

Exhibit 15

USACOE

shannonr@kradd.org

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Thursday, November 19, 2020 5:58 PM
To: shannonr@kradd.org
Subject: FW: LRL-2020-998 - Breathitt County Waterline Extension Phase 2

See below

Thank You,

Jennifer McIntosh

Water & Wastewater Planner
Kentucky River Area Development District
941 North Main Street
Hazard, KY 41701
Phone: 606-436-3158
Fax: 606-436-2144
Website: www.kradd.org
<https://www.facebook.com/KentuckyRiverADD/>

Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties

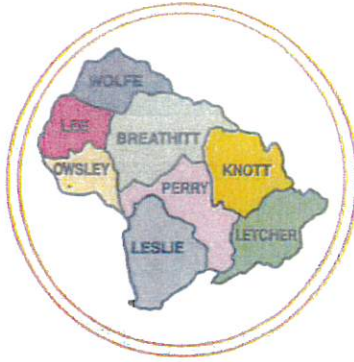
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From: Branham, Justin L CIV USARMY CELRL (USA) [mailto:Justin.L.Branham@usace.army.mil]
Sent: Thursday, November 19, 2020 5:37 PM
To: Jennifer McIntosh
Subject: LRL-2020-998 - Breathitt County Waterline Extension Phase 2

Ms. McIntosh,

This email will serve as our official response to the above referenced request. A hard copy will not be mailed unless one is requested. Based on the information submitted, it does not appear that a permit would be required for the above referenced project as no discharge of fill or dredged material is proposed within aquatic resources as long as any proposed stream crossings would be conducted via directional boring. Directional boring/drilling is not a regulated activity. There are obvious stream crossings that would occur along Shoulderblade Creek, Joe Ward Fork, War Creek and an unnamed tributary at the mouth of War Creek. If the scope of the project changes and these crossings would necessitate the discharge of fill material or open trench methodology to cross a WOUS, please contact our office to determine permit requirements. If you have any questions, please do not hesitate to contact me. Thank you for your awareness of our regulatory program. Please refer to USACE I.D. # LRL-2020-998 on any future correspondence regarding this project.

Justin Branham
Team Leader / Regulatory Specialist
U.S. Army Corps of Engineers - Louisville District Eastern Kentucky Regulatory Office
845 Sassafras Creek Road
Sassafras, KY 41759
Phone: 606-642-3208
Email: Justin.L.Branham@usace.army.mil



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.
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)

Justin Branham
Team Leader / Regulatory Specialist
U.S. Army Corps of Engineers - Louisville District Eastern Kentucky
Regulatory Office
845 Sassafras Creek Road
Sassafras, KY 41759

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

Dear Mr. Branham:

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 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 or permit issues under your jurisdiction. I have enclosed a project location, floodplain, and wetland map(s) and project description for your reference.

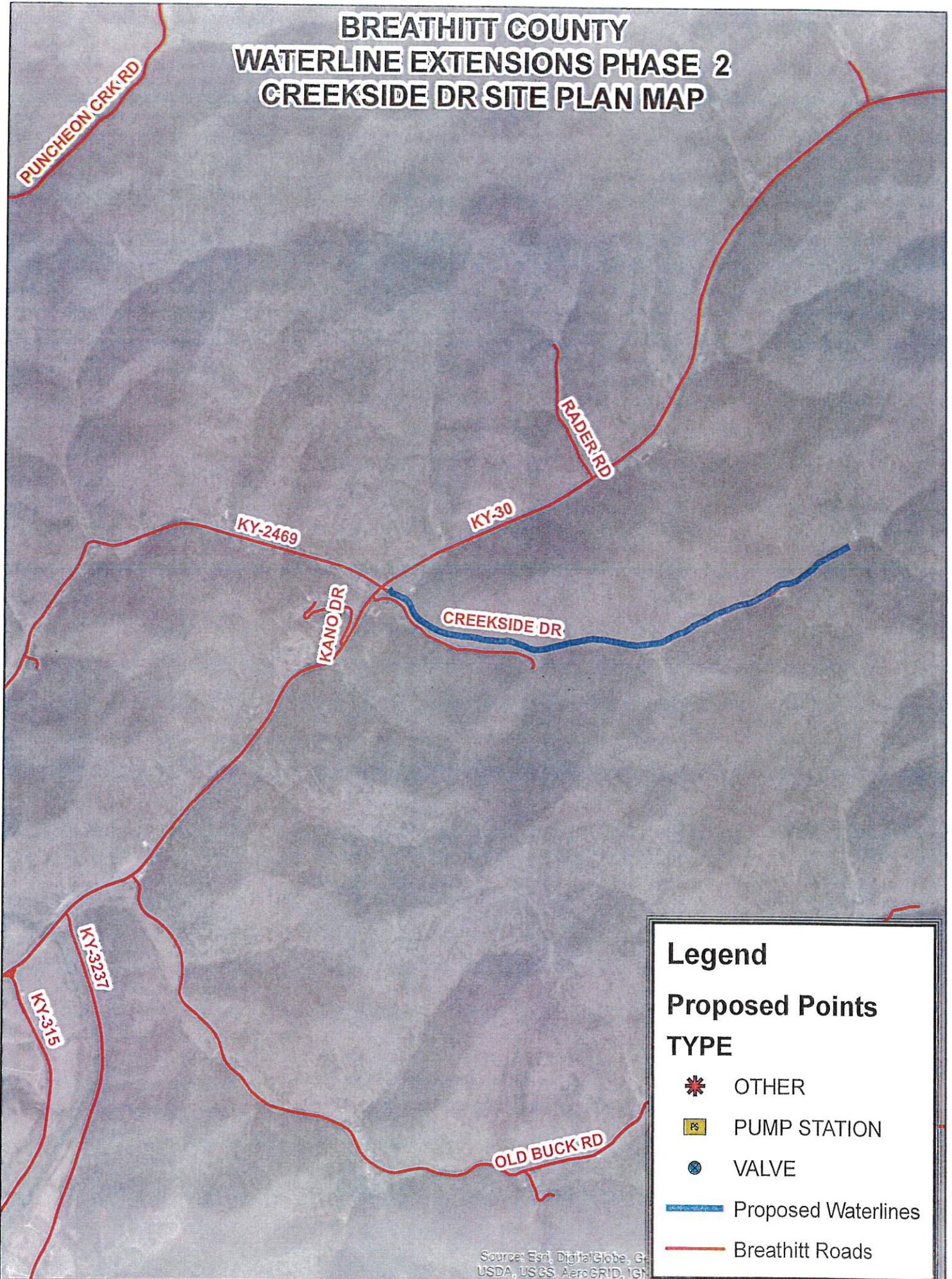
Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project,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

