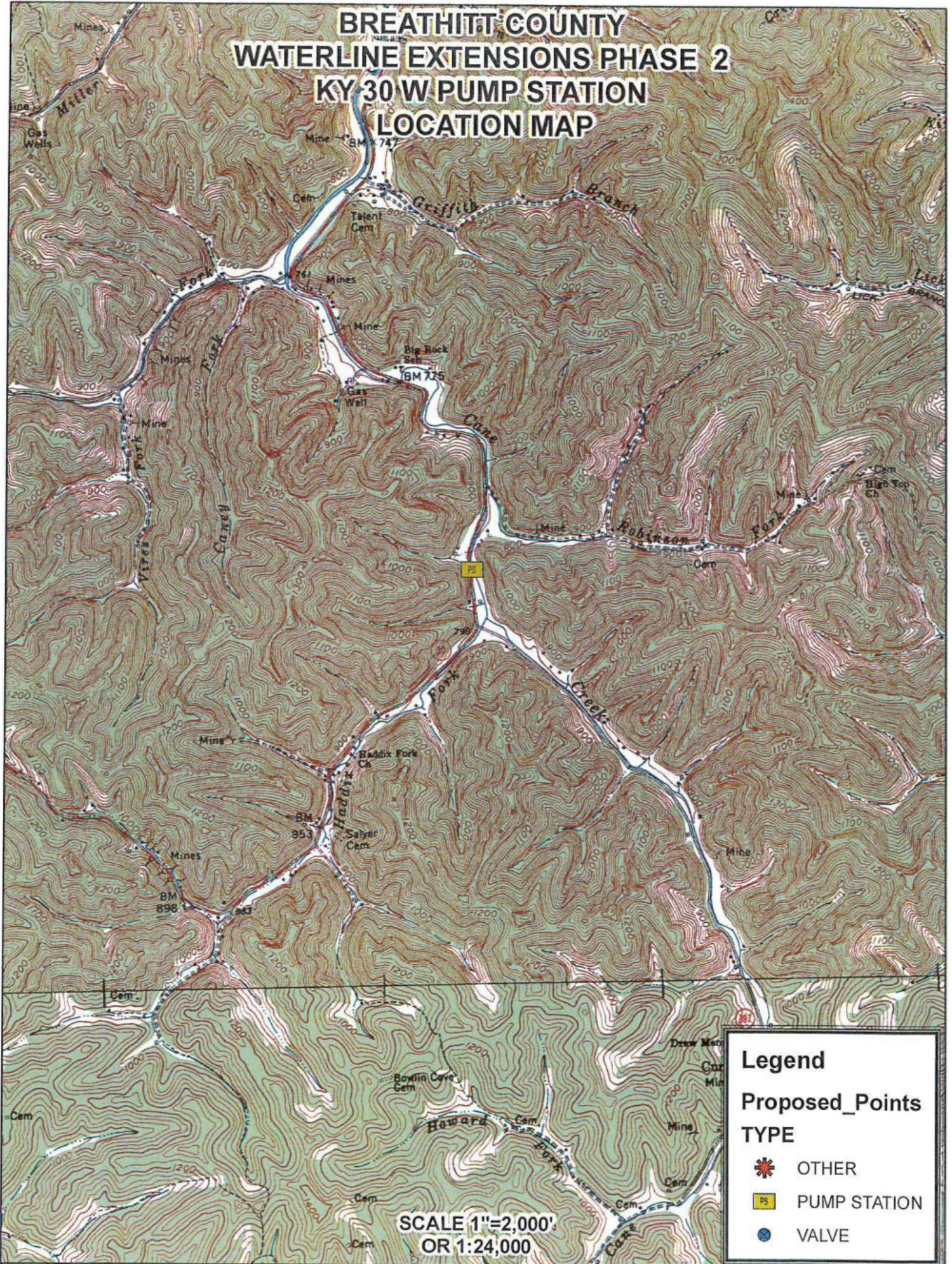
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AeroGRID, IGN, and the GIS User Community

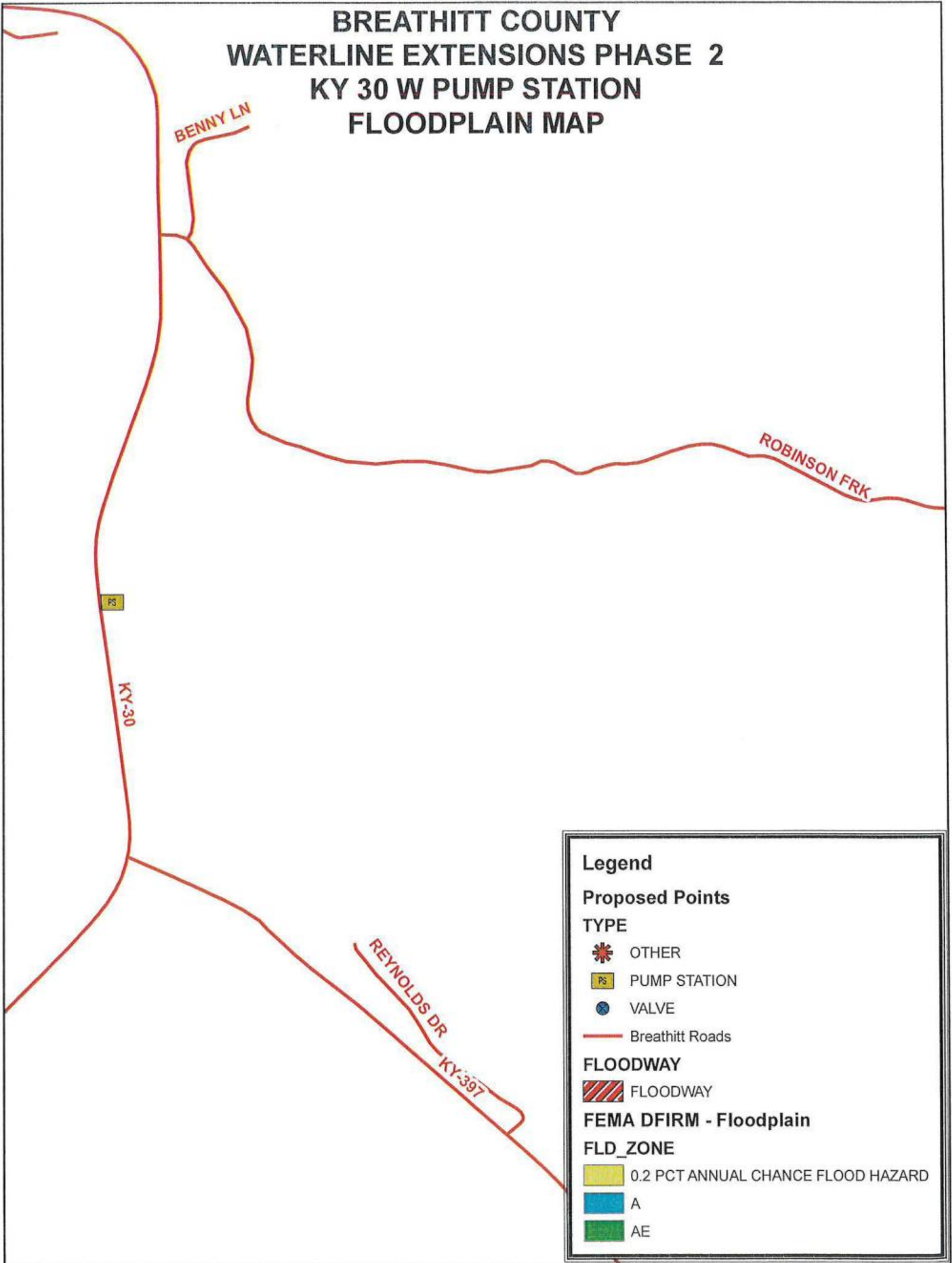
BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION LOCATION MAP



SCALE 1"=2,000'
OR 1:24,000

Legend	
Proposed_Points	
TYPE	
*	OTHER
PS	PUMP STATION
●	VALVE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION FLOODPLAIN MAP



Legend

Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE




 Breathitt Roads

FLOODWAY

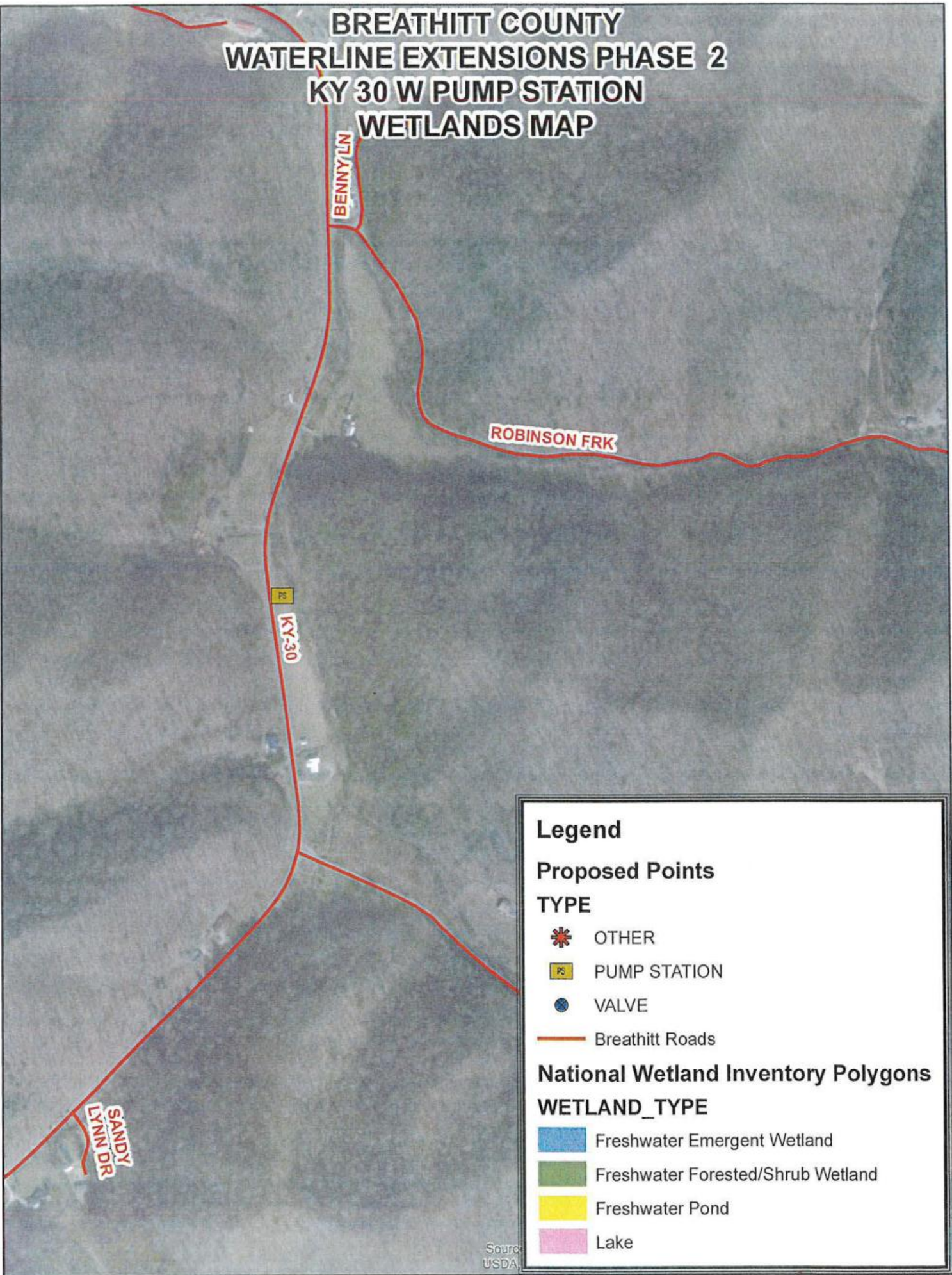
 FLOODWAY

FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION WETLANDS MAP




Legend

Proposed Points





TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Breathitt Roads

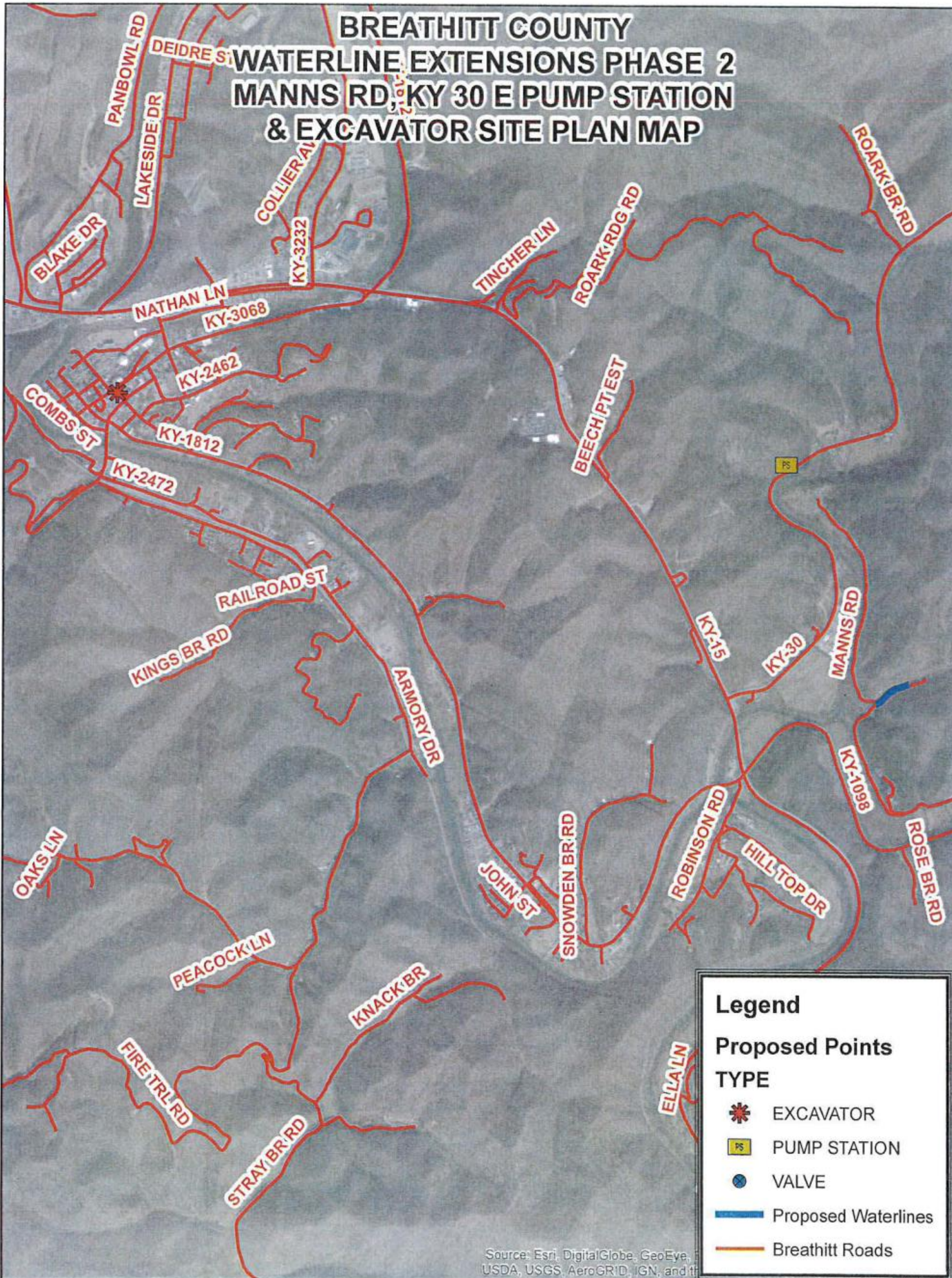
National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source
USDA






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR SITE PLAN MAP



Legend

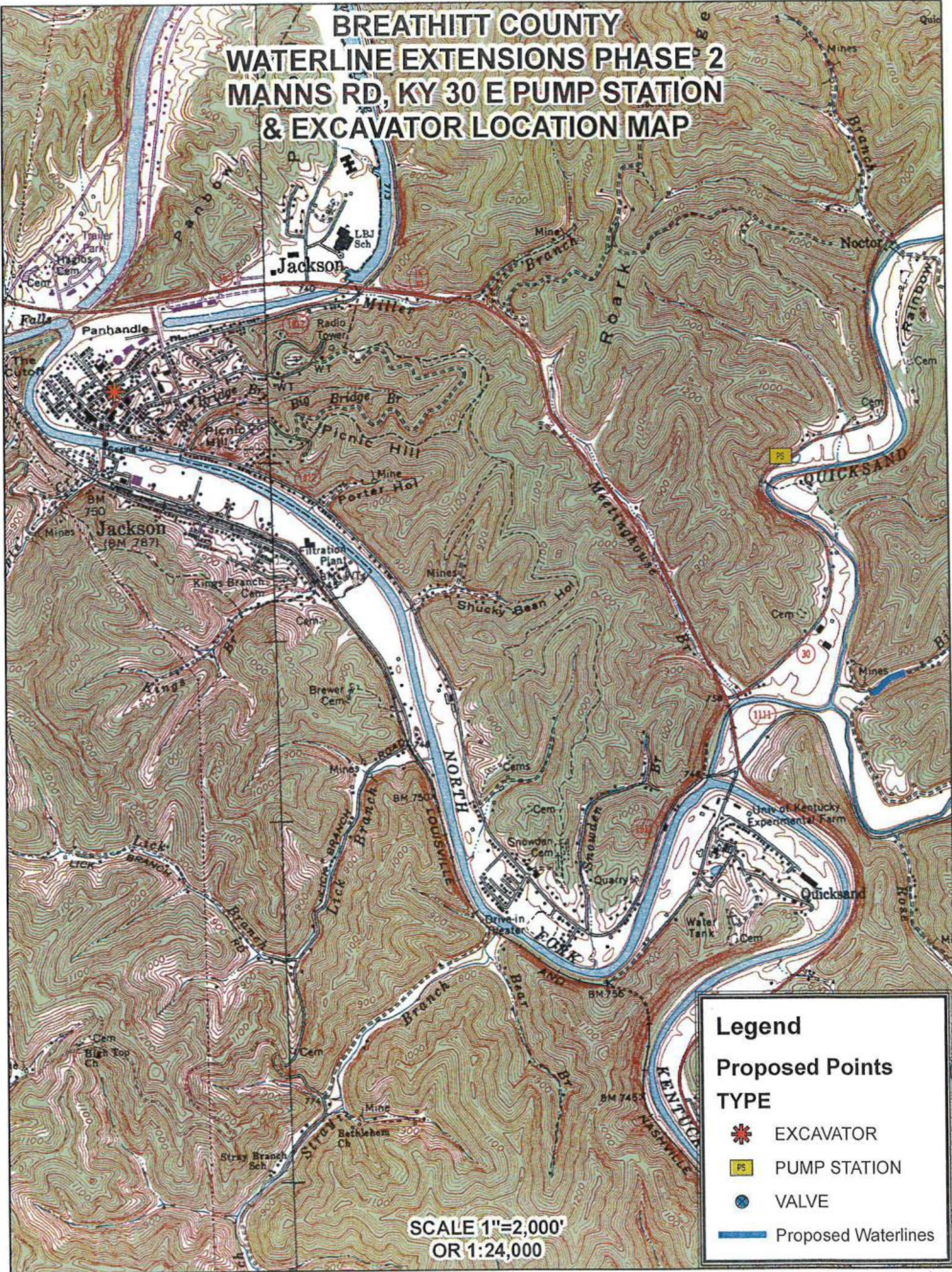
Proposed Points





TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE
-  Proposed Waterlines
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and the