Sincerely,

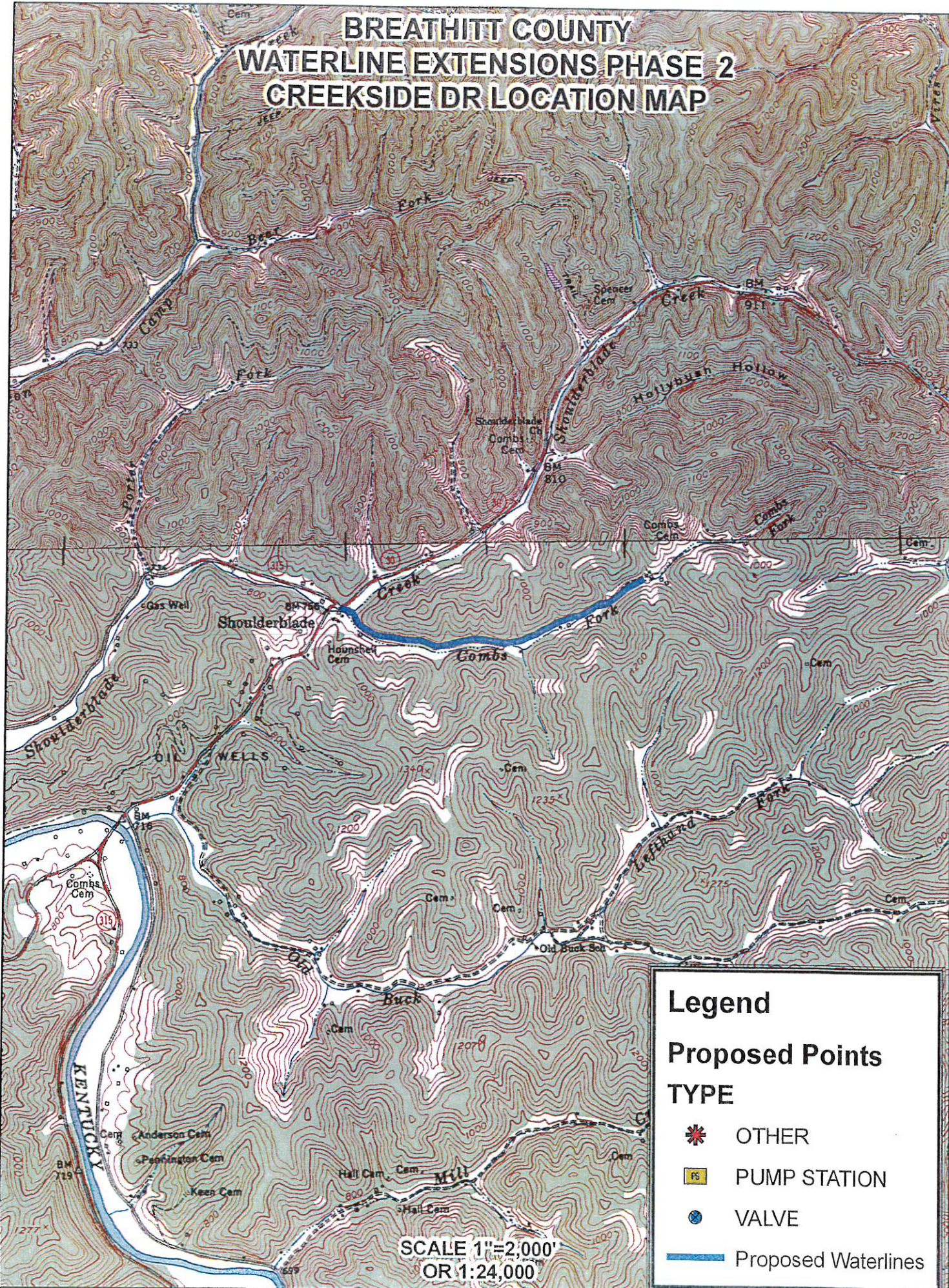


Jennifer McIntosh
Water & Wastewater Planner

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR SITE PLAN MAP



BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 CREEKSIDE DR LOCATION MAP



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