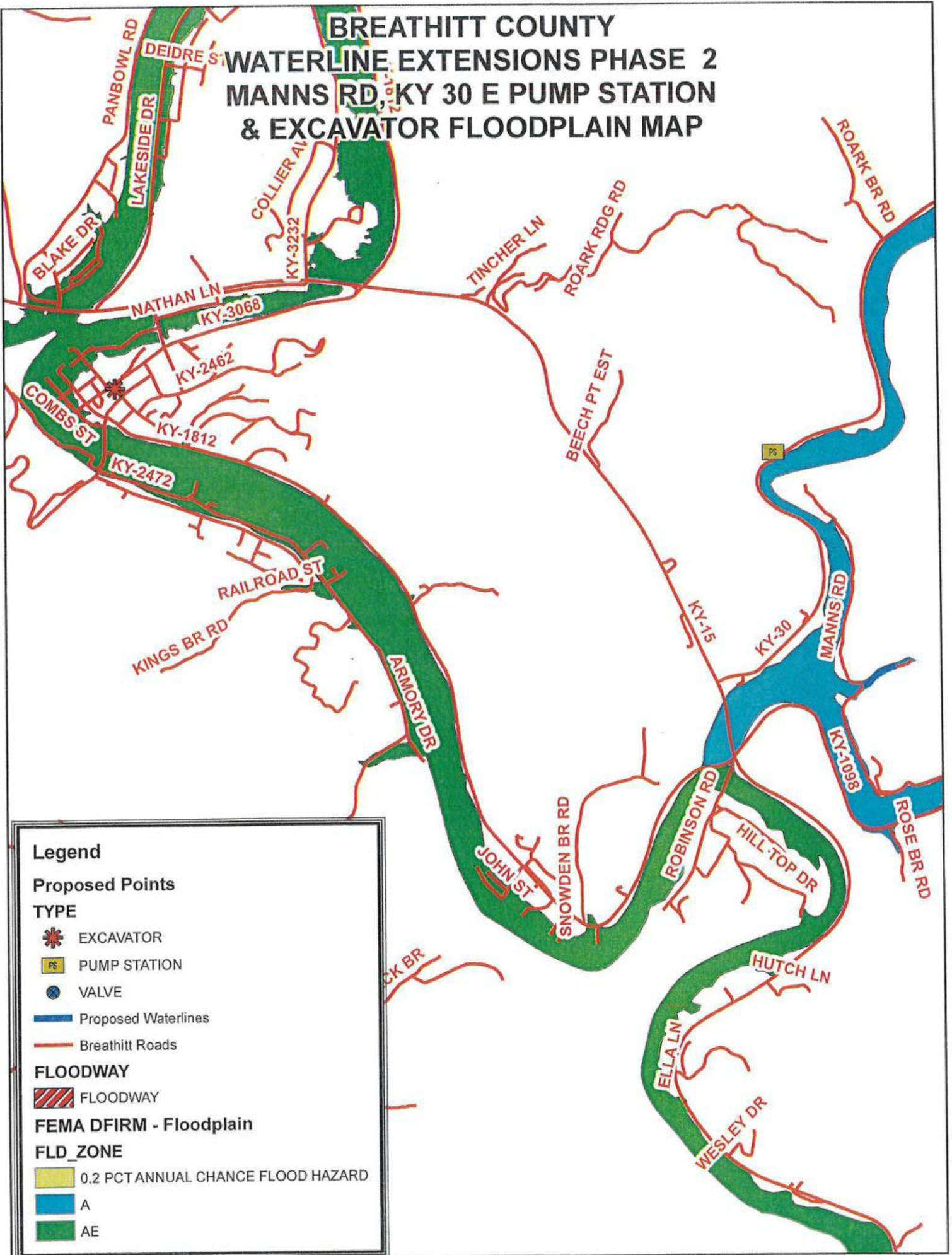
BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR LOCATION MAP



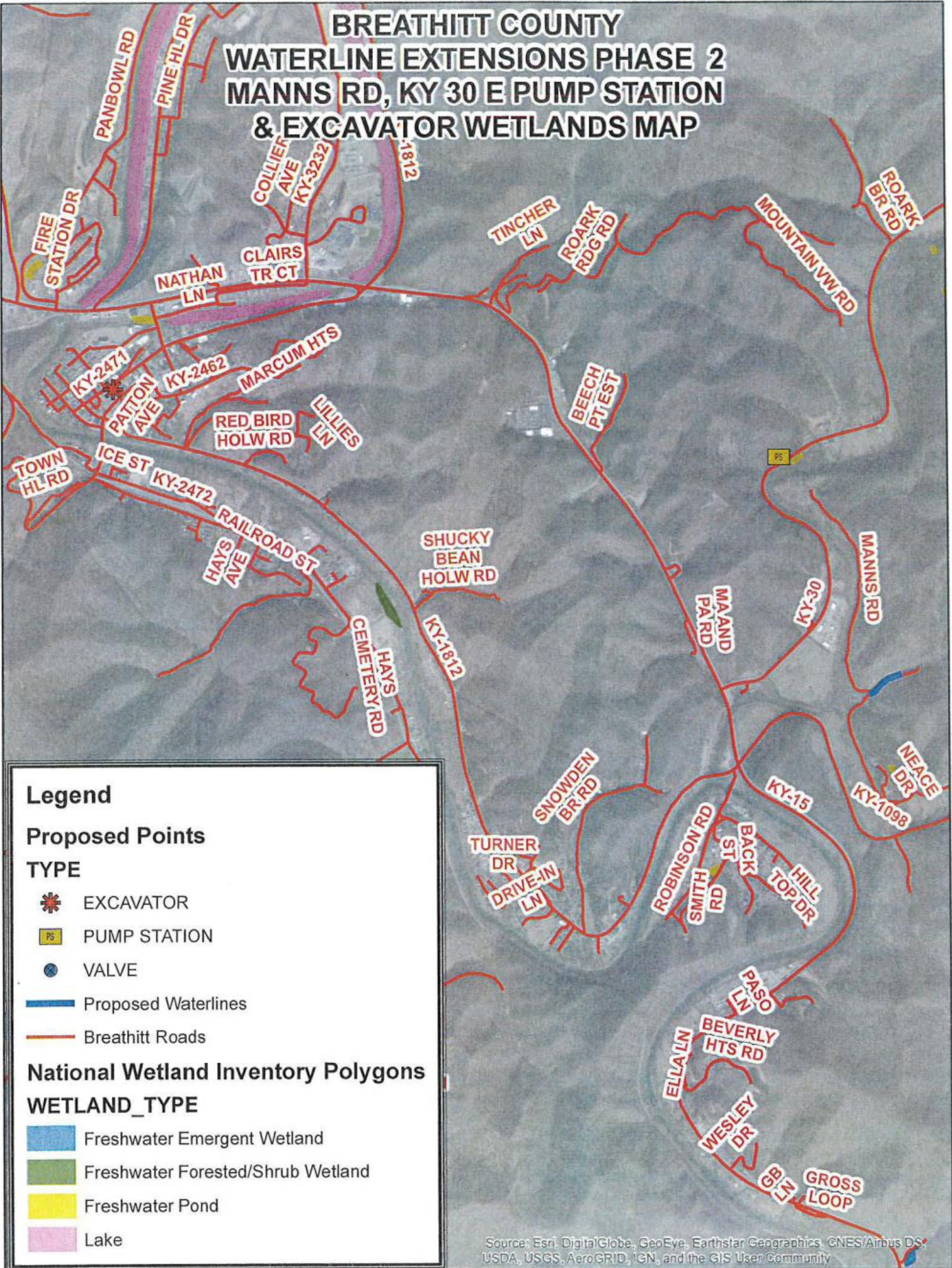
Legend	
Proposed Points	
TYPE	
	EXCAVATOR
	PUMP STATION
	VALVE
	Proposed Waterlines

SCALE 1"=2,000'
OR 1:24,000

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR FLOODPLAIN MAP






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR WETLANDS MAP





Legend

Proposed Points





TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE

-  Proposed Waterlines
-  Breathitt Roads

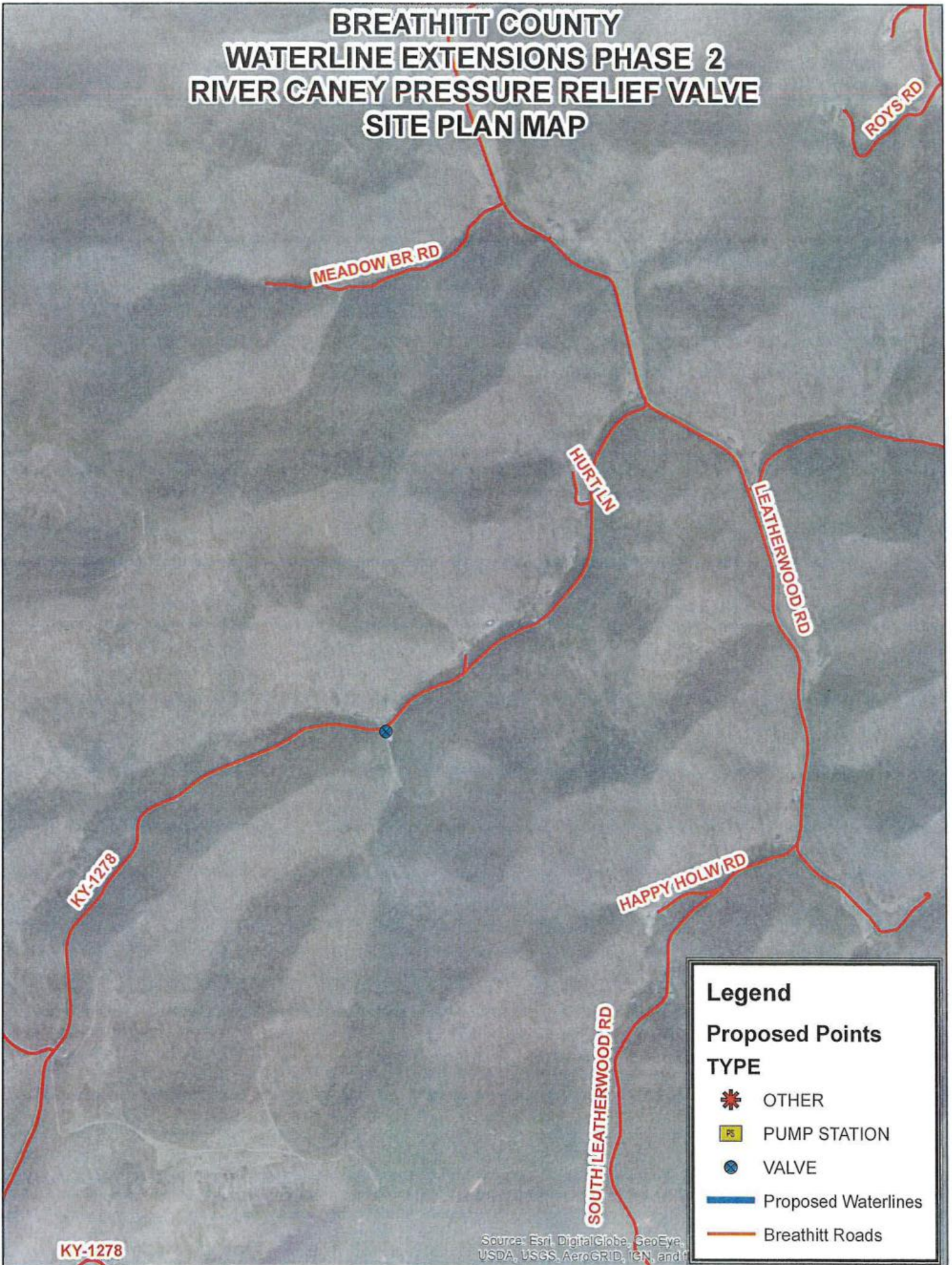
National Wetland Inventory Polygons

WETLAND_TYPE

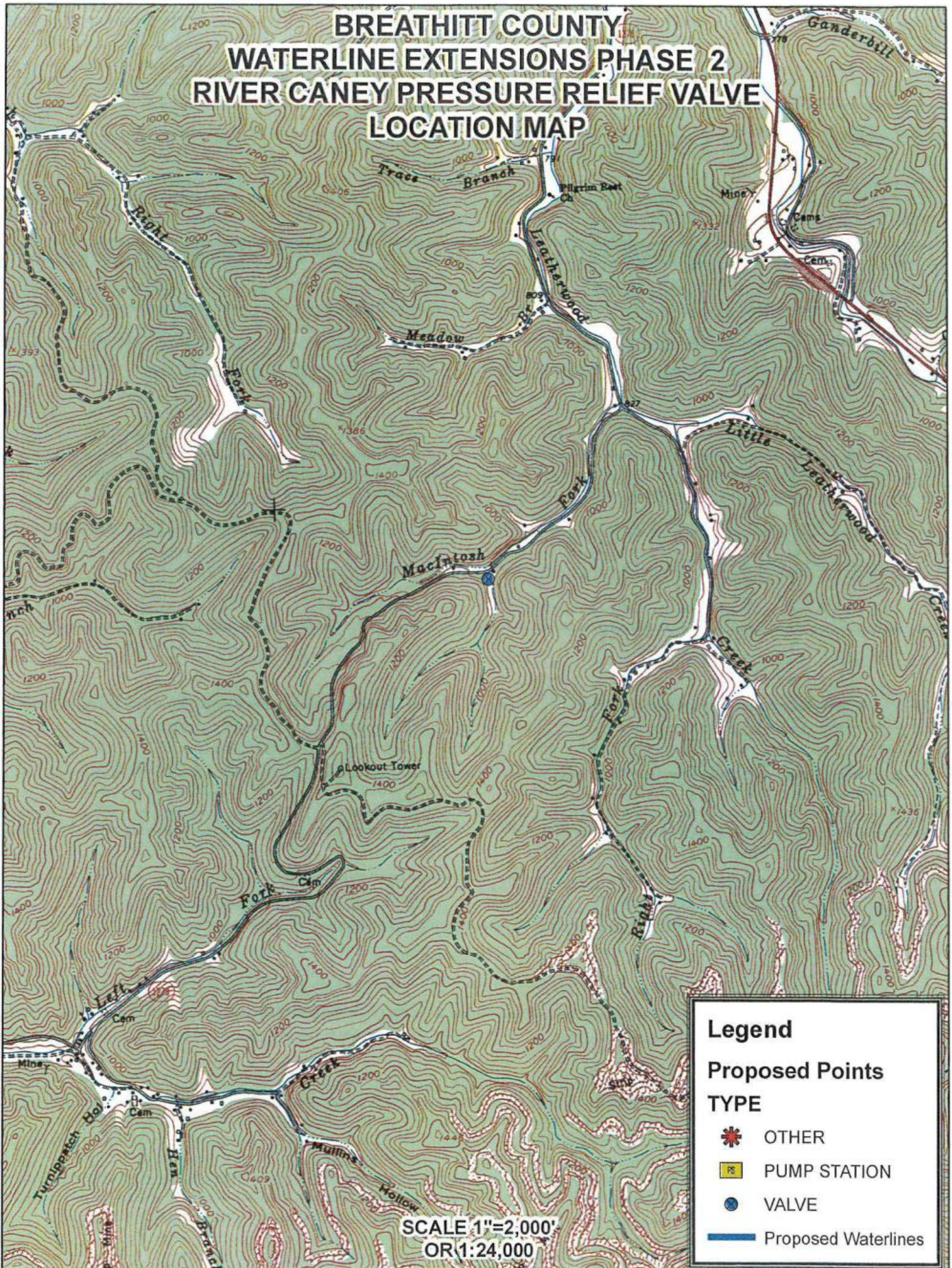
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BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE SITE PLAN MAP







BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE LOCATION MAP



Legend

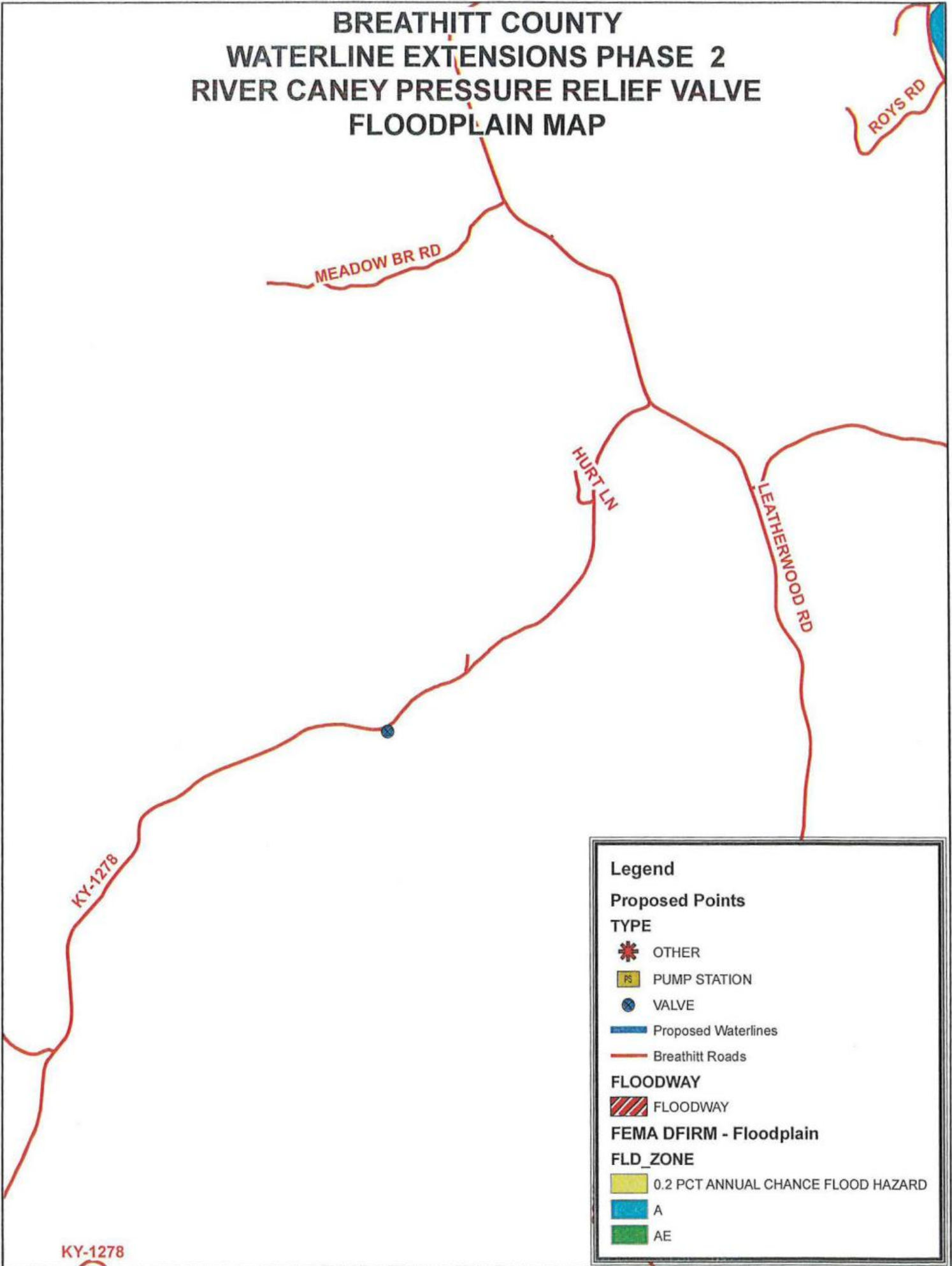
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TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

SCALE 1"=2,000'
OR 1:24,000




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE FLOODPLAIN MAP



Legend

Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines




 Breathitt Roads

FLOODWAY

 FLOODWAY

FEMA DFIRM - Floodplain

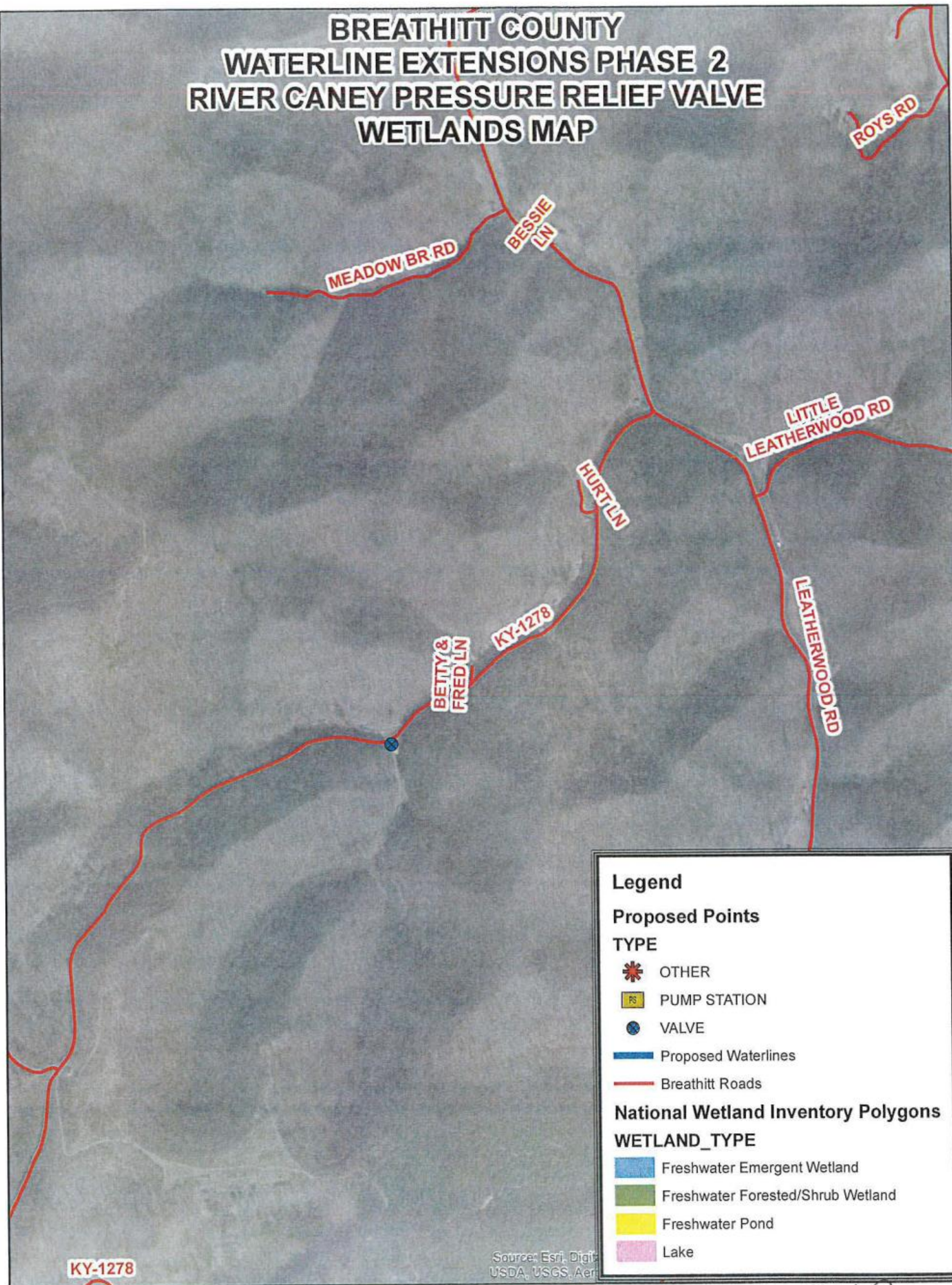
FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE

KY-1278

233




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE WETLANDS MAP





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

KY-1278

Source: Esri, Digital
USDA, USGS, Aerial

240

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD SITE PLAN MAP

ROSE BND RD

WAR CRK RD

LUCAS DR

CEDAR BND RD






KY-541

EARL JOHNSON RD

Legend

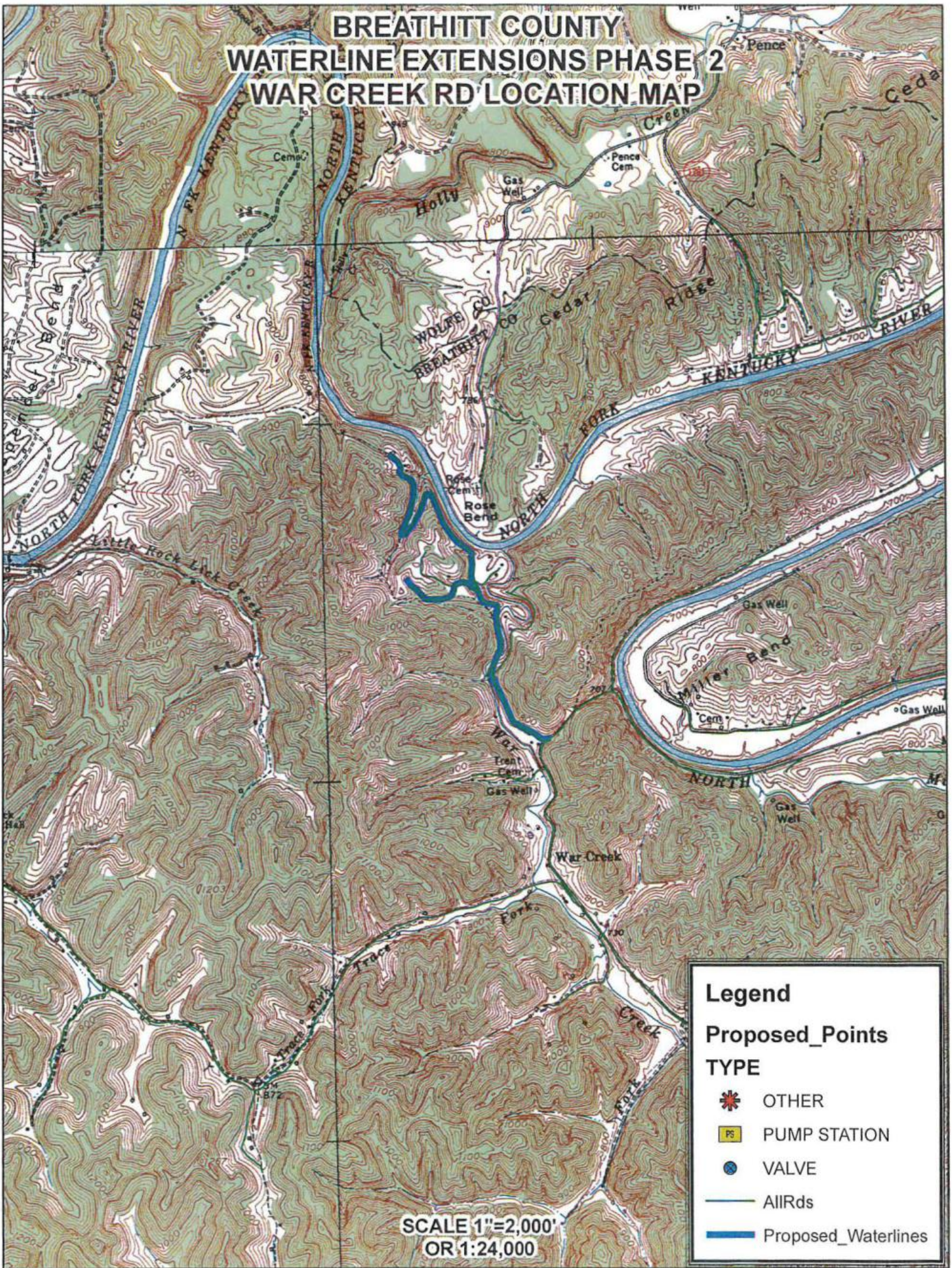
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD LOCATION MAP








SCALE 1"=2,000'
OR 1:24,000

Legend

Proposed_Points

TYPE




-  OTHER
-  PUMP STATION
-  VALVE
-  AllRds
-  Proposed_Waterlines


BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD FLOODPLAIN MAP


Legend

Proposed Points


TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines




 Breathitt Roads

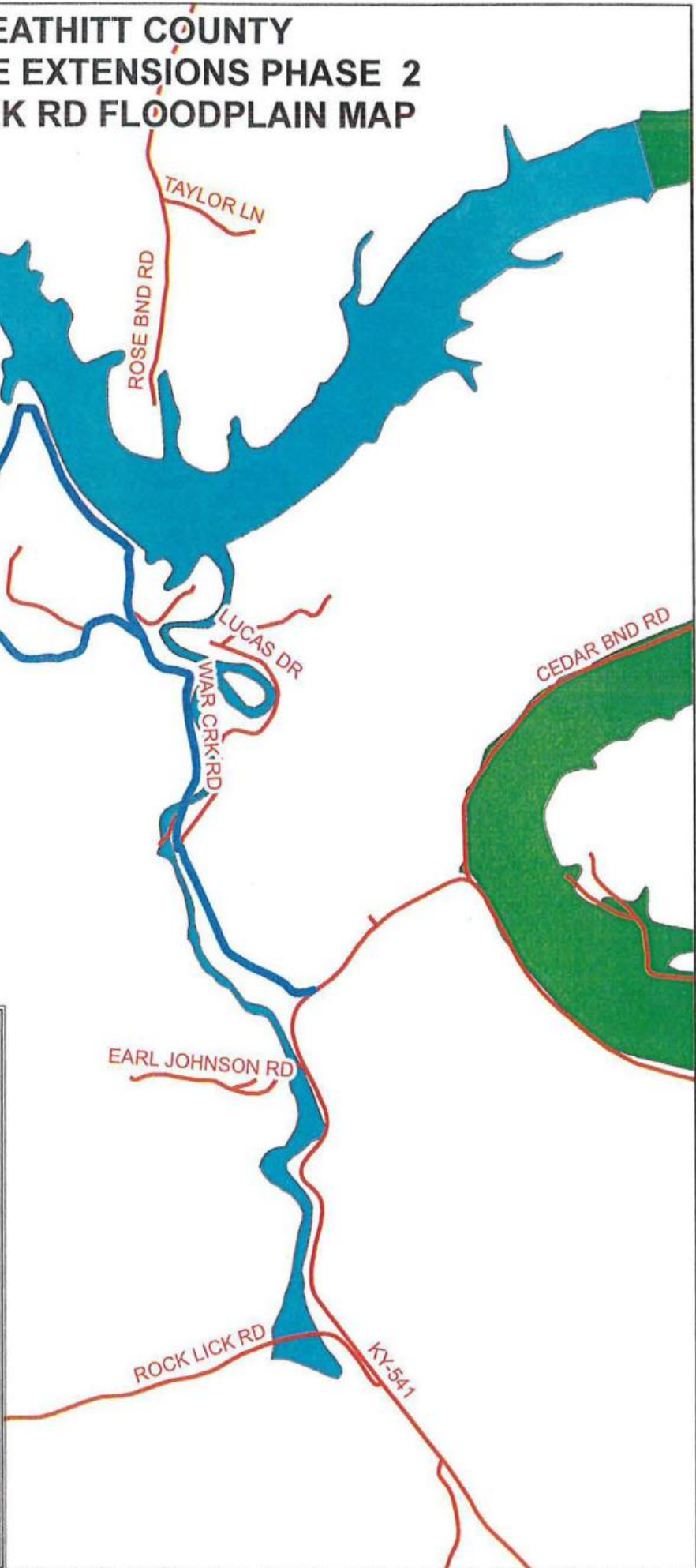
FLOODWAY

-  FLOODWAY

FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE







BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD WETLANDS MAP


Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

2424

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
Fax (502) 564-0506

Mike Berry
Secretary

September 29, 2020

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

RE: Breathitt County Water District
Breathitt Waterline Extension Phase 2 Project
WX21025033

Dear Ms. McIntosh:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information regarding the subject project. Due to the location and nature of the project, KDFWR does not believe the project will impact any federal or state-listed threatened/endangered species or any associated critical habitat. No critical areas, wildlife preserves, or other significant ecological areas will be impacted by the proposed project.

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,

Doug Dawson
Environmental Section Chief





Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

September 23, 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.
Cala 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" Mobellini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton
Citizen Members
Roy Darrell Herald
Gary Campbell
Ray D. Moore
Lary Parke
Lary 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: Breathitt County Water District – Breathitt Waterline Extension
Phase 2 Project (WX21025033; IPaC Consultation Code: 04EK1000-
2020-TA-1838)**

Dear Sir or Madam:

The Breathitt County Water District has received funding through the Appalachian Regional Commission for the above referenced project. This project will extend waterlines to four areas in Breathitt County; Creekside Road, War Creek Road, Joe Ward Fork, and Mann Road. This project will construct approximately 17,967 Linear Feet (LF) of 4" PVC and 930 LF of 2" PVC waterline throughout the service areas; serving approximately 28 households. Additionally, two pump stations within the Breathitt water system will be rebuilt or replaced; one on 30 West and one on 30 East. The valves and piping will be replaced at the KY 541, River Caney, and KY 28 pressure reducing vaults.

This project is located throughout Breathitt County, Kentucky. This project will serve approximately 28 households in Breathitt 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 be no tree removal.

The IPaC species list, dated September 23, 2020, identifies eleven federally listed endangered or threatened species. The area was defined as the entire county due mostly impart to the distance between the service areas. A complete list of species is attached.

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.

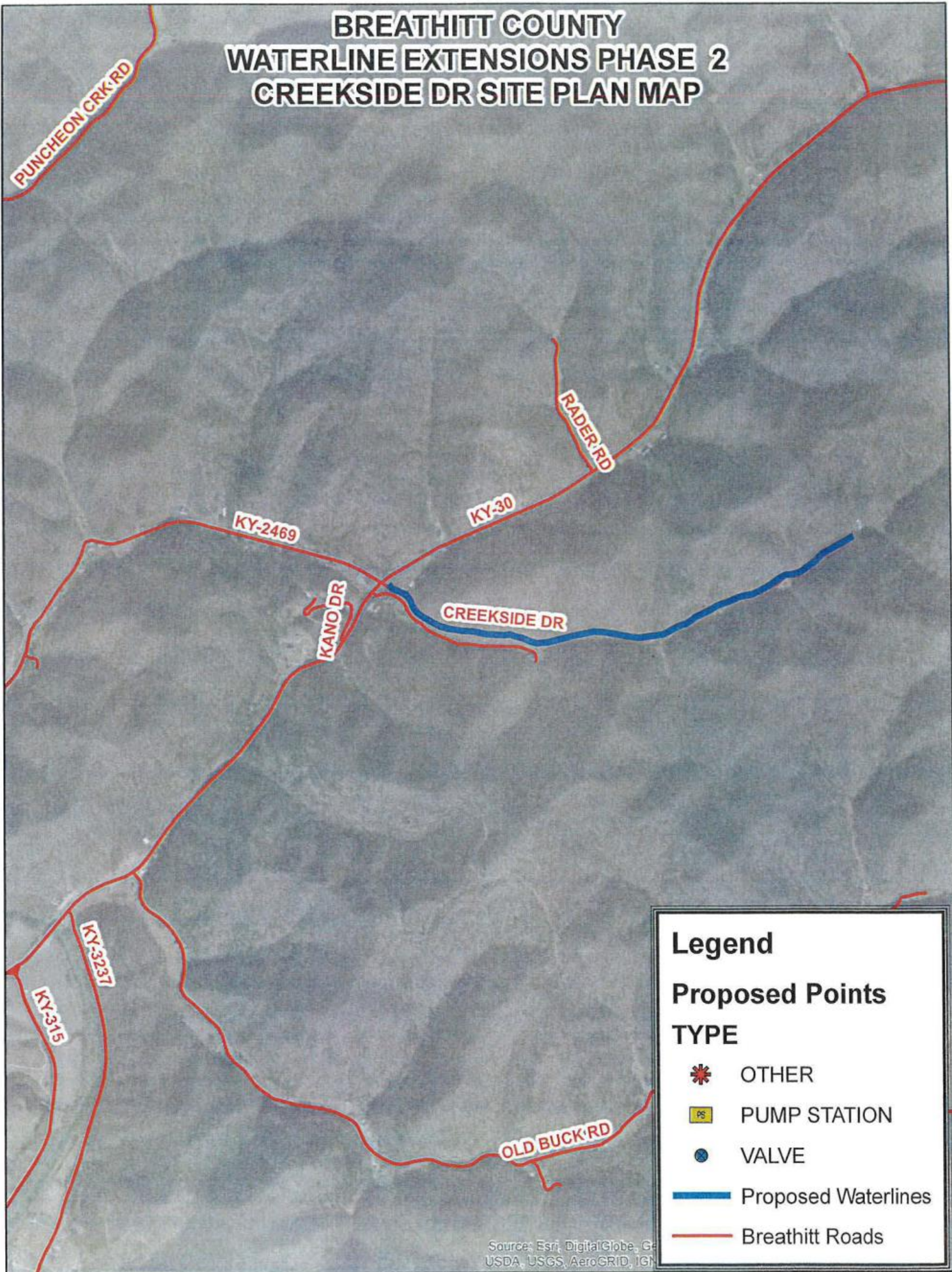
Your comments may address beneficial or adverse impacts or, both. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent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

Sincerely,

A handwritten signature in cursive script, appearing to read "Jennifer McIntosh".

Jennifer McIntosh
Water & Wastewater Planner

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR SITE PLAN MAP



Legend

Proposed Points

TYPE



OTHER



PUMP STATION



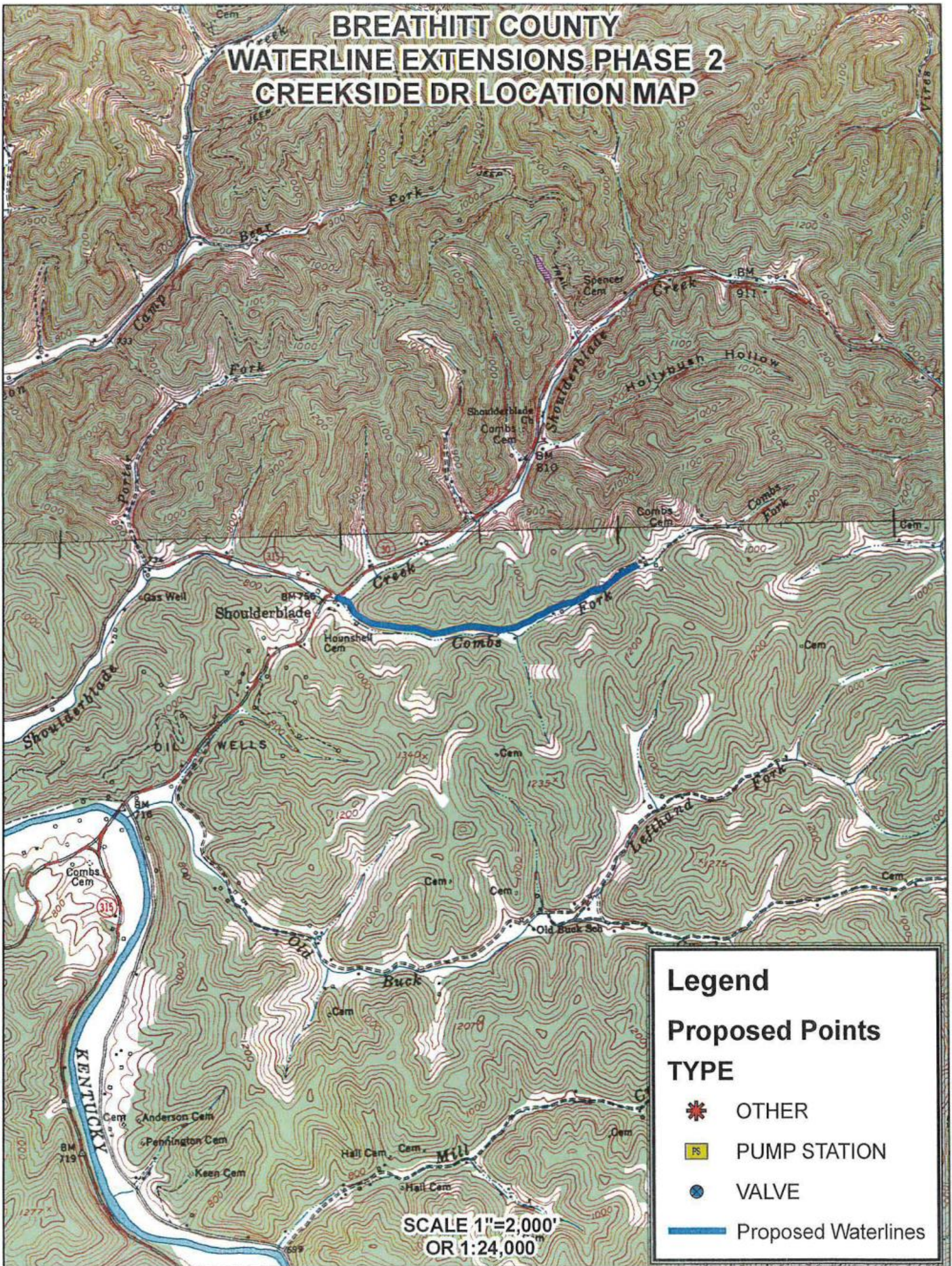
VALVE

Proposed Waterlines

Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR LOCATION MAP



Legend

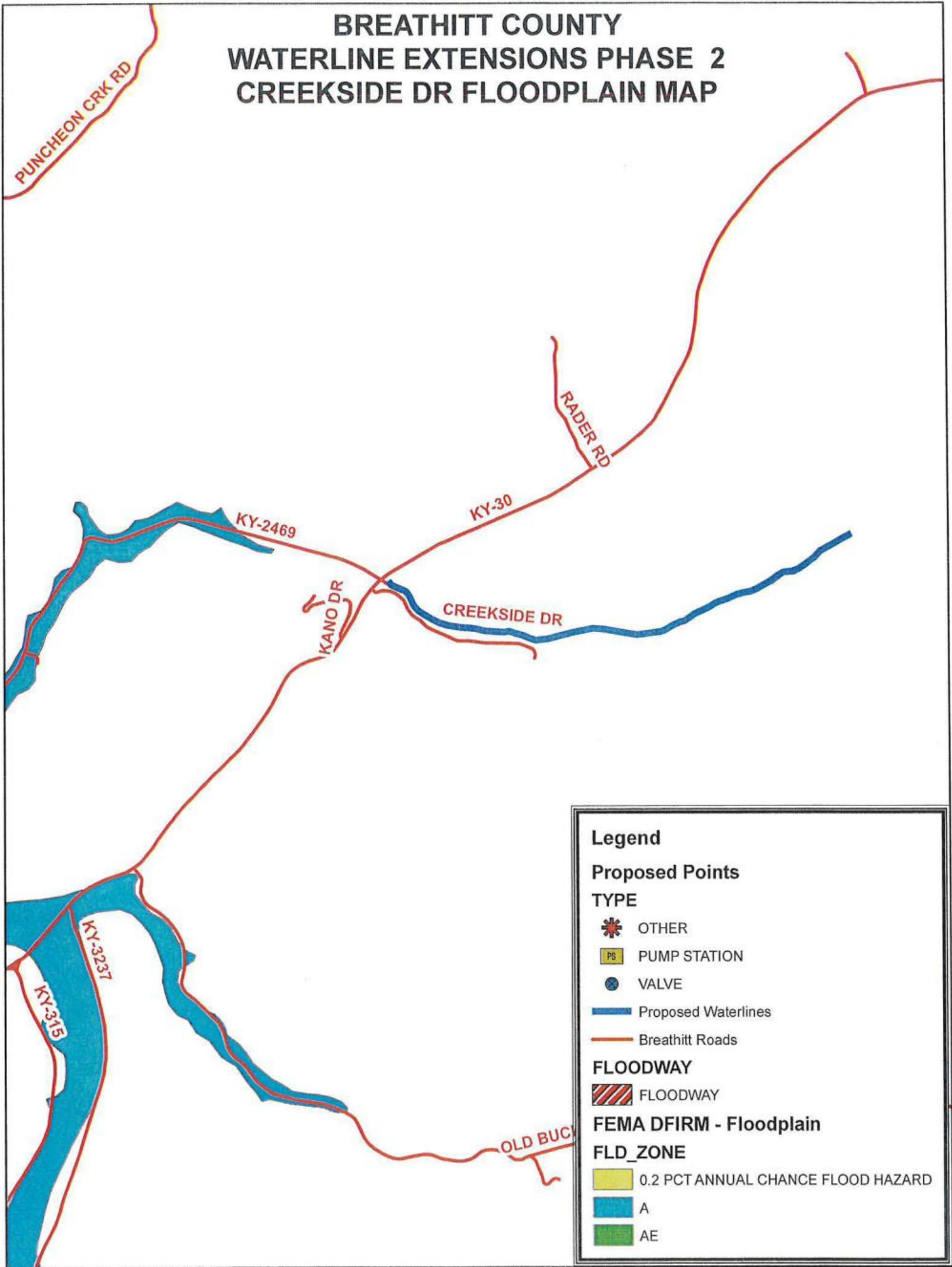
Proposed Points

TYPE

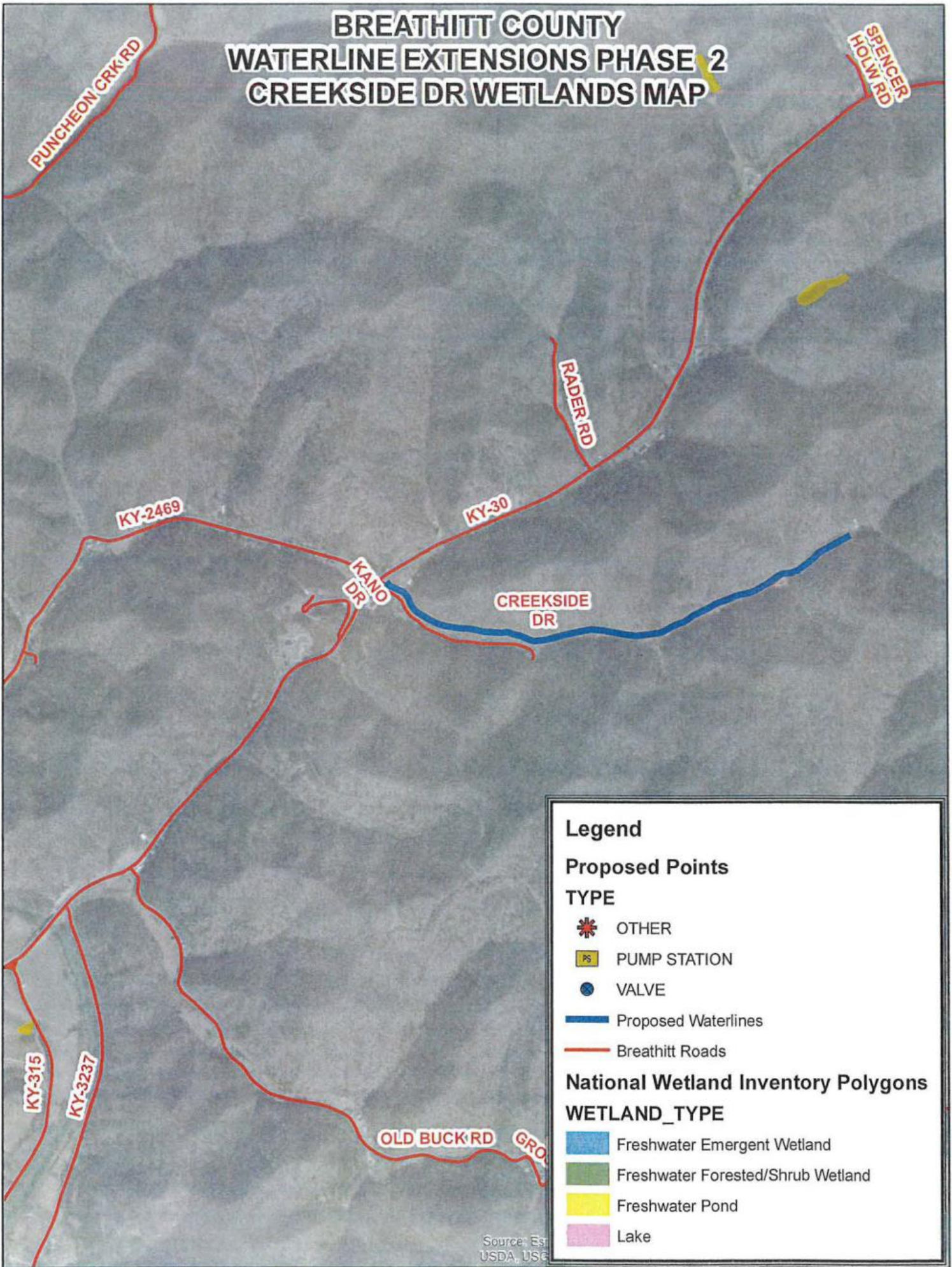
-  OTHER
-  PS PUMP STATION
-  VALVE
-  Proposed Waterlines

SCALE 1"=2,000'
OR 1:24,000^m

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR FLOODPLAIN MAP






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR WETLANDS MAP





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

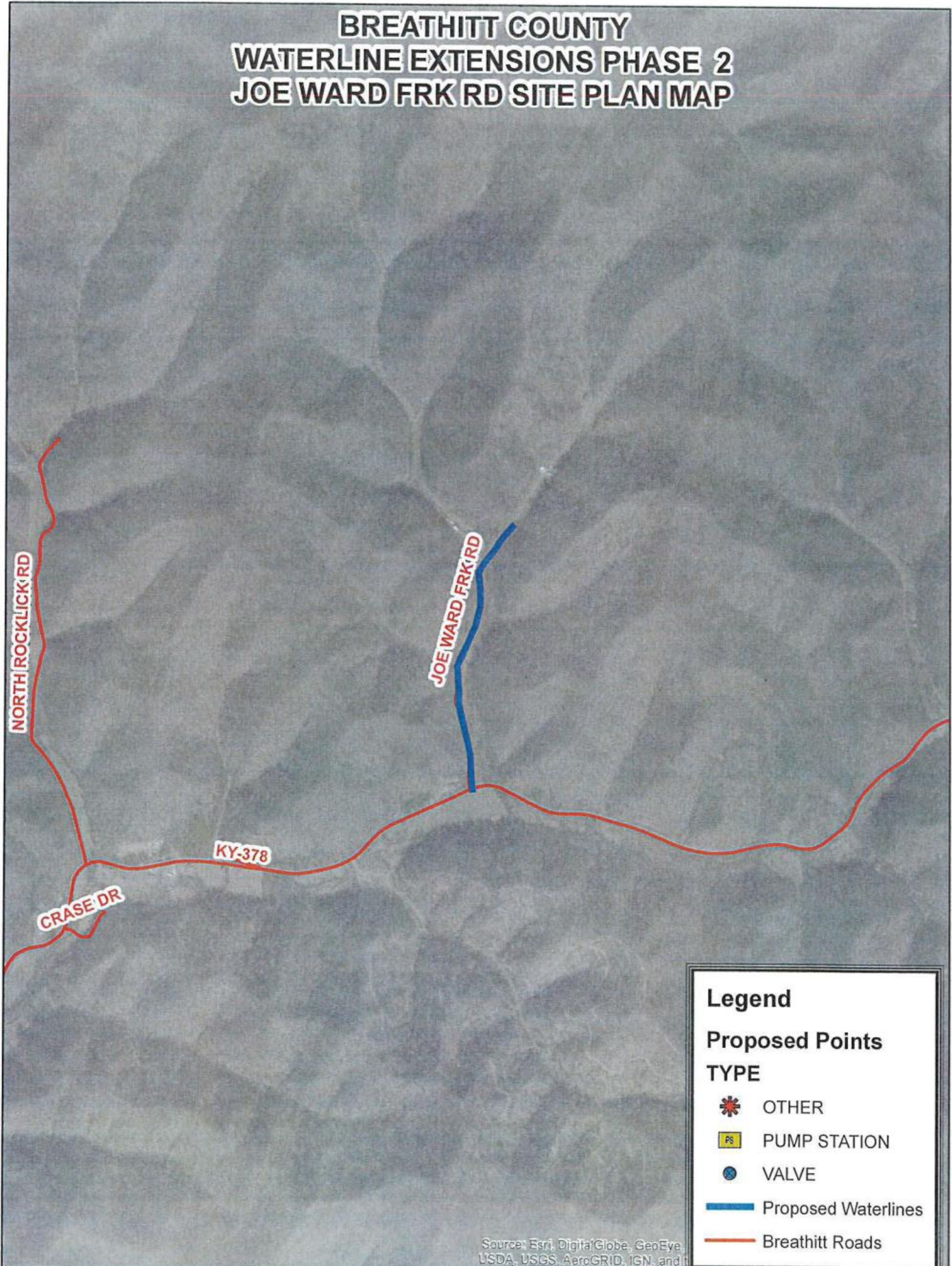
National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source: Esri
USDA, USGS




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD SITE PLAN MAP





Legend

Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and the State of Kentucky

BREATHITT COUNTY, WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD LOCATION MAP







SCALE 1"=2,000'
OR 1:24,000

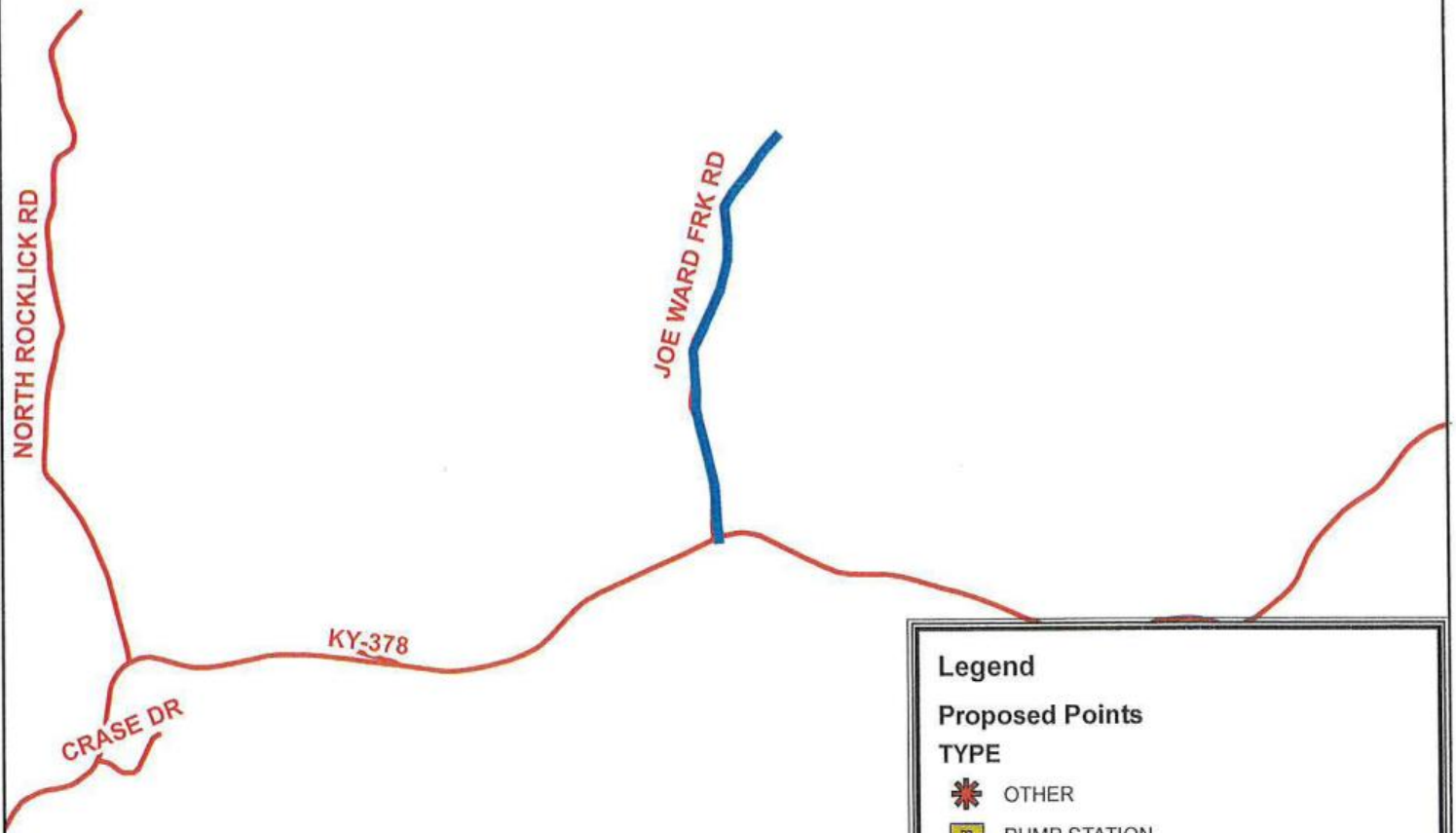
Legend

Proposed Points

TYPE

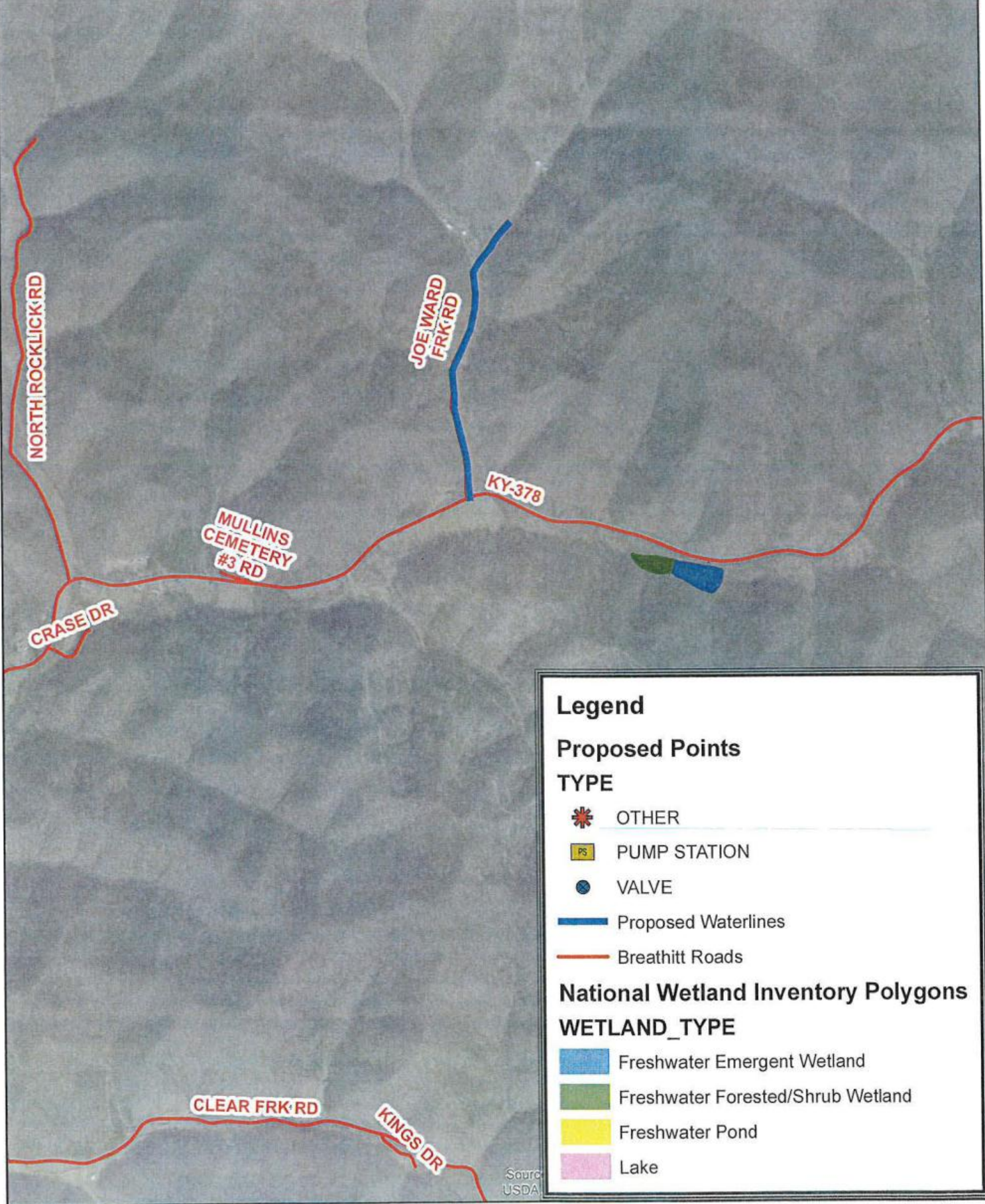
-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 JOE WARD FRK RD WETLANDS MAP




Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

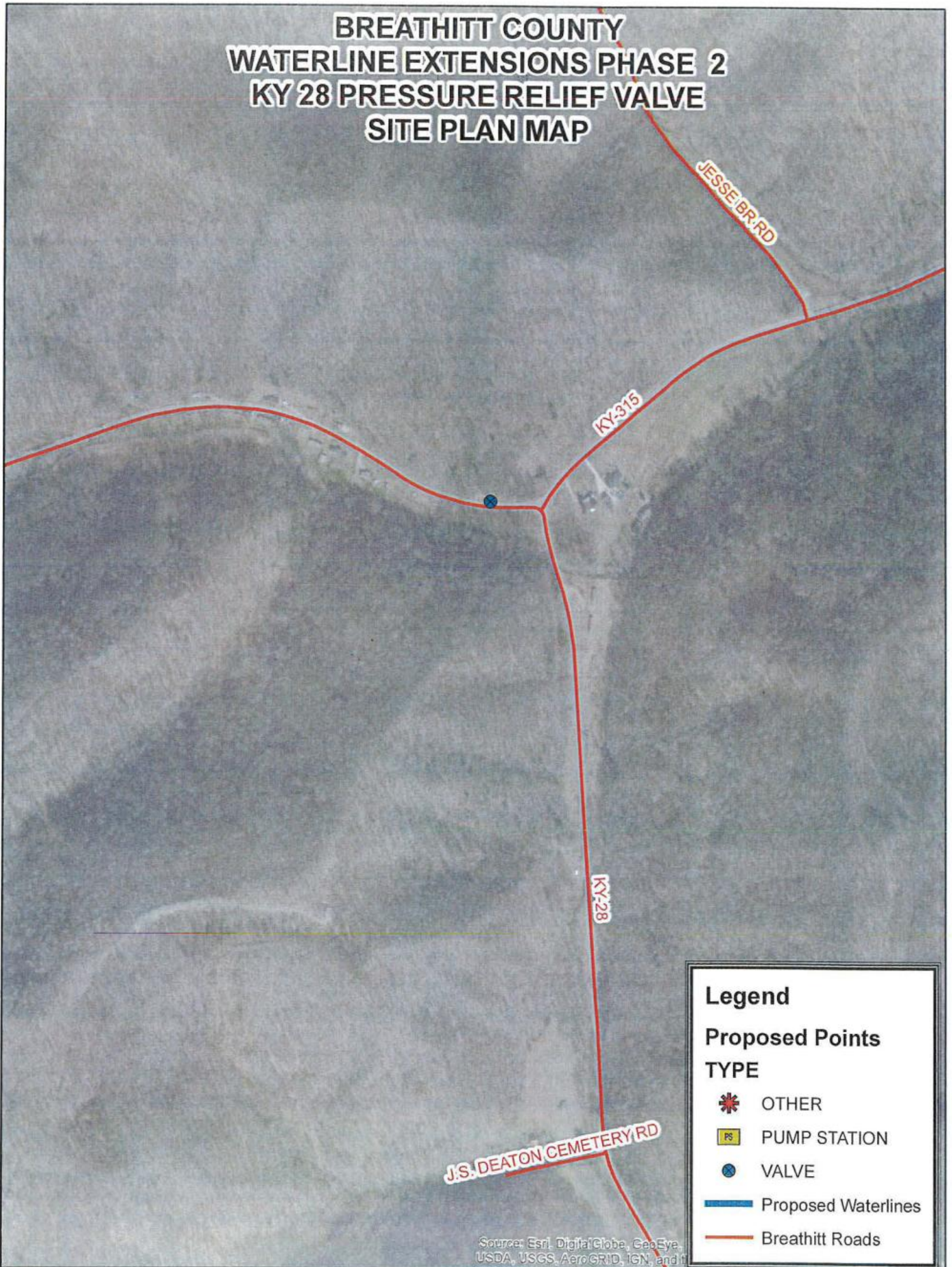
National Wetland Inventory Polygons

WETLAND_TYPE

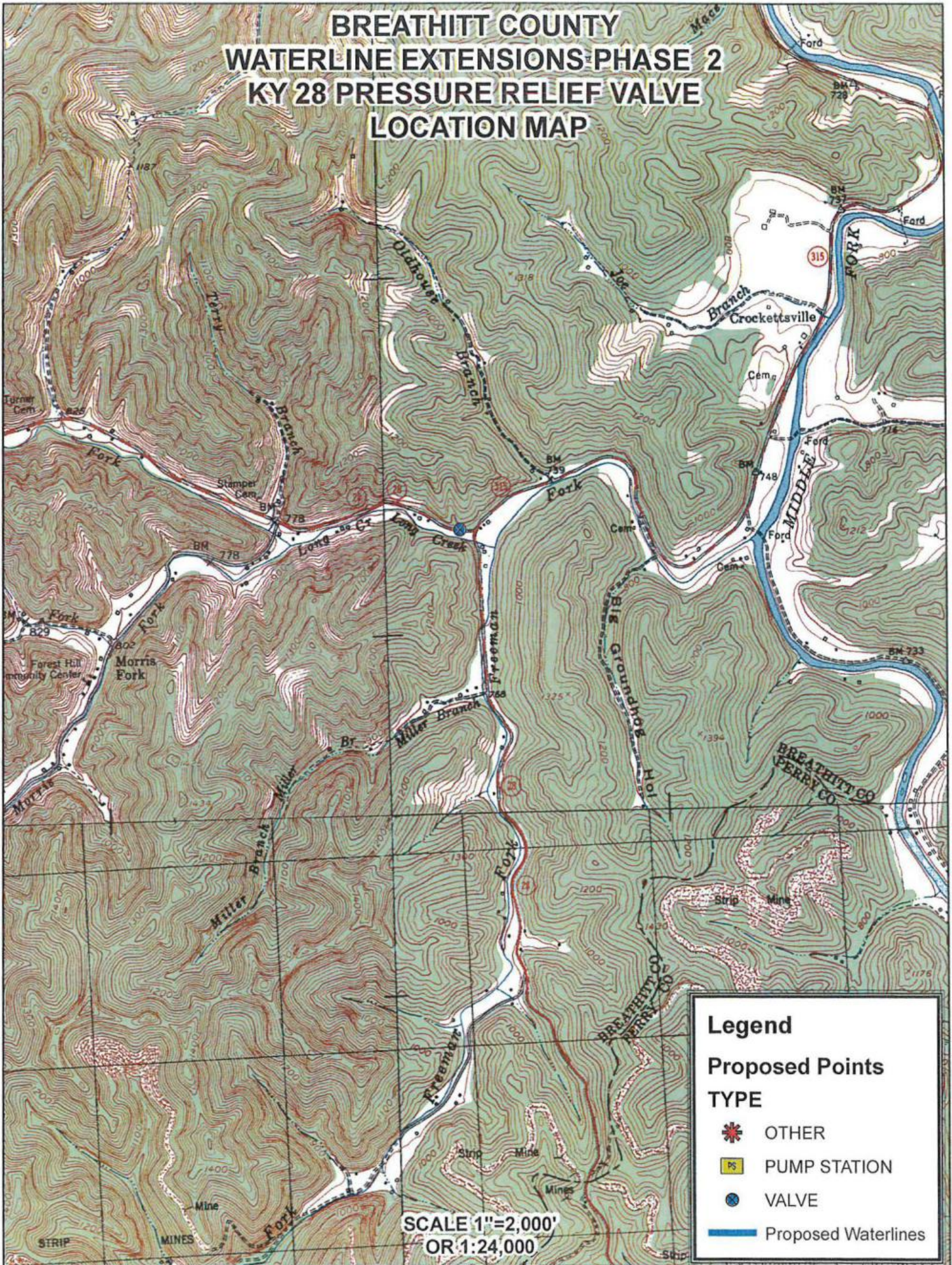
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source: USDA

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE SITE PLAN MAP



BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE LOCATION MAP







SCALE 1"=2,000'
OR 1:24,000

Legend

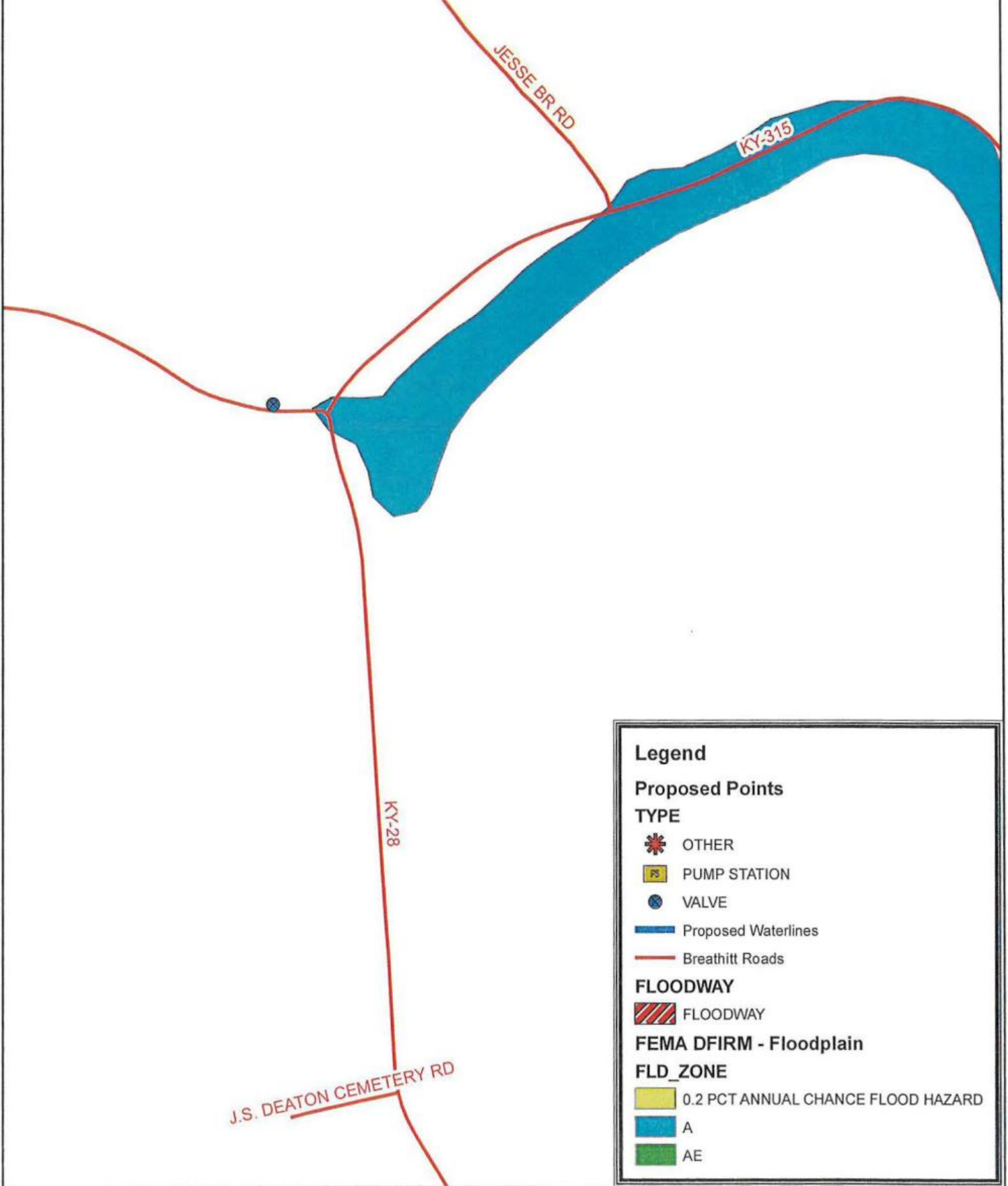
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

254

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE WETLANDS MAP





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

J.S. DEAN
CEMETERY

Source: Esri,
USDA, USGS

224




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE SITE PLAN MAP





Legend

Proposed Points

TYPE

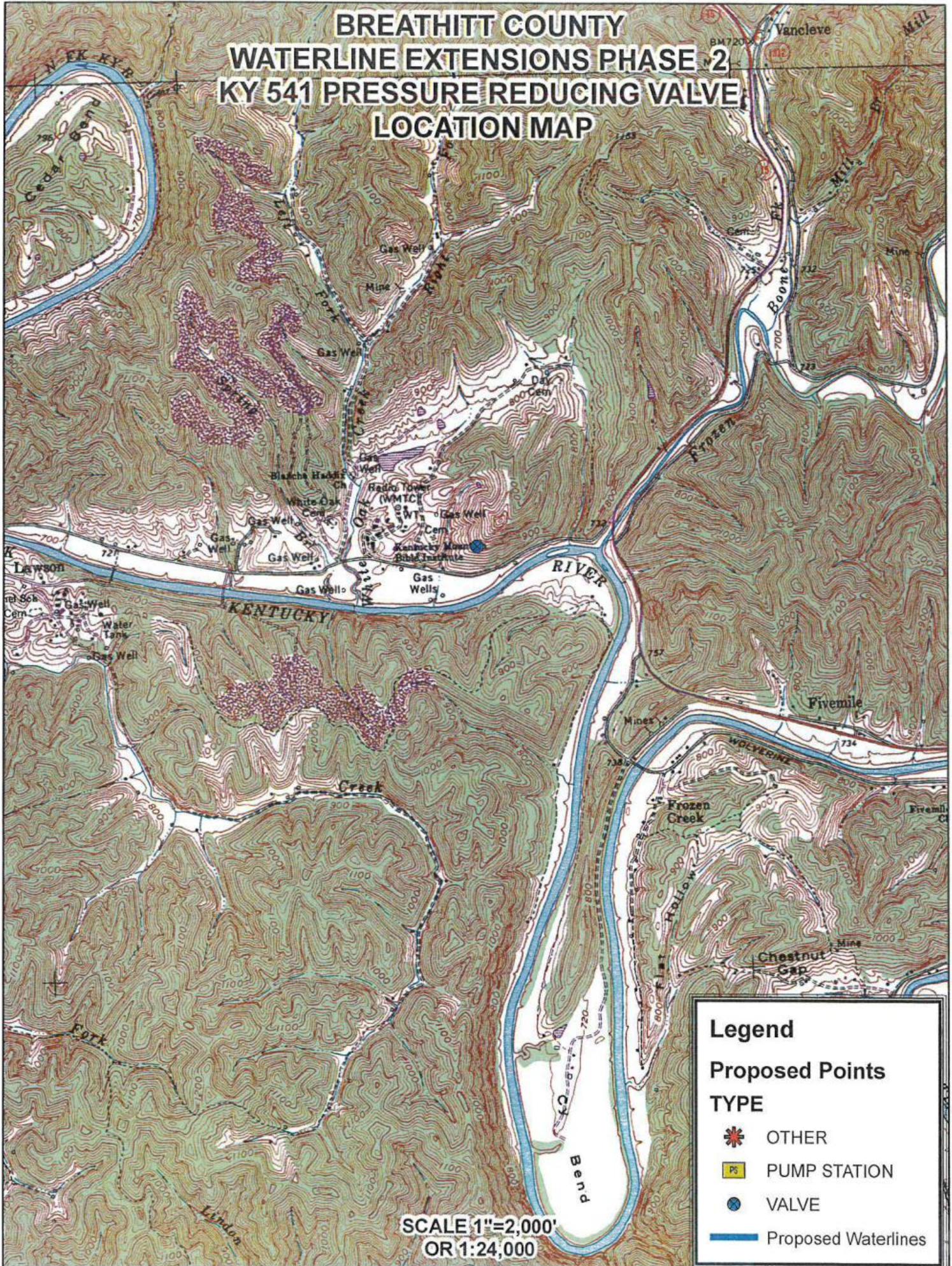
-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

221





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE LOCATION MAP



Legend

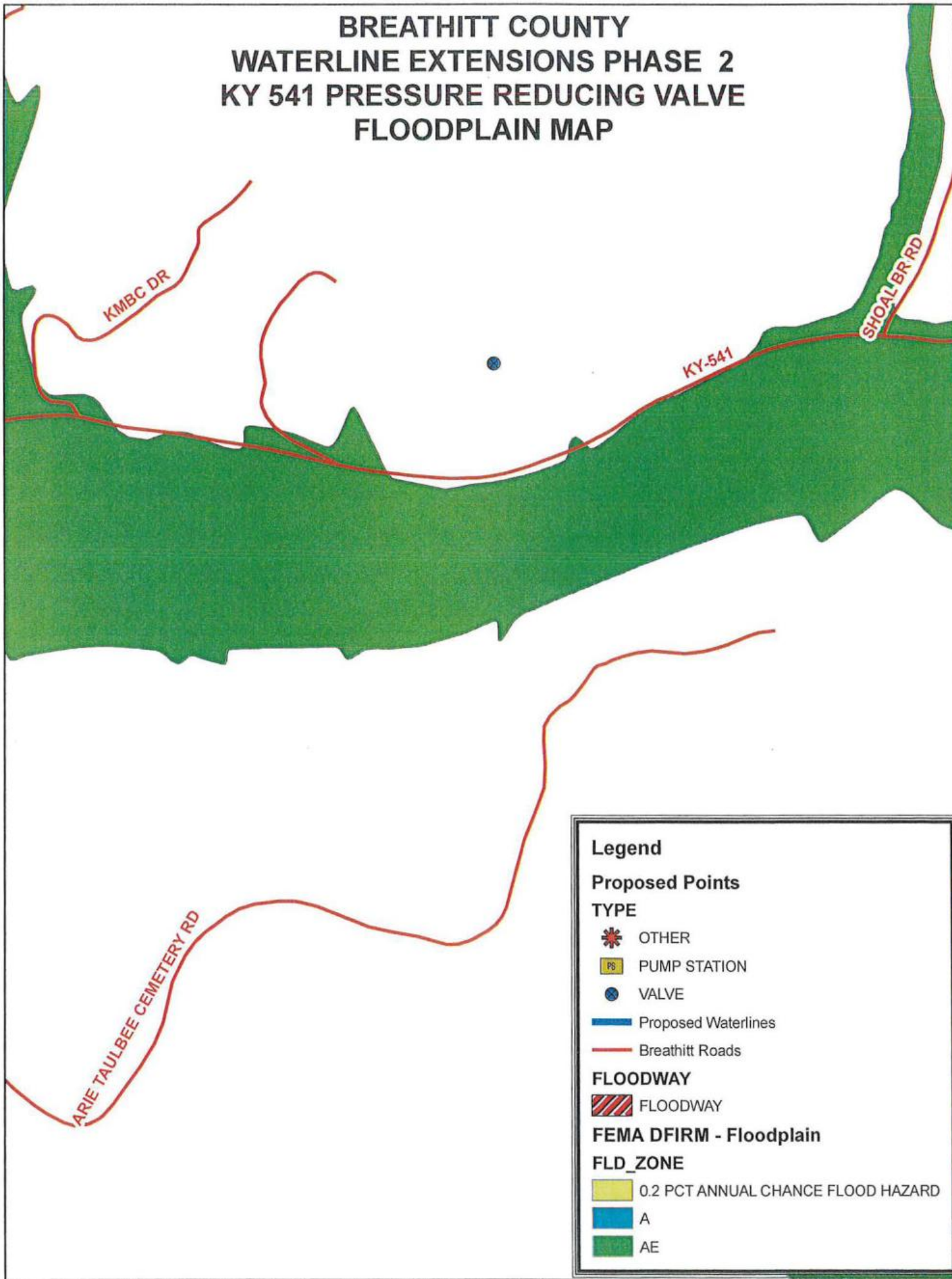
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

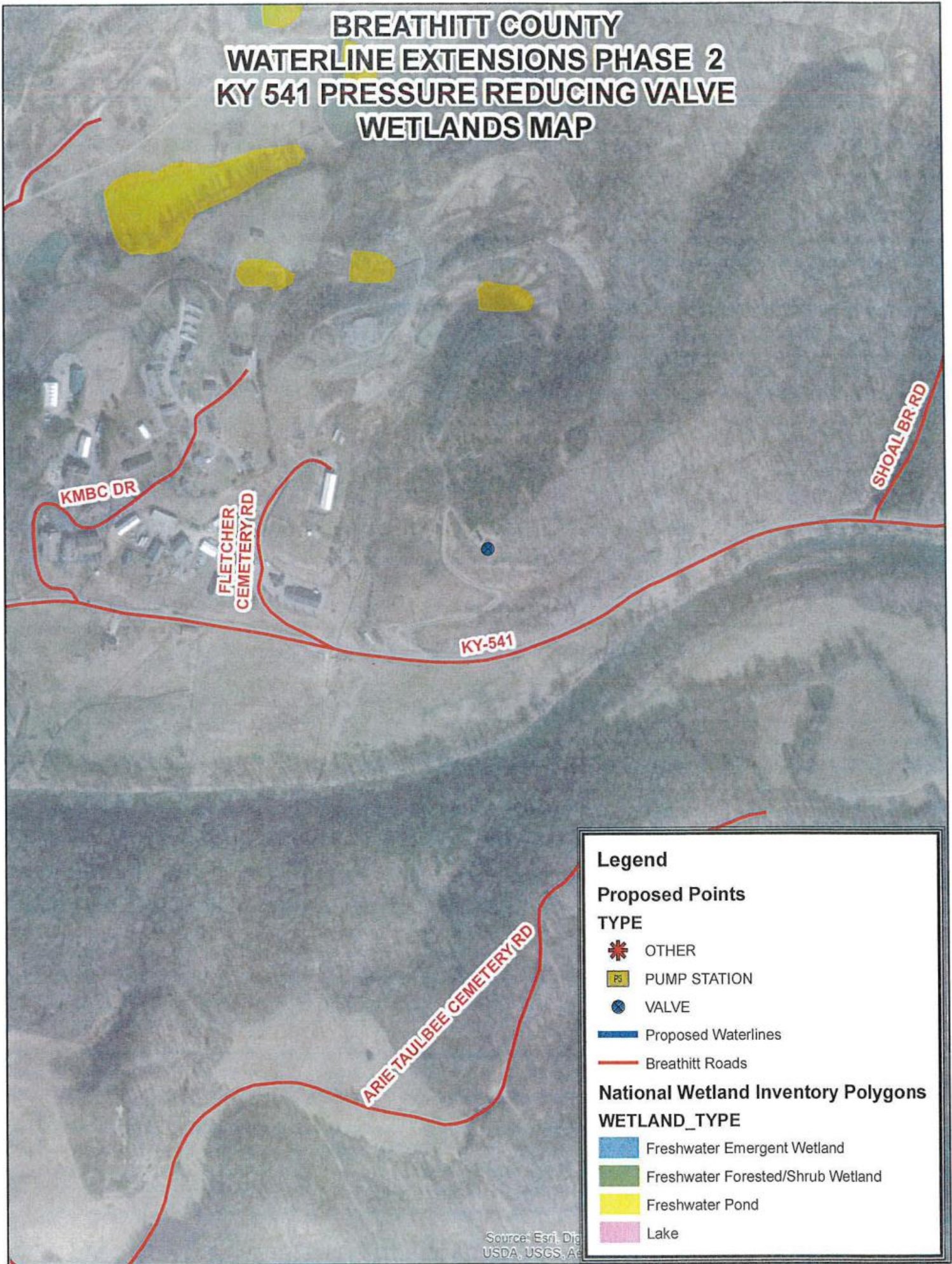
SCALE 1"=2,000'
OR 1:24,000

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE

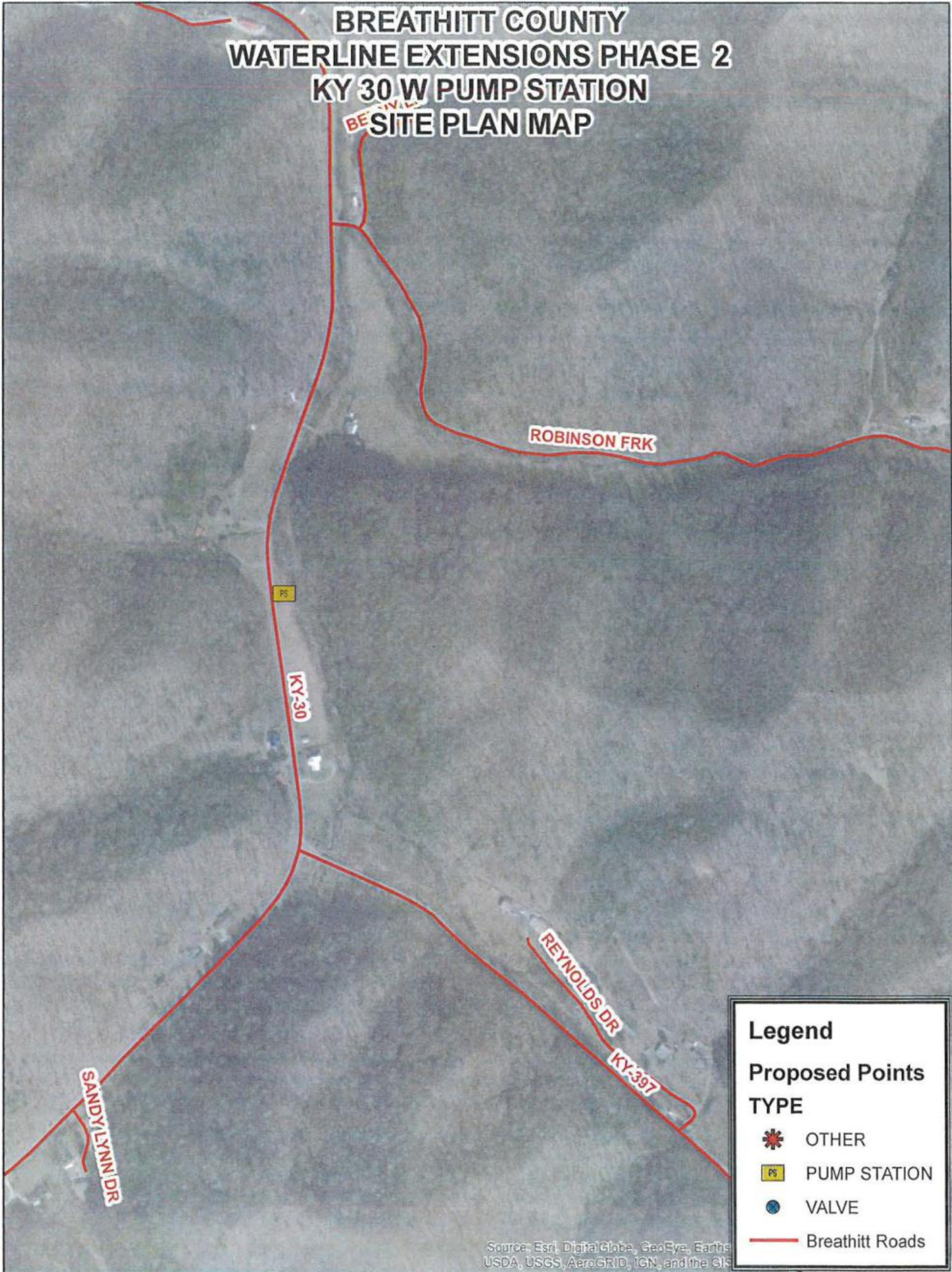
BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 541 PRESSURE REDUCING VALVE WETLANDS MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Proposed Waterlines
	Breathitt Roads
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake