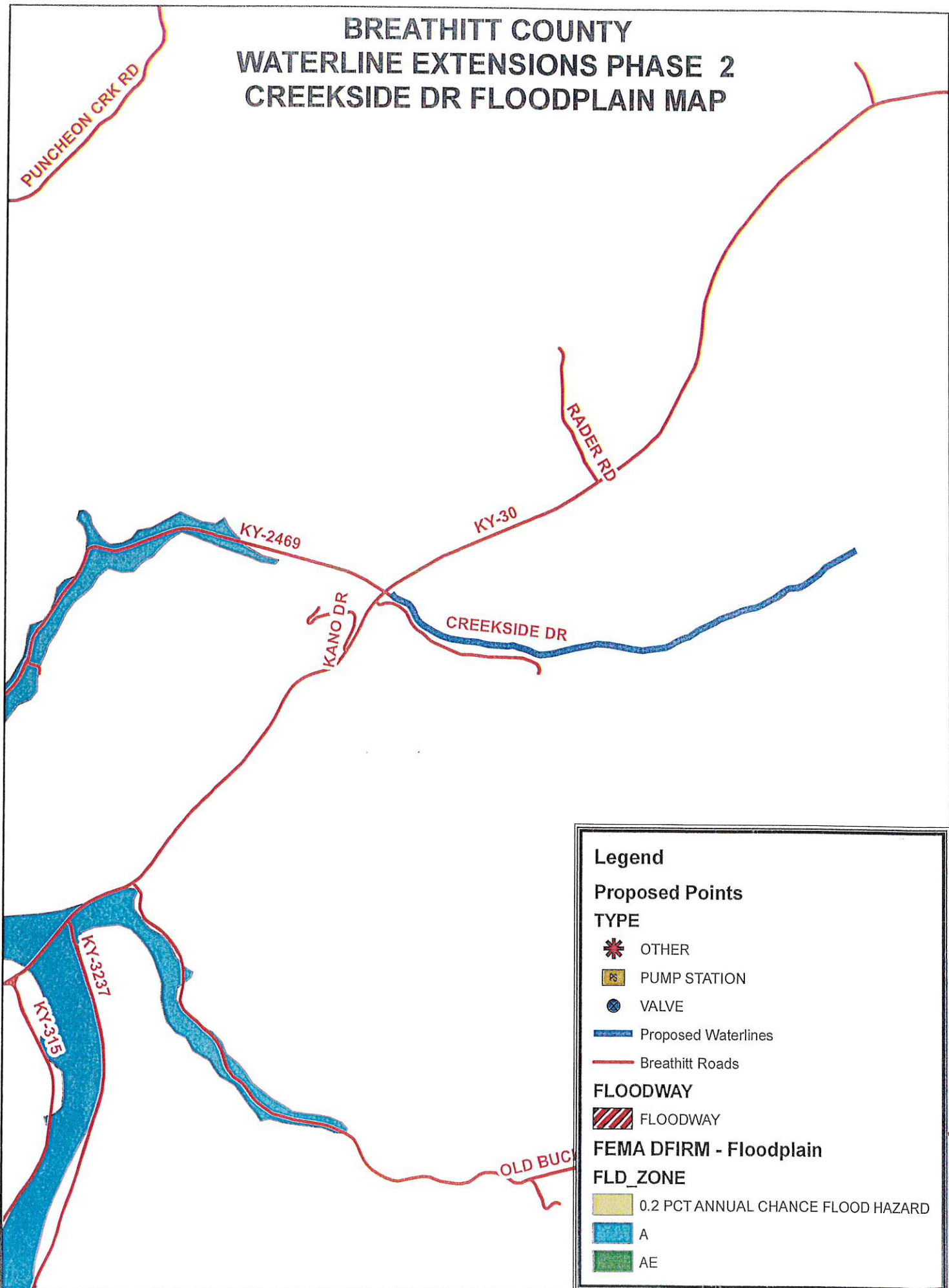
Legend

Proposed Points

TYPE

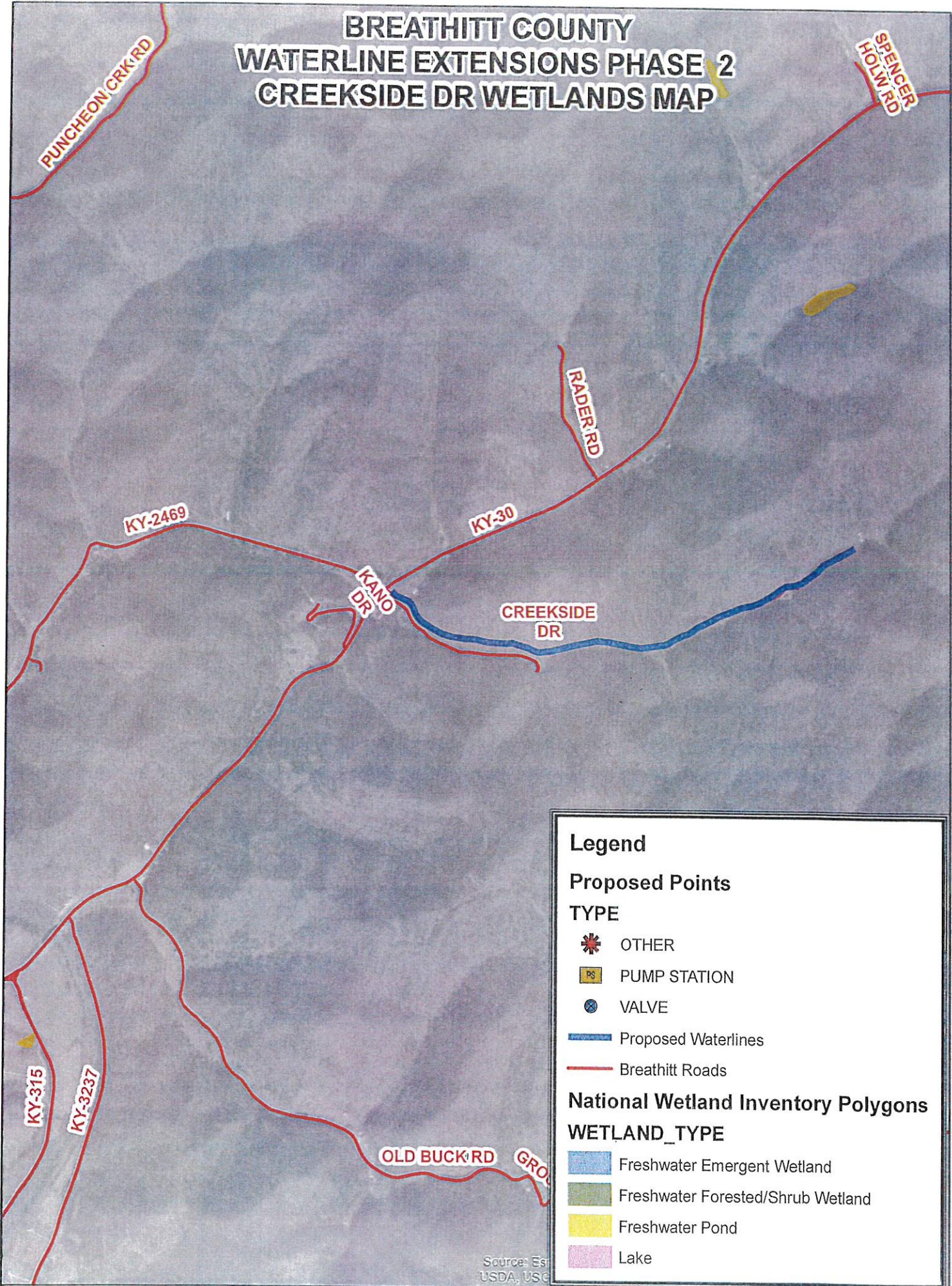
- OTHER
- PUMP STATION
- VALVE
- Proposed Waterlines

BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 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 CHANCE 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