Source: Esri, DigitalGlobe, GeoEye, IGN, USDA, USGS, AeroGRID, IGN, Esri, Air Photo





**BREATHITT COUNTY
WATERLINE EXTENSIONS PHASE 2
KY 30 W PUMP STATION
SITE PLAN MAP**



Legend

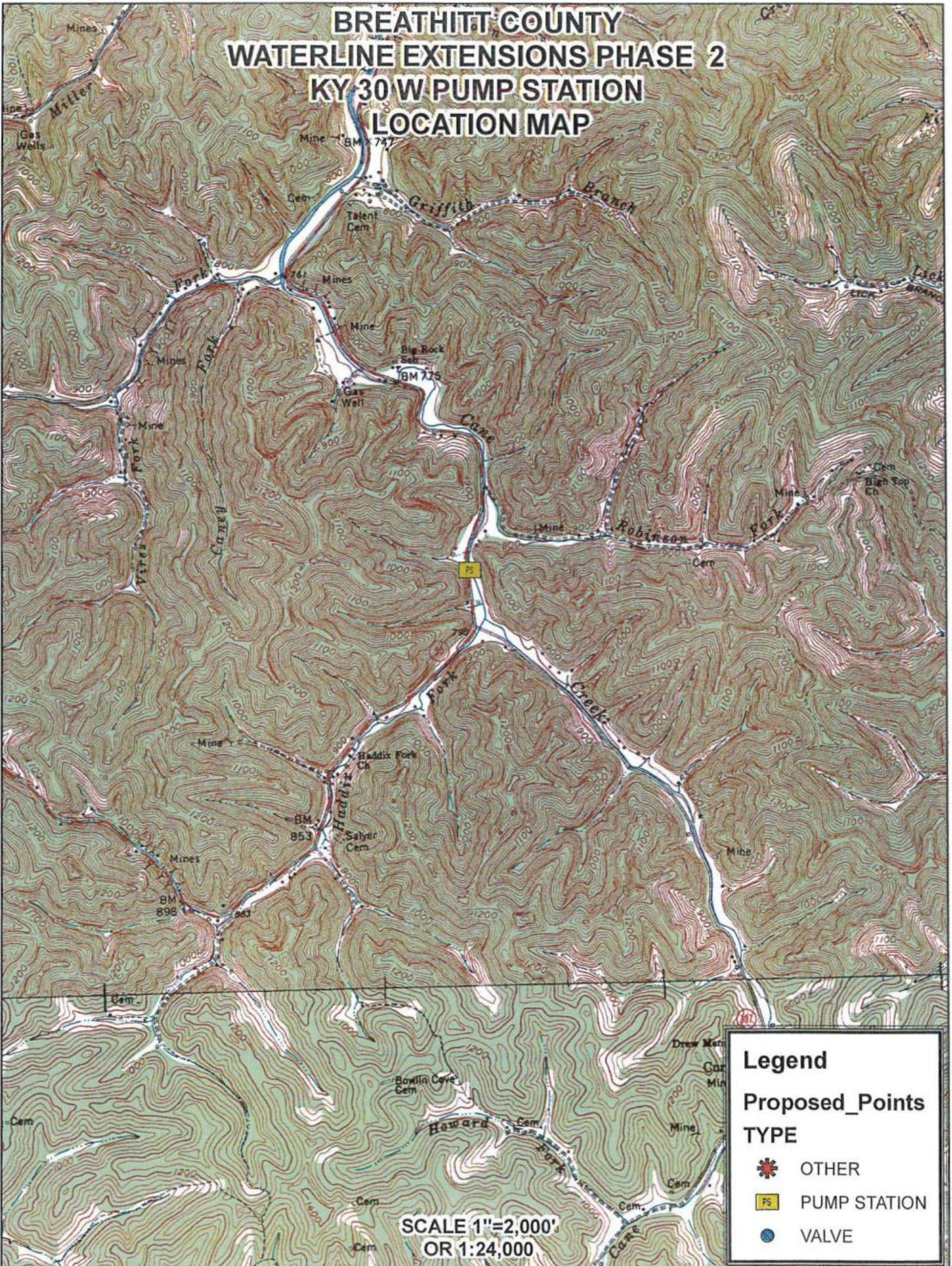
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AeroGRID, IGN, and the GIS User Community

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION LOCATION MAP

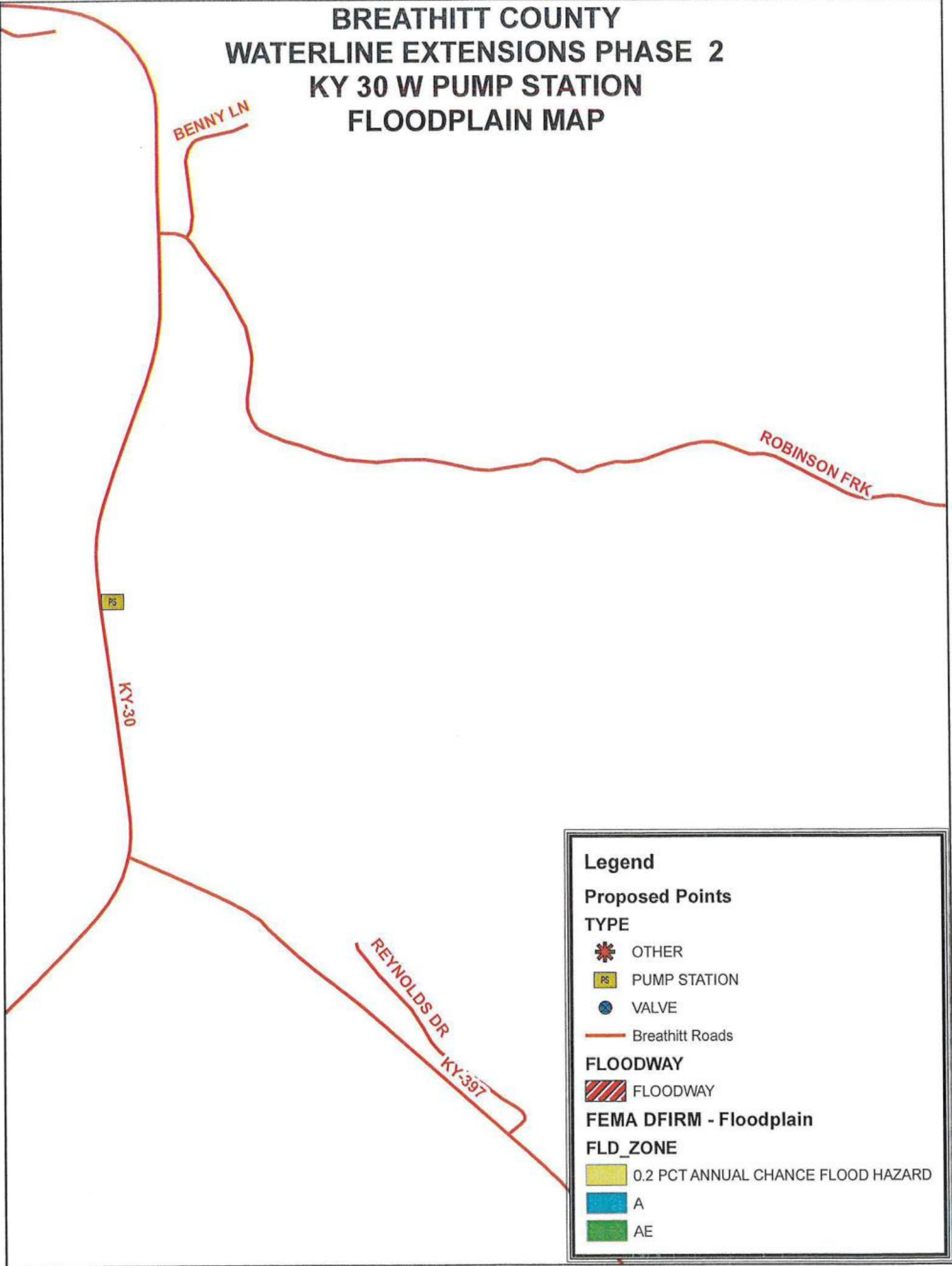


SCALE 1"=2,000'
OR 1:24,000

Legend	
Proposed_Points	
TYPE	
*	OTHER
PS	PUMP STATION
●	VALVE

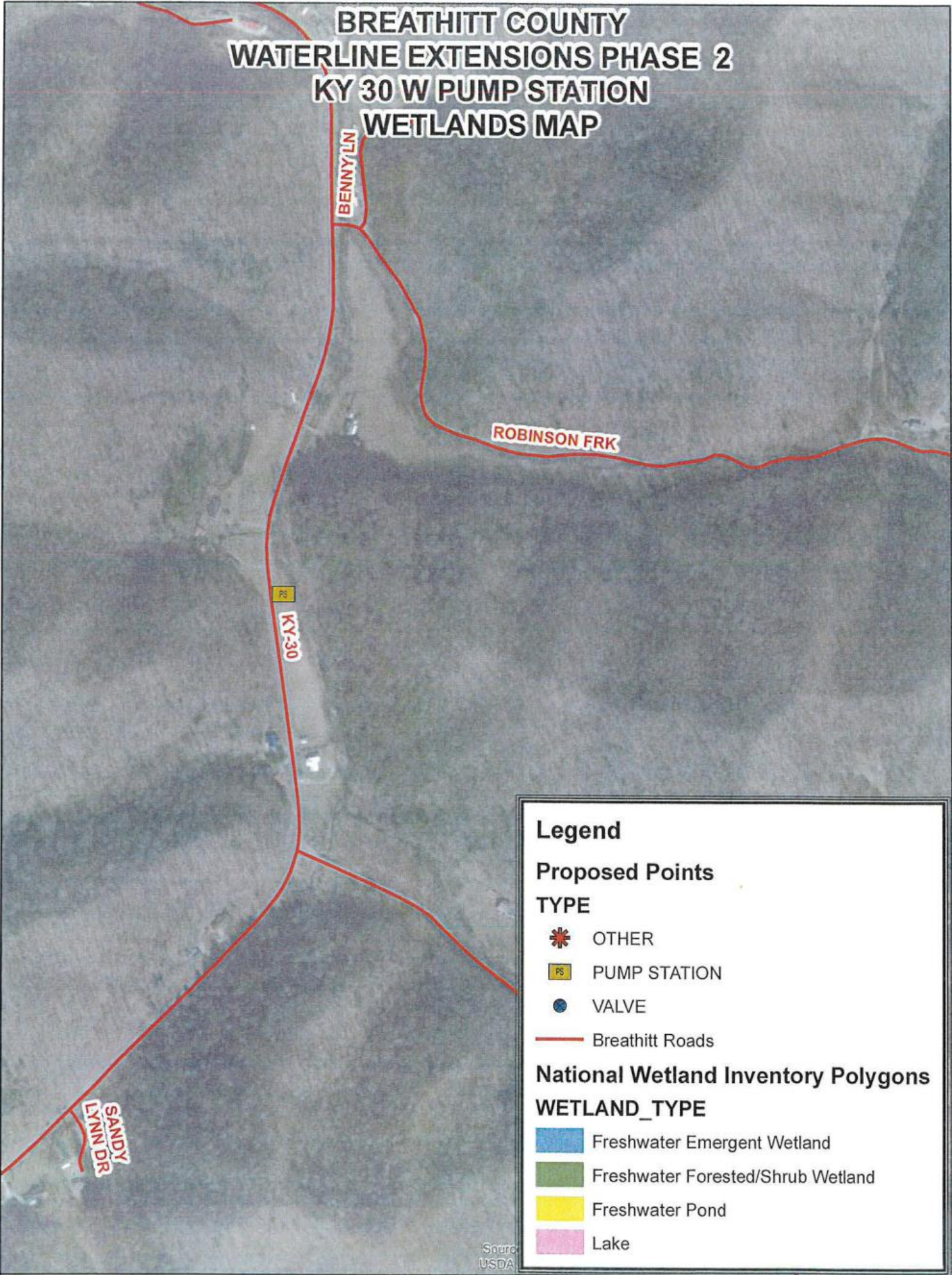
222

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION FLOODPLAIN MAP



Legend	
Proposed Points	
TYPE	
	OTHER
	PUMP STATION
	VALVE
	Breathitt Roads
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE




**BREATHITT COUNTY
WATERLINE EXTENSIONS PHASE 2
KY 30 W PUMP STATION
WETLANDS MAP**




Legend

Proposed Points





TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Breathitt Roads

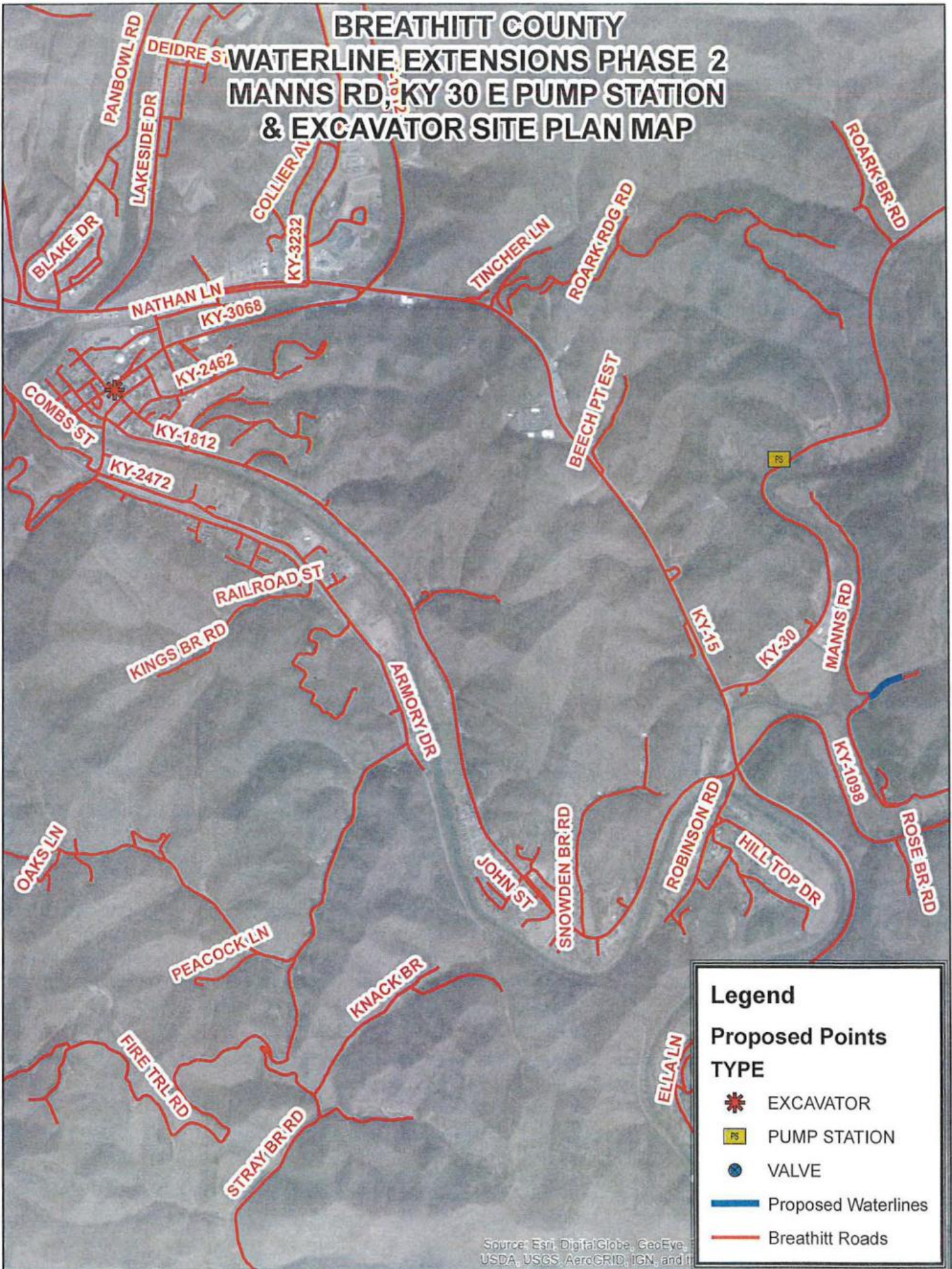
National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source:
USDA






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR SITE PLAN MAP



Legend

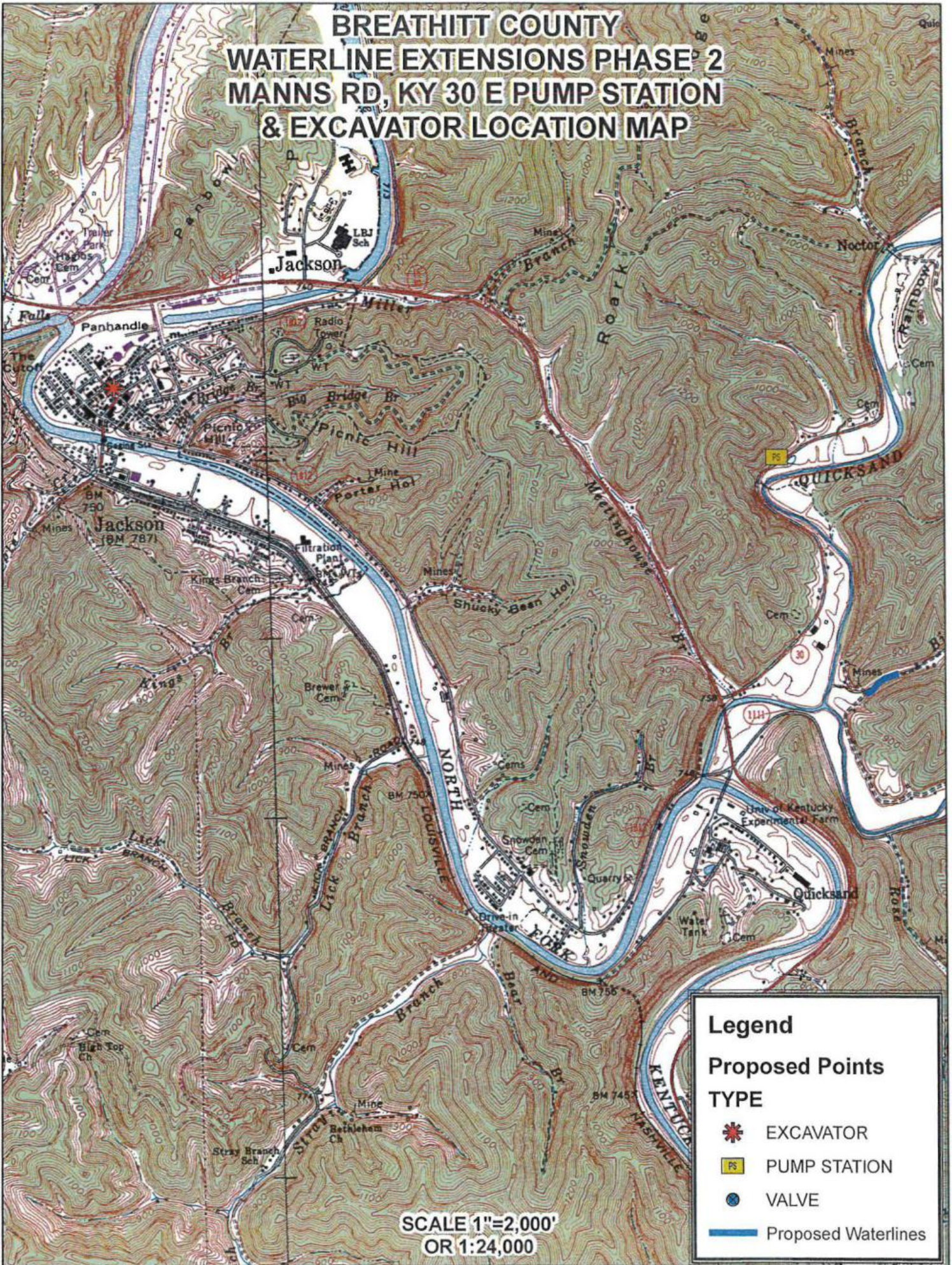
Proposed Points

TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE
-  Proposed Waterlines
-  Breathitt Roads

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and I

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR LOCATION MAP



SCALE 1"=2,000'
OR 1:24,000

Legend

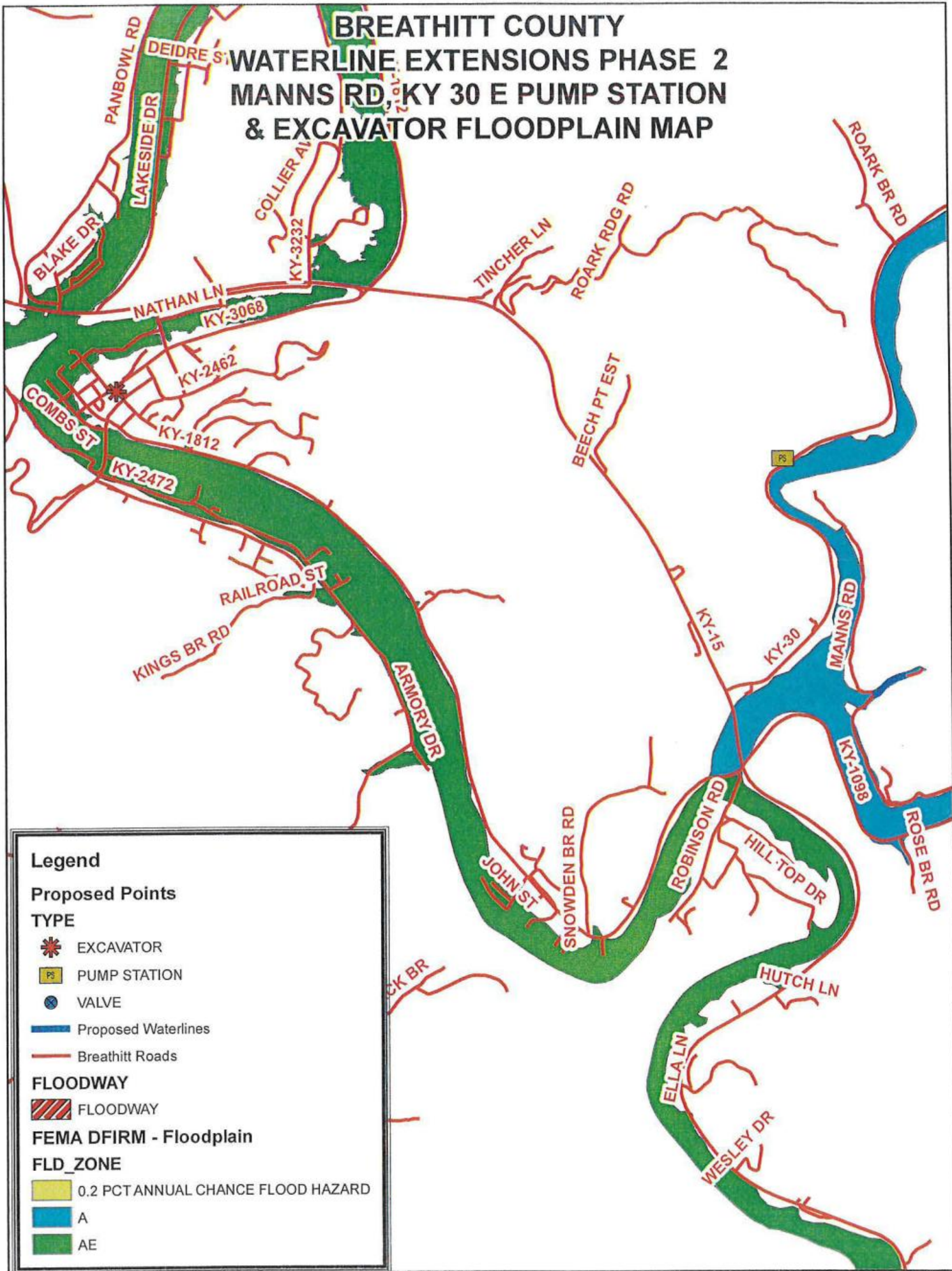
Proposed Points

TYPE

- ✱ EXCAVATOR
- PS PUMP STATION
- VALVE
- Proposed Waterlines

270




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANN'S RD, KY 30 E PUMP STATION & EXCAVATOR FLOODPLAIN MAP





Legend

Proposed Points

TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE




-  Proposed Waterlines
-  Breathitt Roads

FLOODWAY

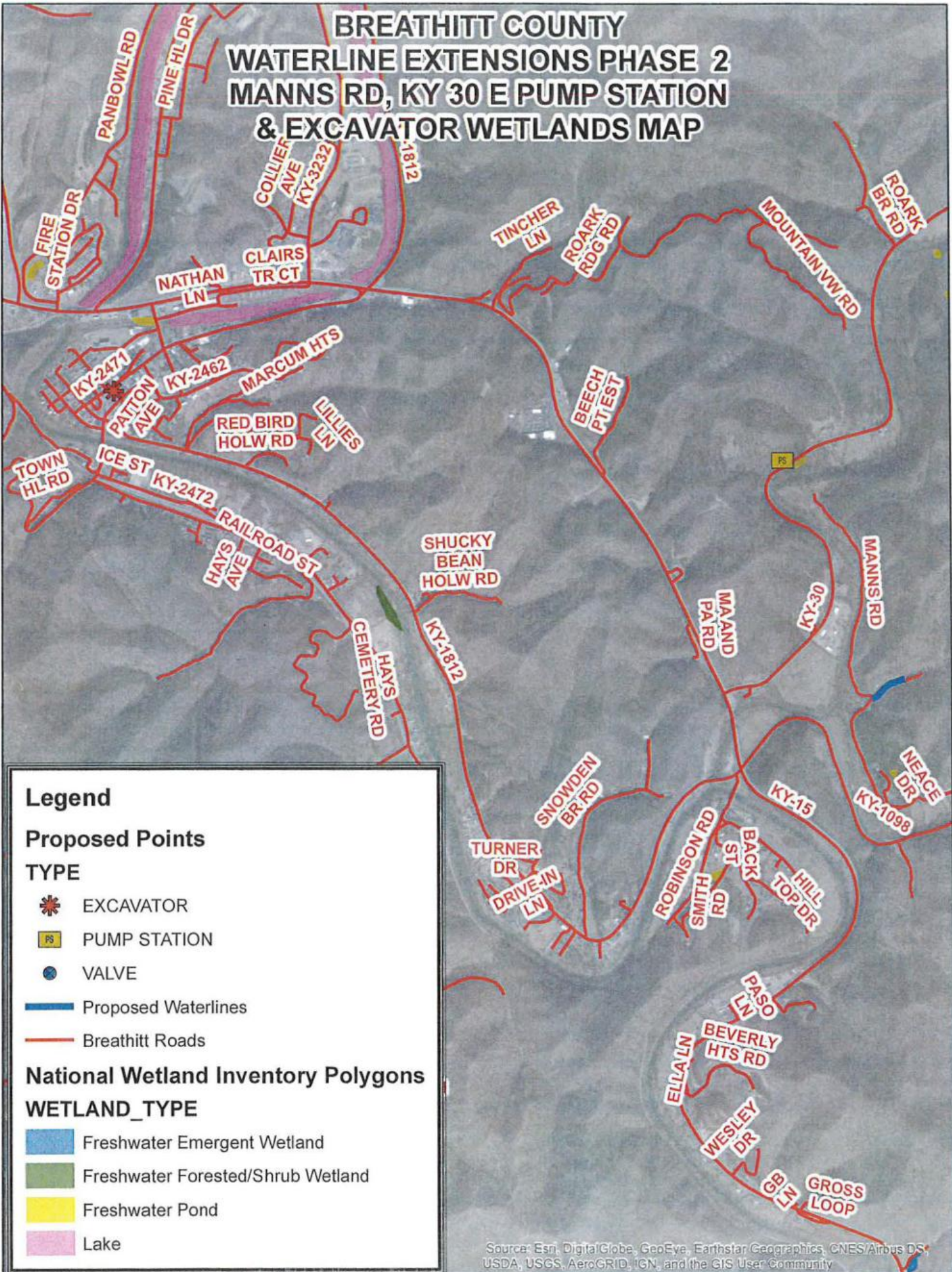
-  FLOODWAY

FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 MANNS RD, KY 30 E PUMP STATION & EXCAVATOR WETLANDS MAP





Legend

Proposed Points





TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE

-  Proposed Waterlines
-  Breathitt Roads

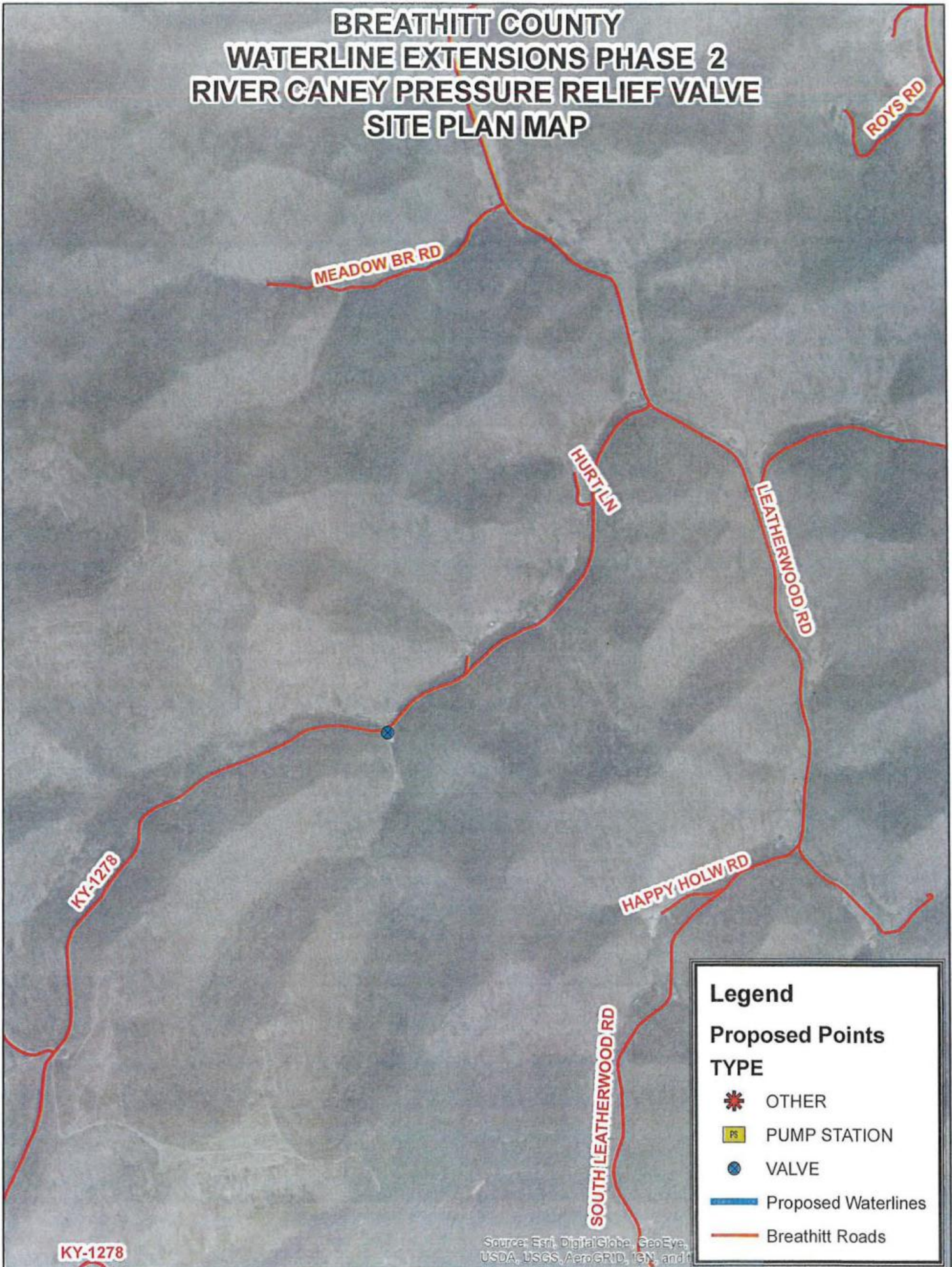
National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

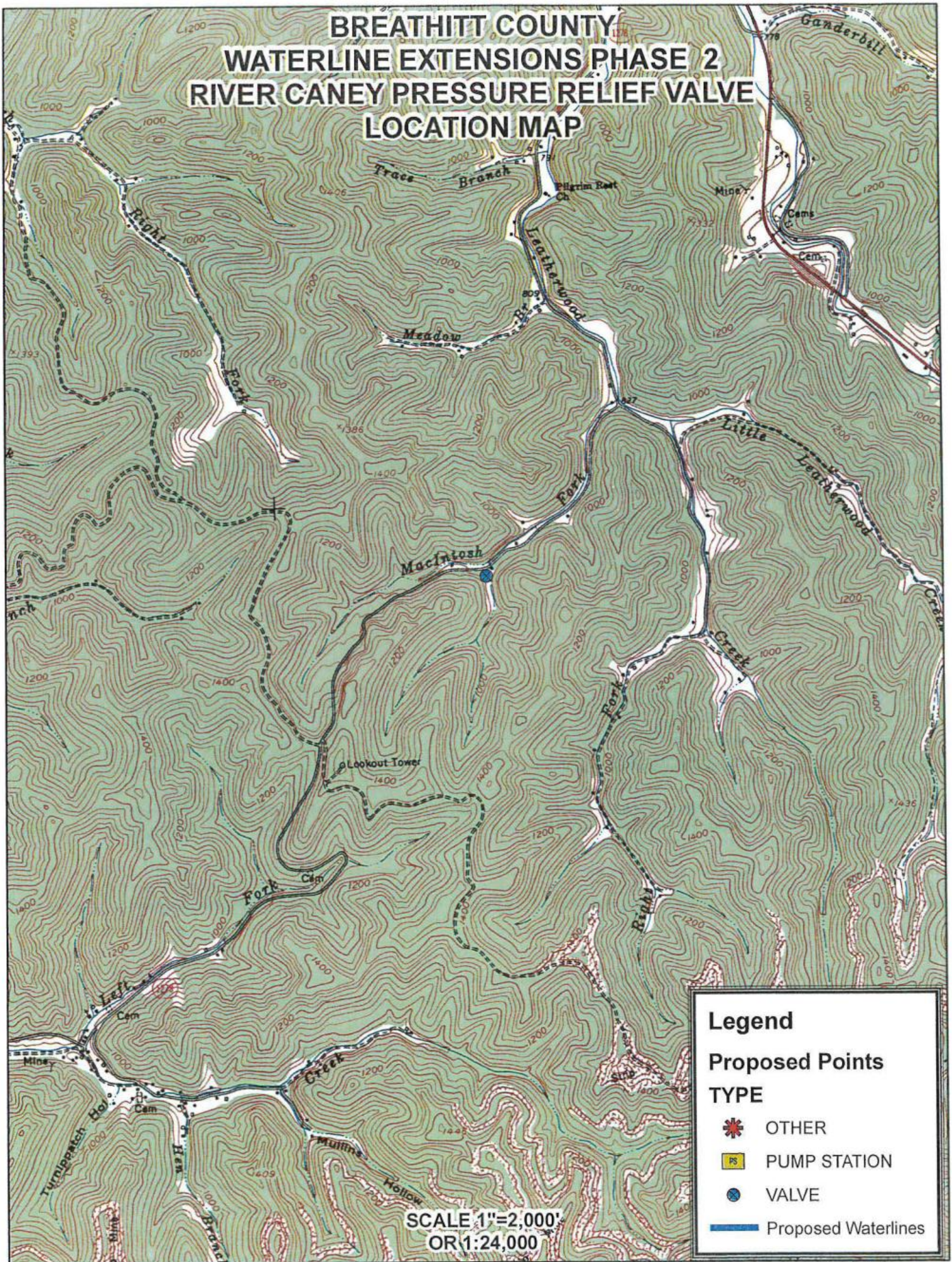
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE SITE PLAN MAP



Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and





BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE LOCATION MAP



Legend

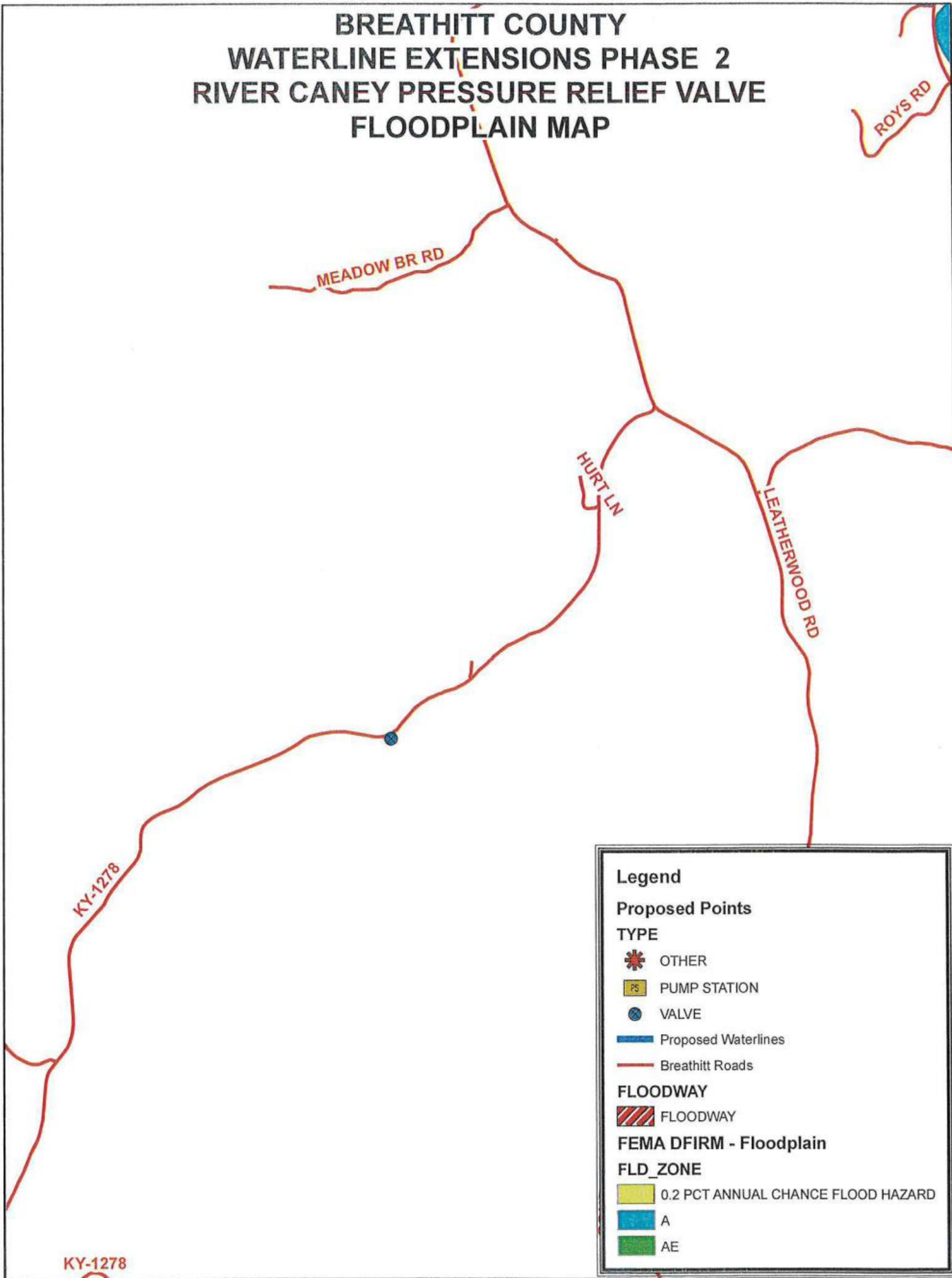
Proposed Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