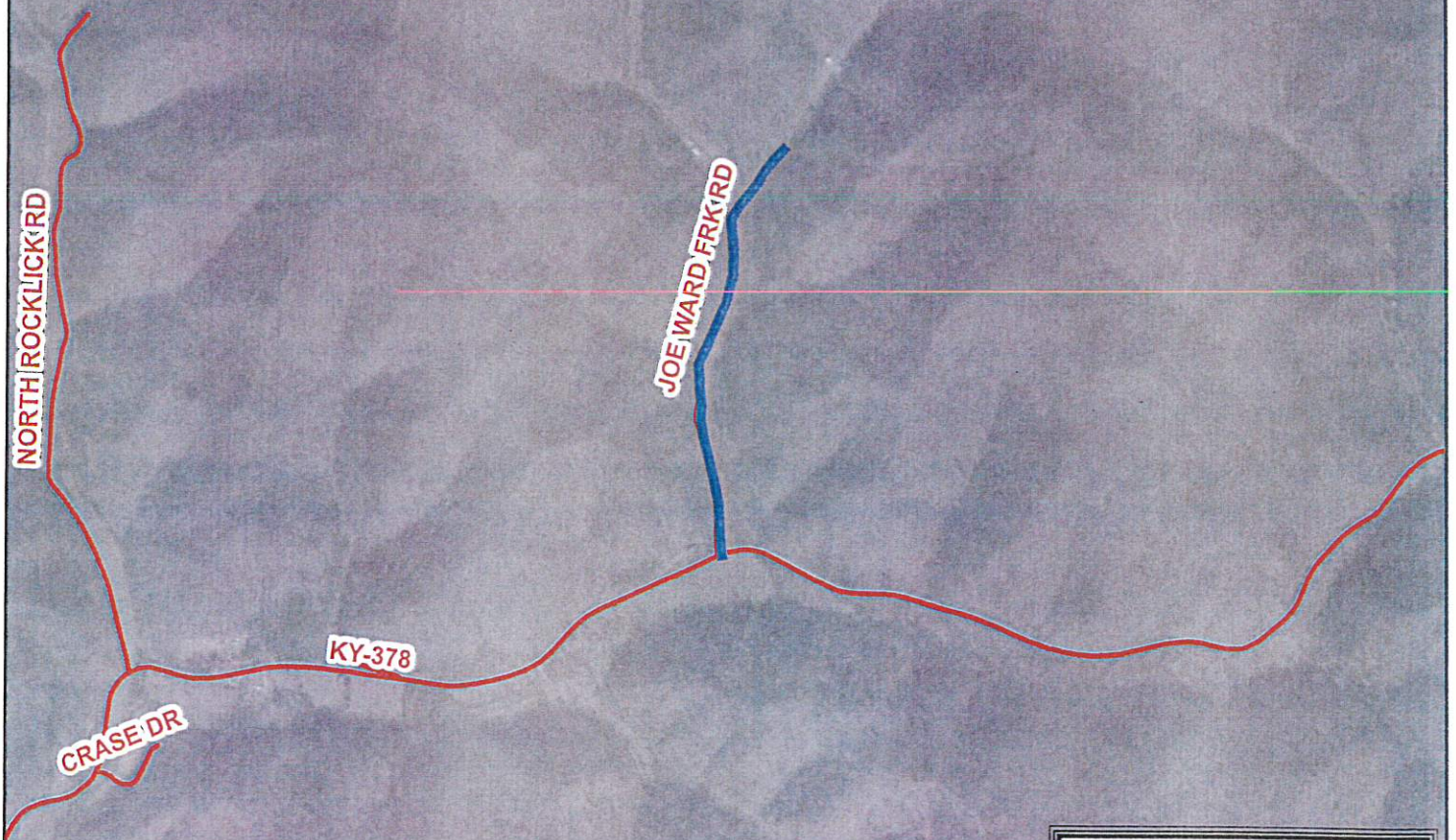
National Wetland Inventory Polygons

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

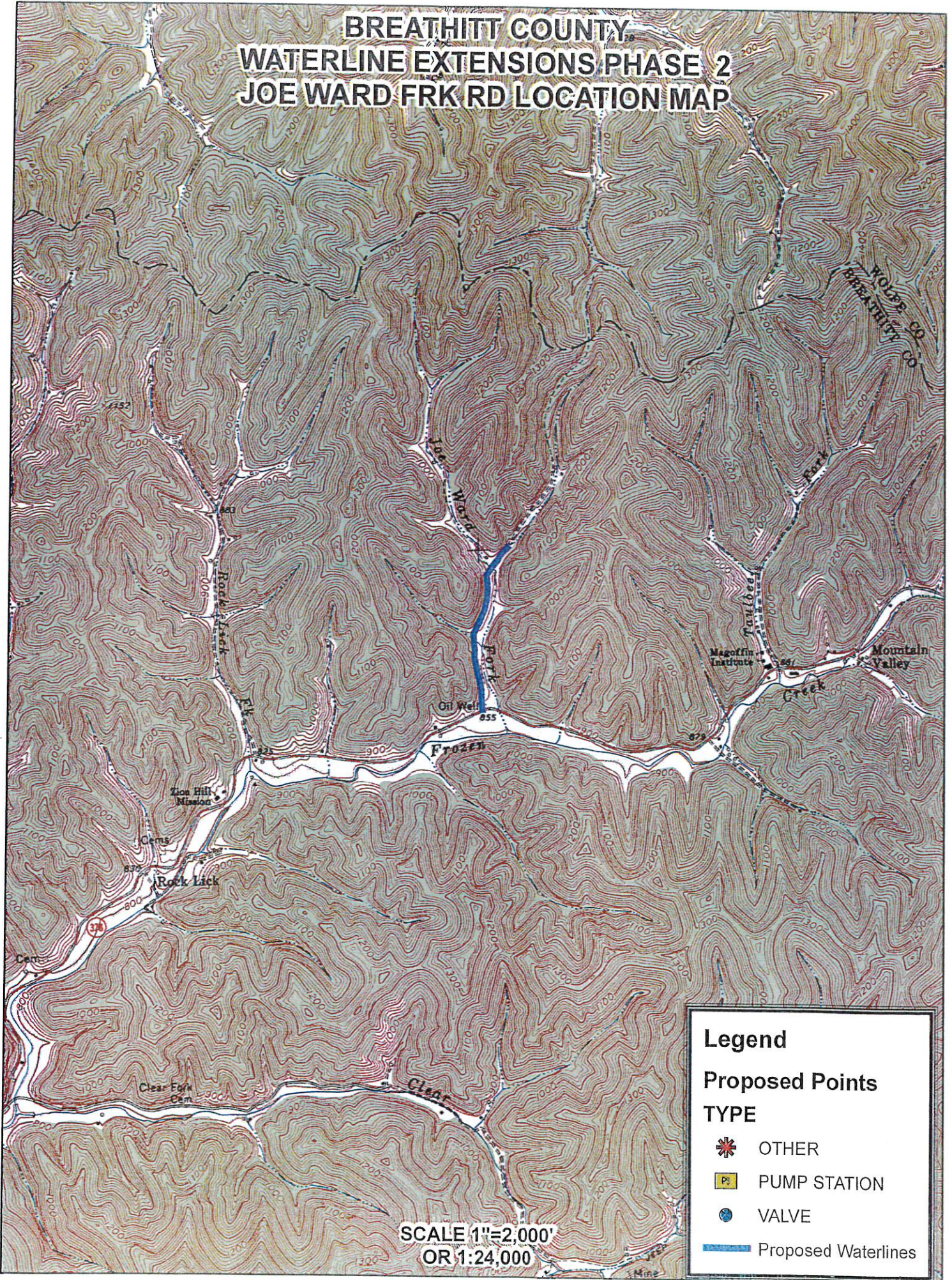
TYPE

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

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

542





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



Legend

Proposed Points

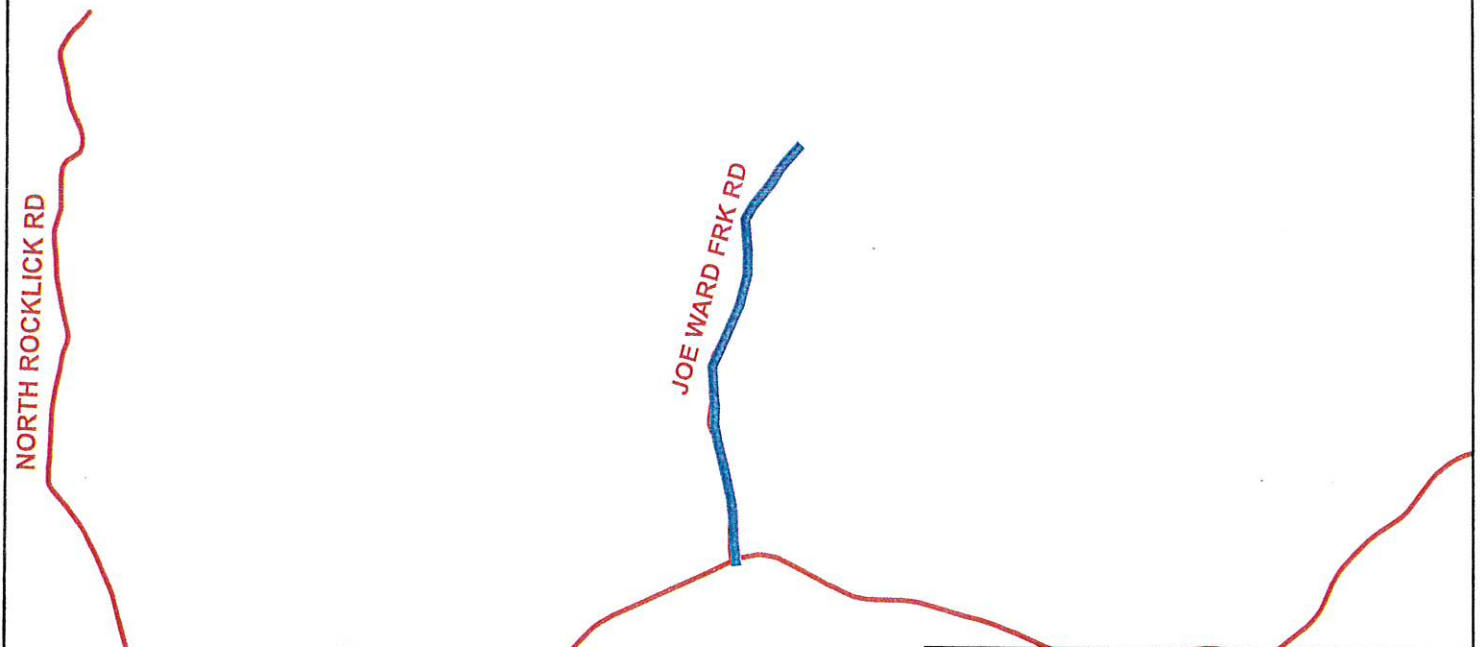
TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