SCALE 1"=2,000'
OR 1:24,000'

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE FLOODPLAIN MAP



ROYS RD

MEADOW BR RD

HURT LN

LEATHERWOOD RD




KY-1278


KY-1278


Legend

Proposed Points


TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines




 Breathitt Roads

FLOODWAY

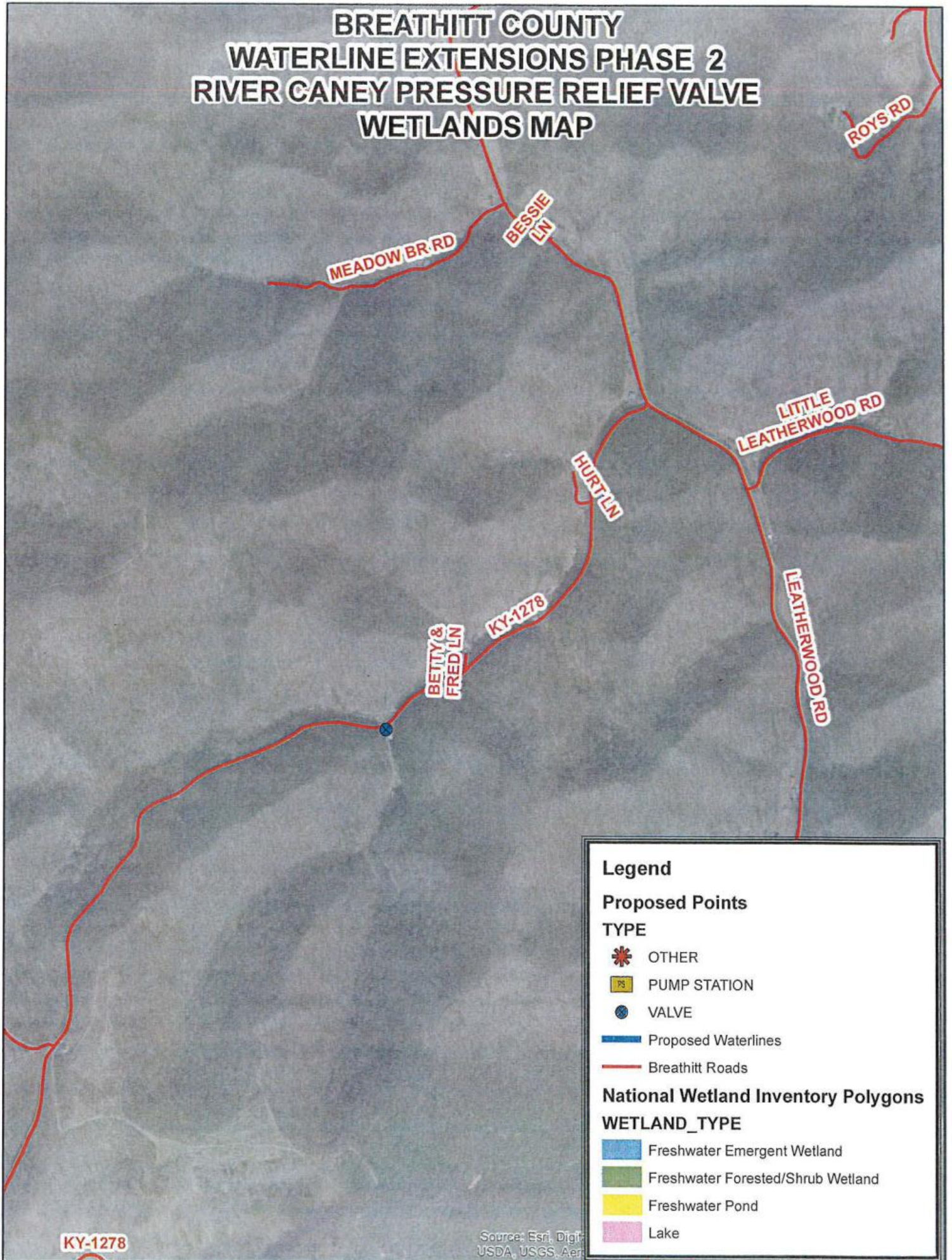
-  FLOODWAY

FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE WETLANDS MAP




Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

National Wetland Inventory Polygons

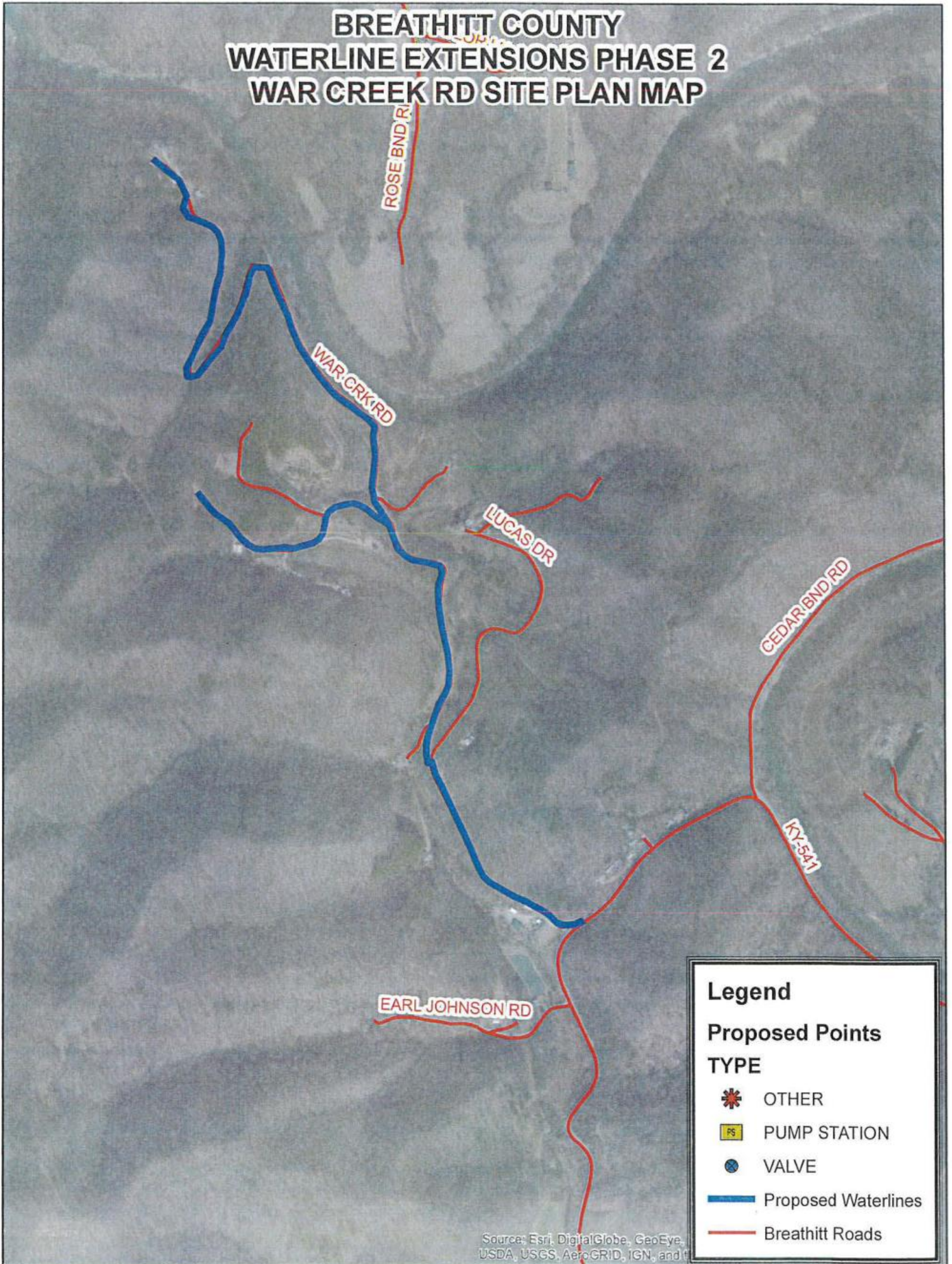
WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

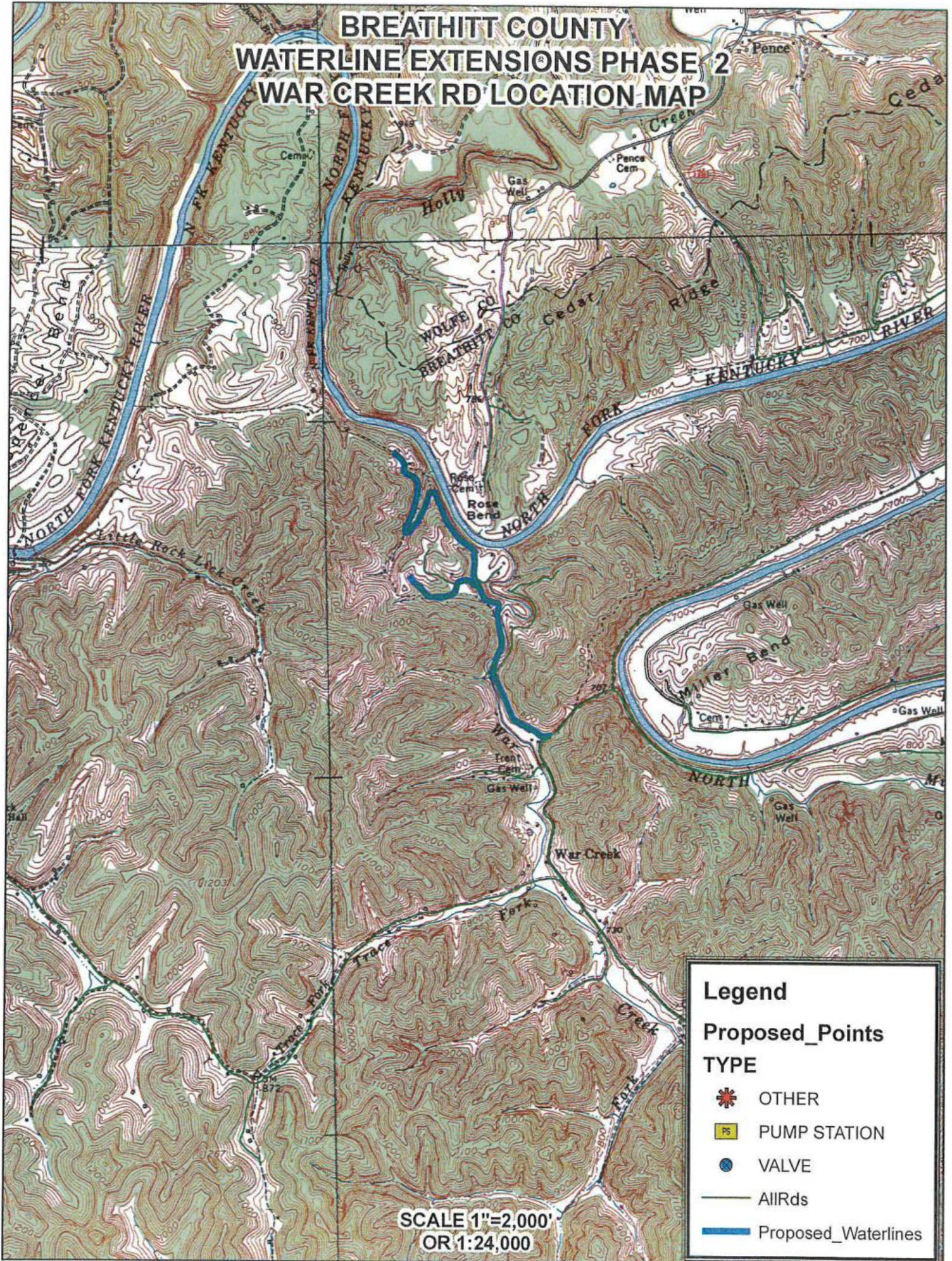
KY-1278

Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, Aero

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD SITE PLAN MAP



BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD LOCATION MAP








SCALE 1"=2,000'
OR 1:24,000

Legend

Proposed_Points

TYPE




-  OTHER
-  PUMP STATION
-  VALVE
-  AllRds
-  Proposed_Waterlines


BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD FLOODPLAIN MAP


Legend

Proposed Points


TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines




 Breathitt Roads

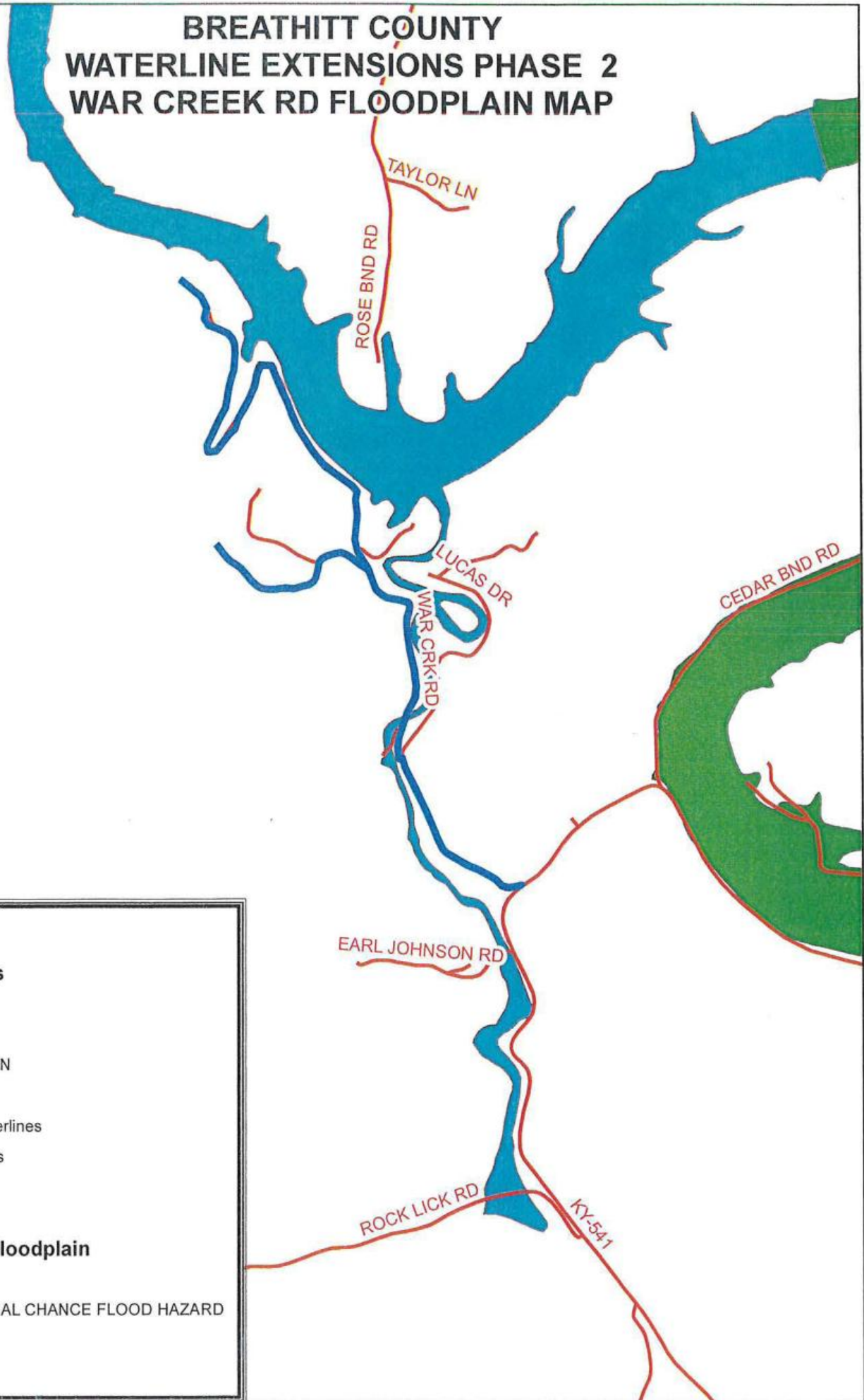
FLOODWAY

-  FLOODWAY

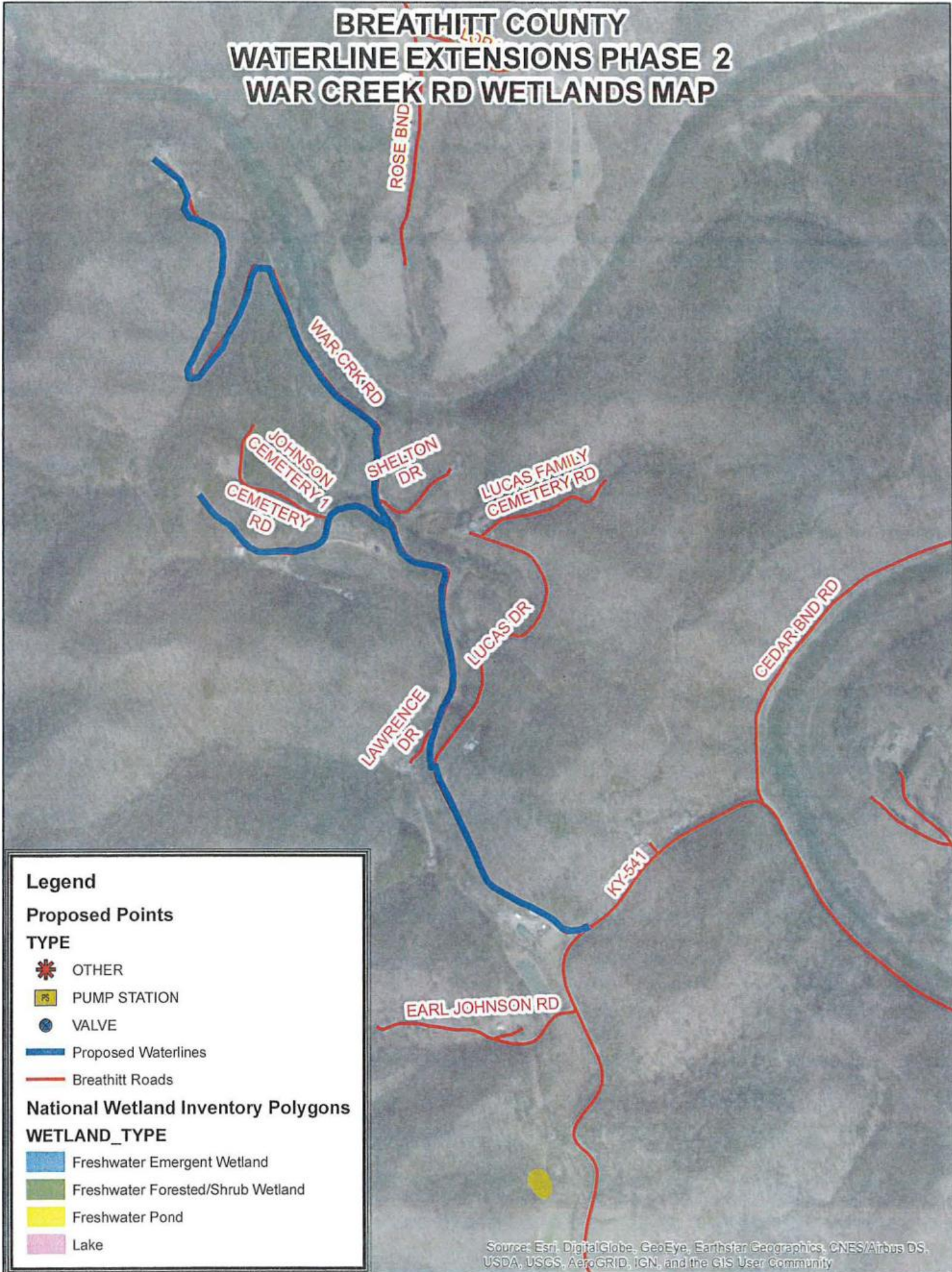
FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE






BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD WETLANDS MAP





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

National Wetland Inventory Polygons

WETLAND_TYPE

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community