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

547




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

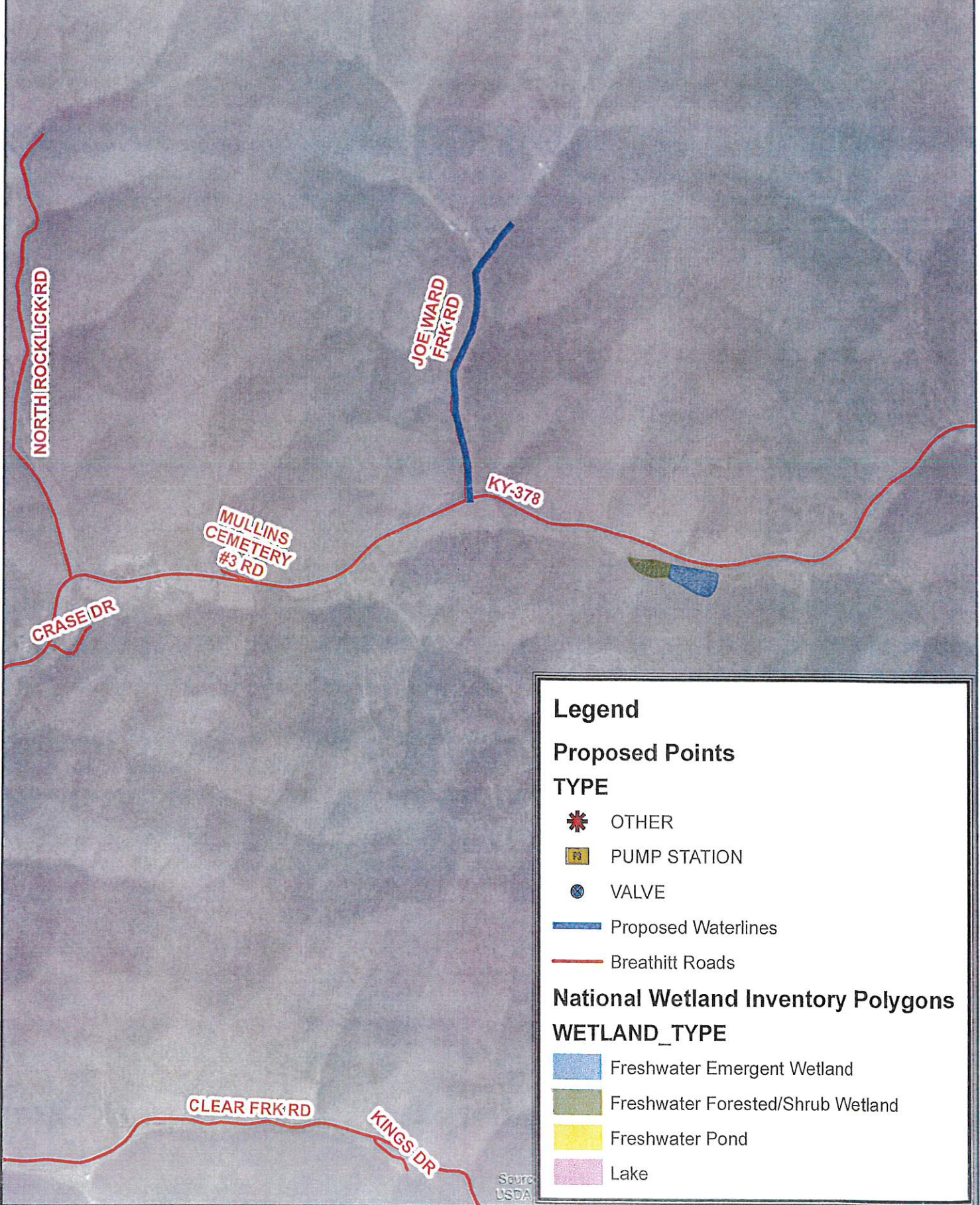
FEMA DFIRM - Floodplain

FLD_ZONE

-  0.2 PCT ANNUAL CHANCE FLOOD HAZARD
-  A
-  AE

346




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





Legend

Proposed Points

TYPE





-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

 Breathitt Roads

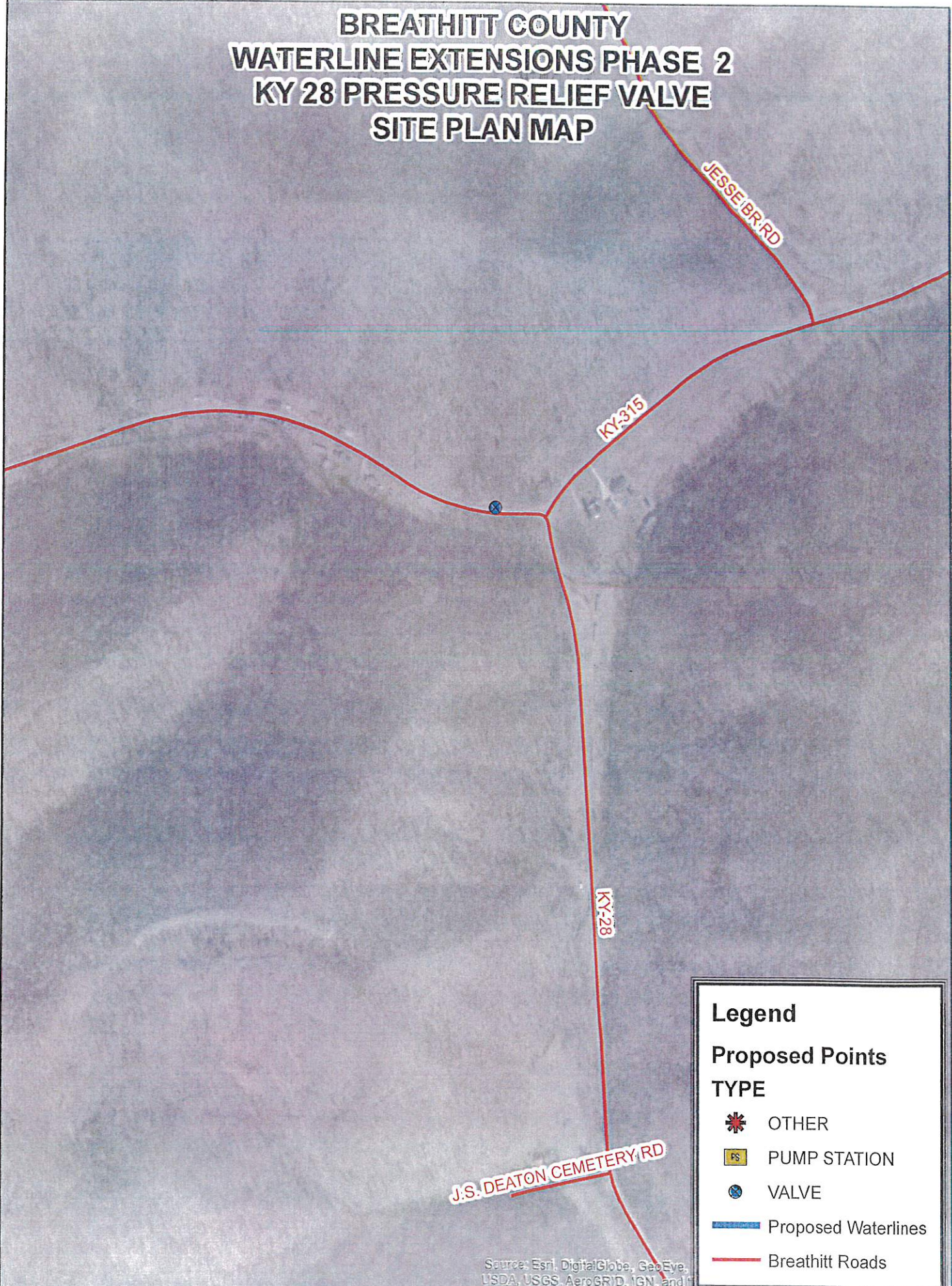
National Wetland Inventory Polygons

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

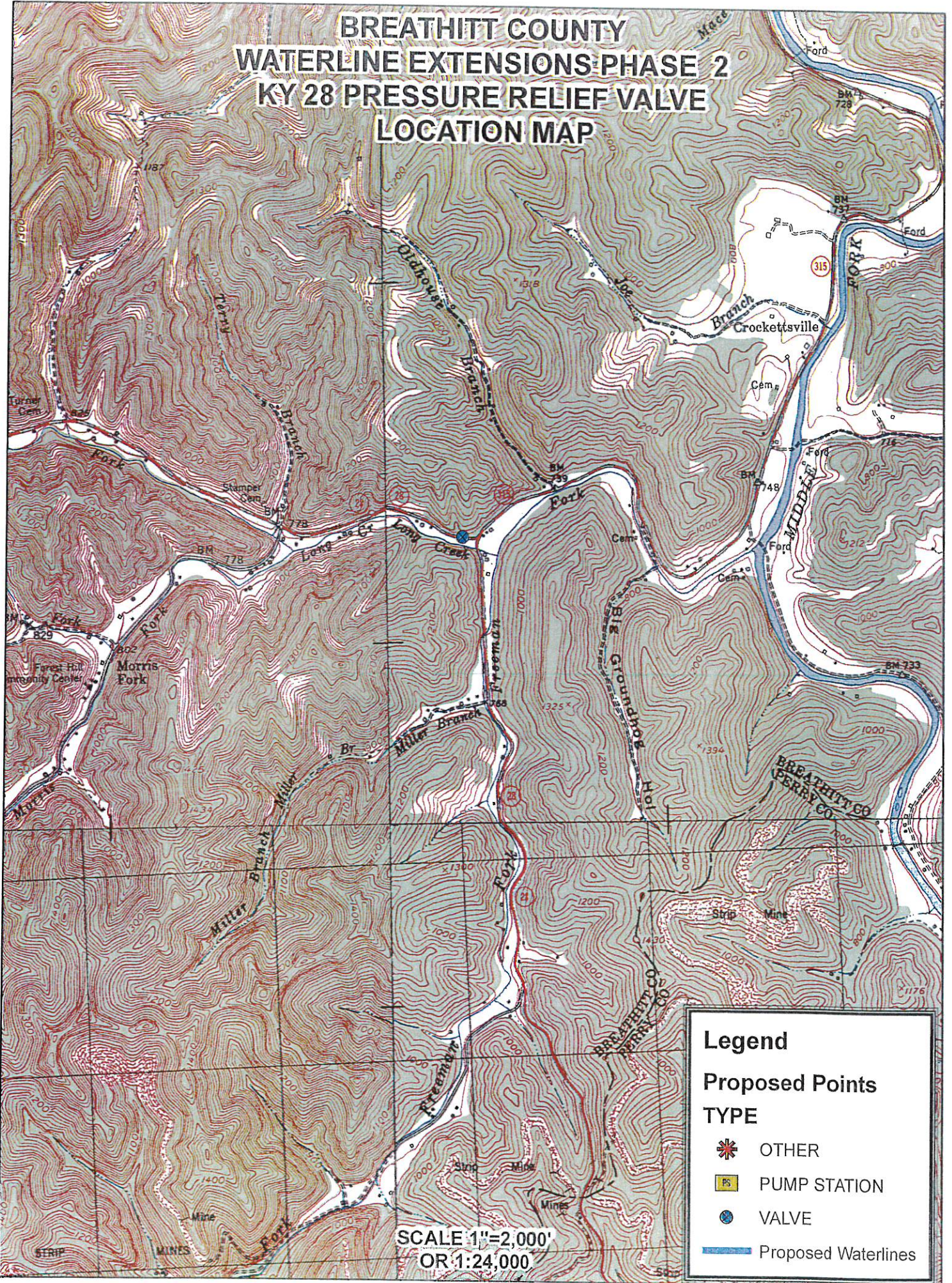
 Proposed Waterlines

 Breathitt Roads

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

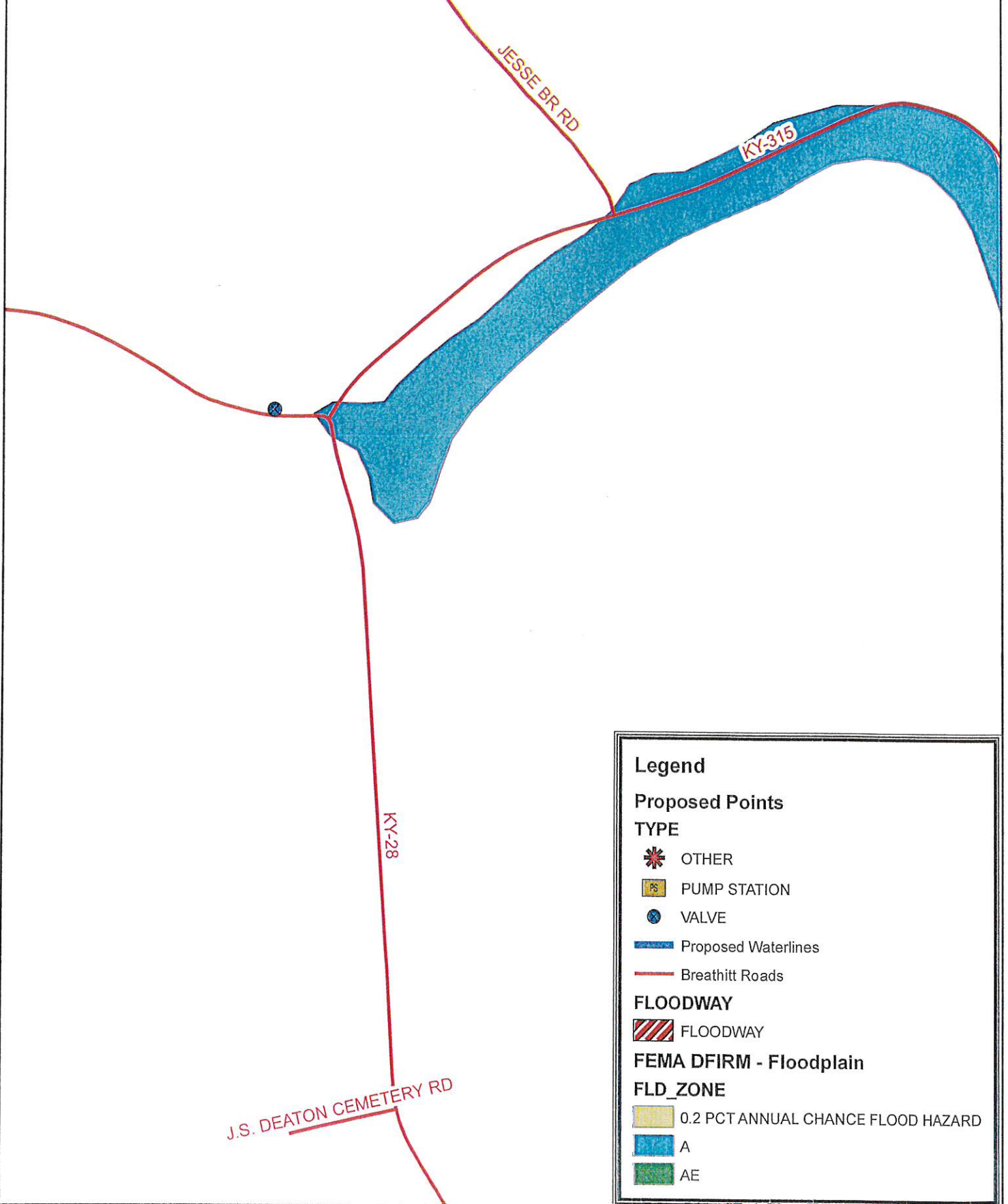
540

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



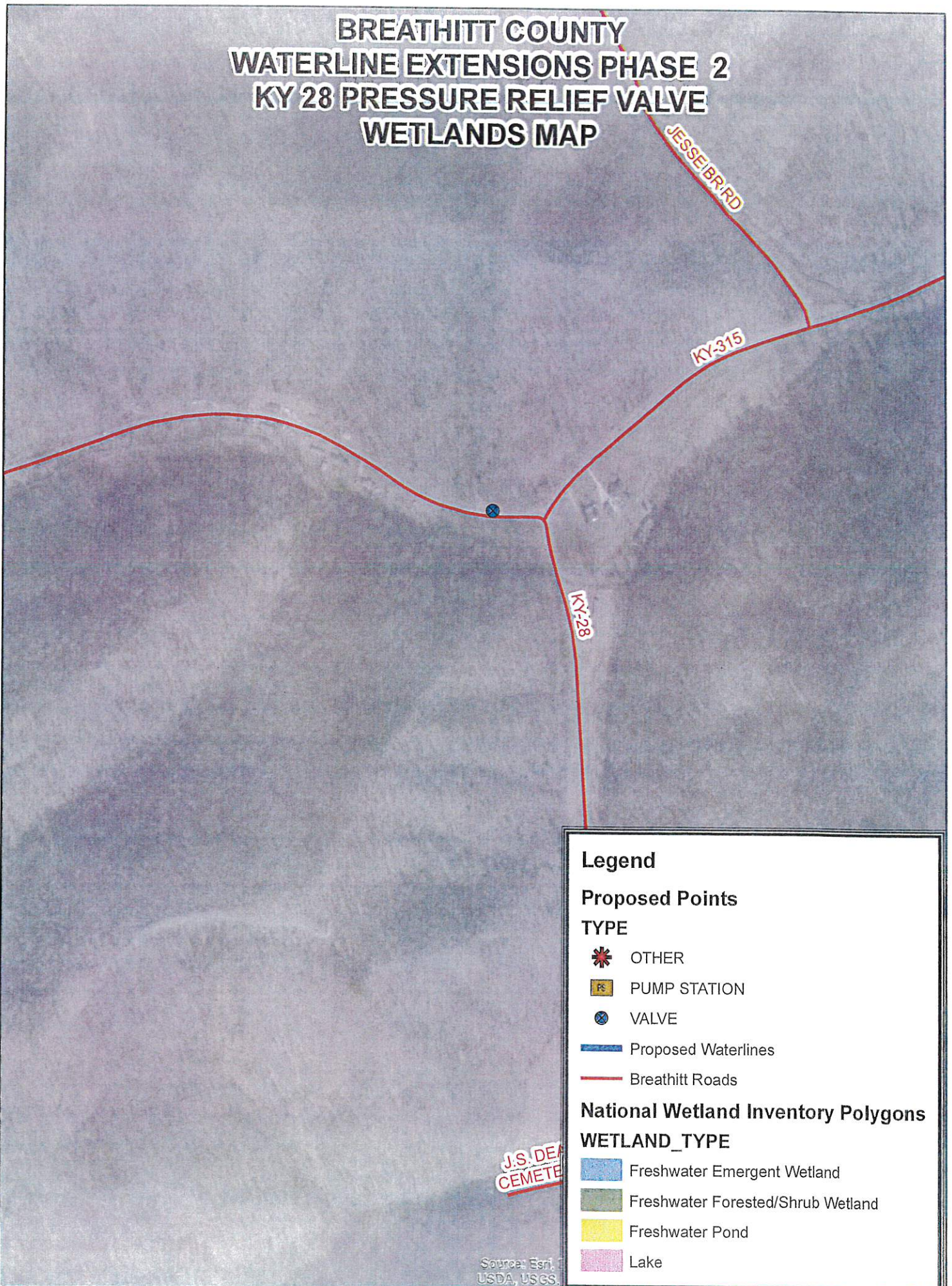
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BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 28 PRESSURE RELIEF VALVE FLOODPLAIN MAP



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

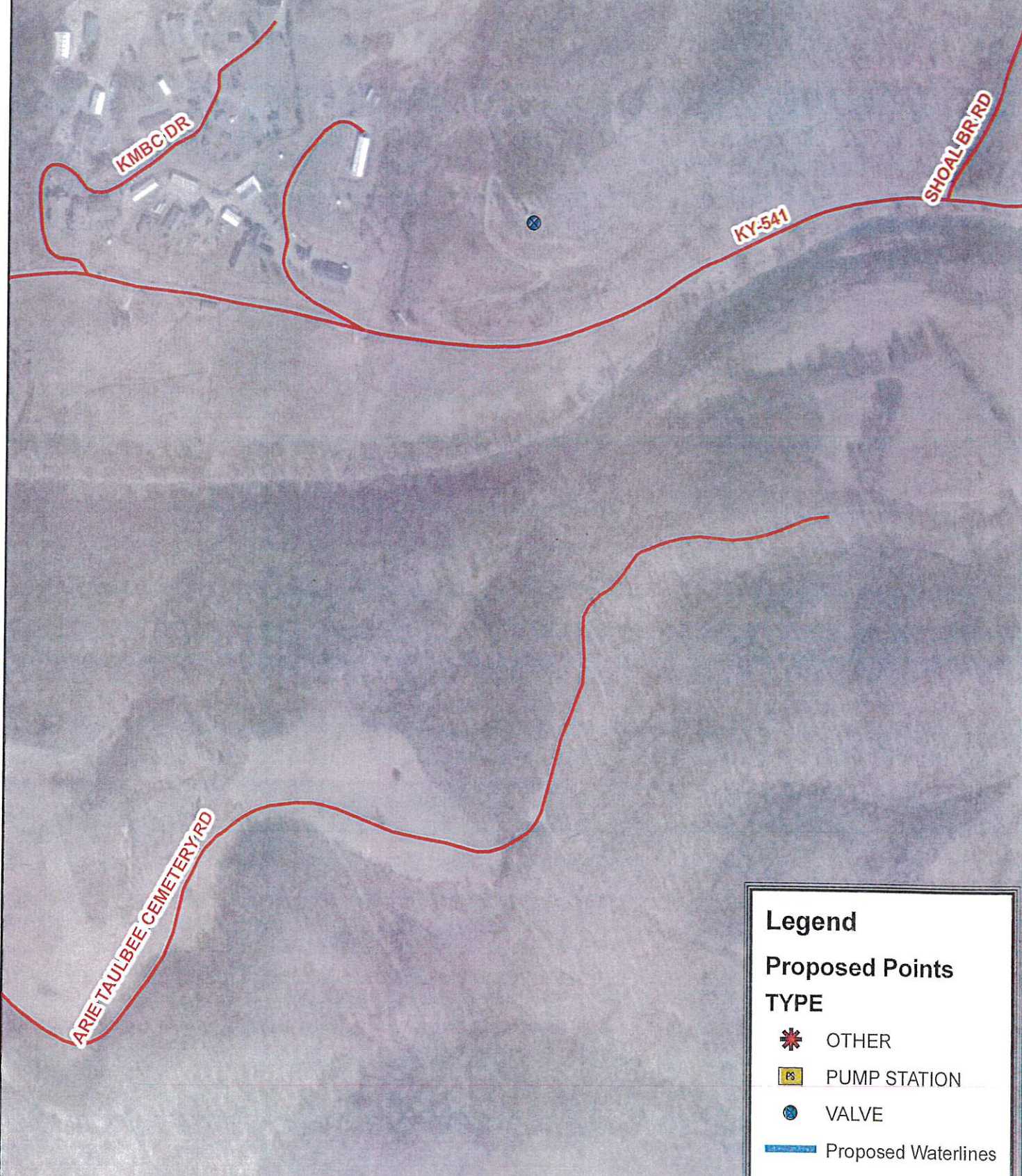
WETLAND_TYPE

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

Source: Esri,
USDA, USGS.

553




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





Legend

Proposed Points

TYPE

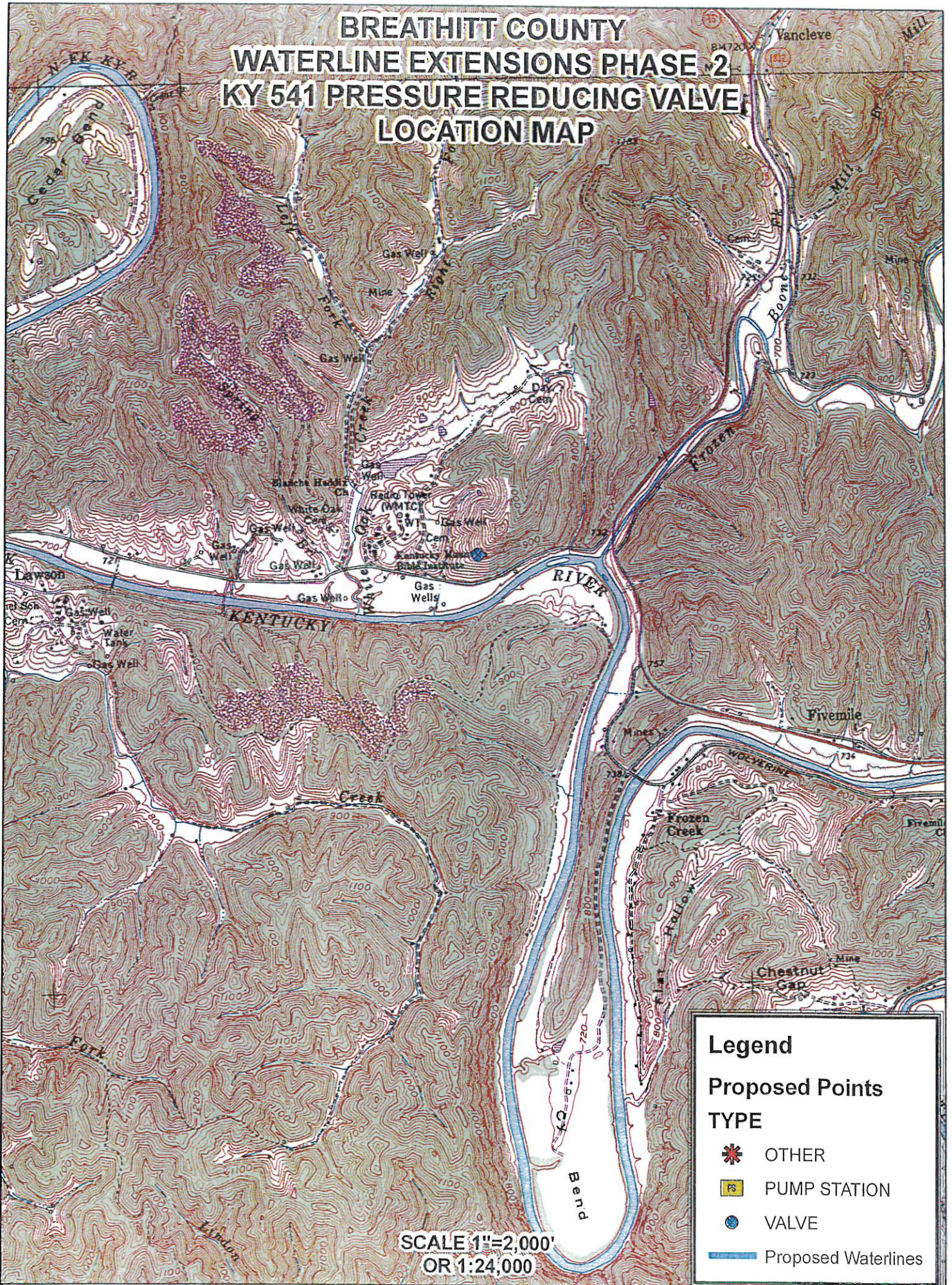
-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines

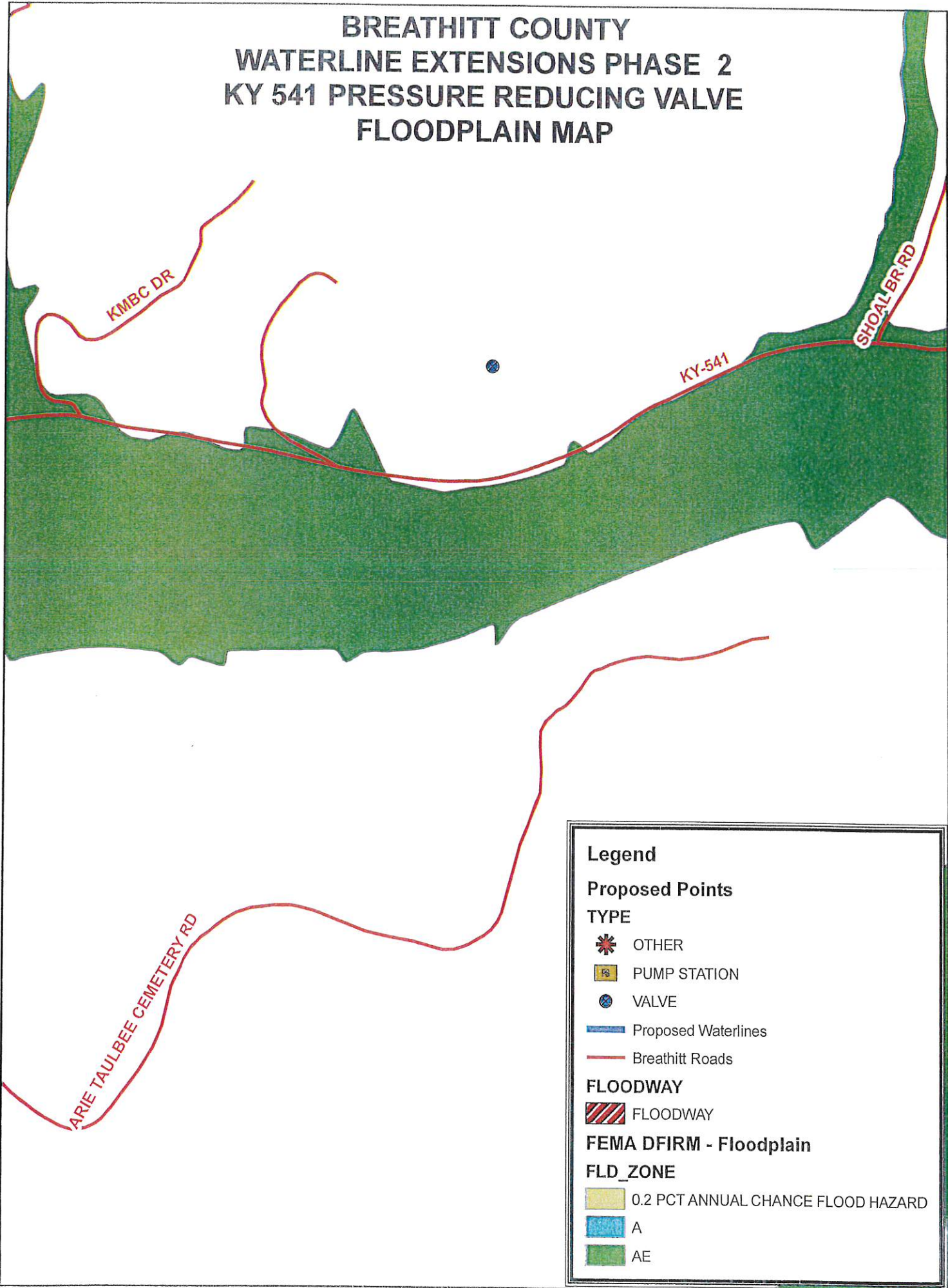
 Breathitt Roads

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

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






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

556

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

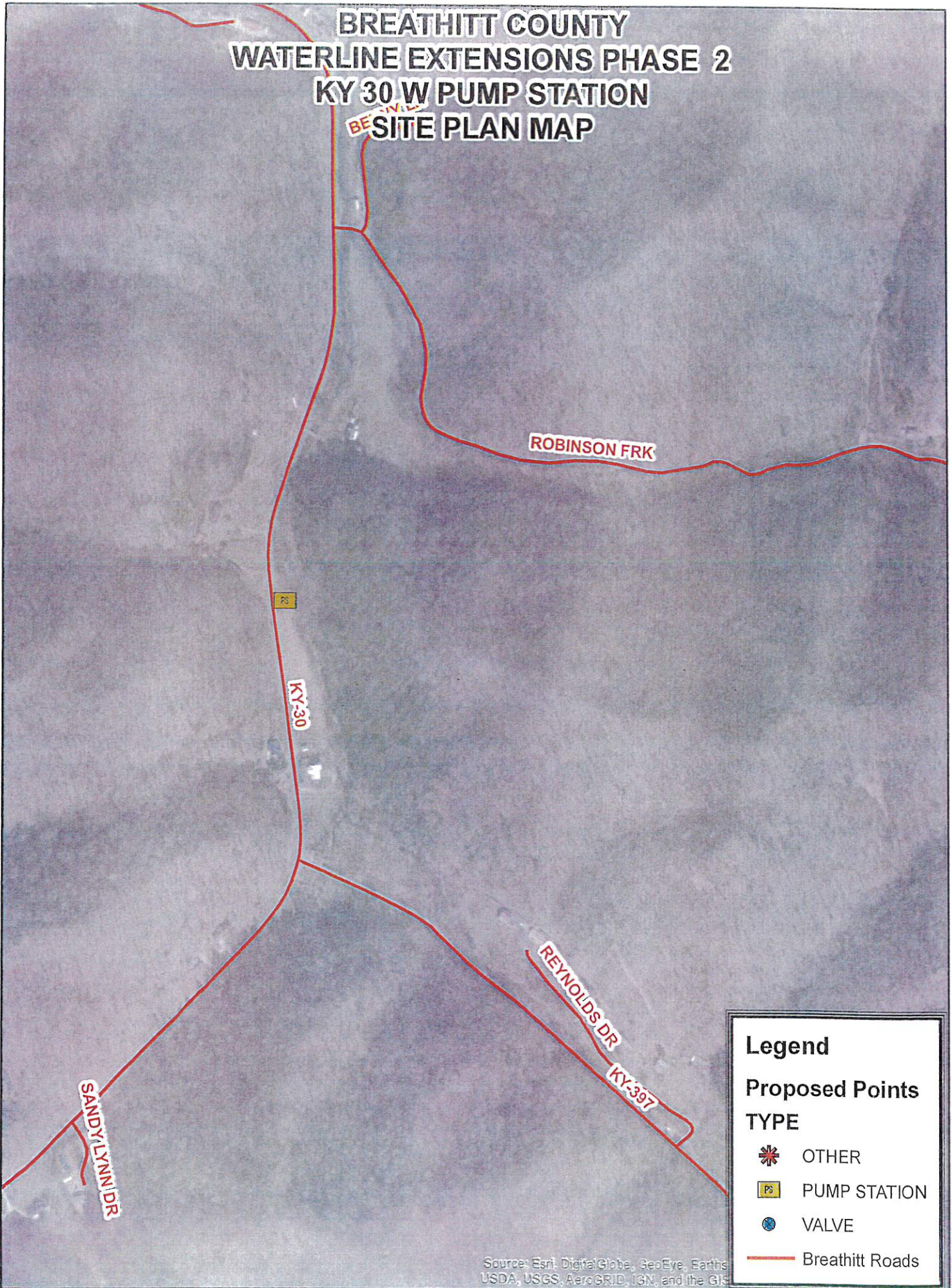
WETLAND_TYPE

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

Source: Esri, Dig
USDA, USGS, A

557





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



Legend

Proposed Points

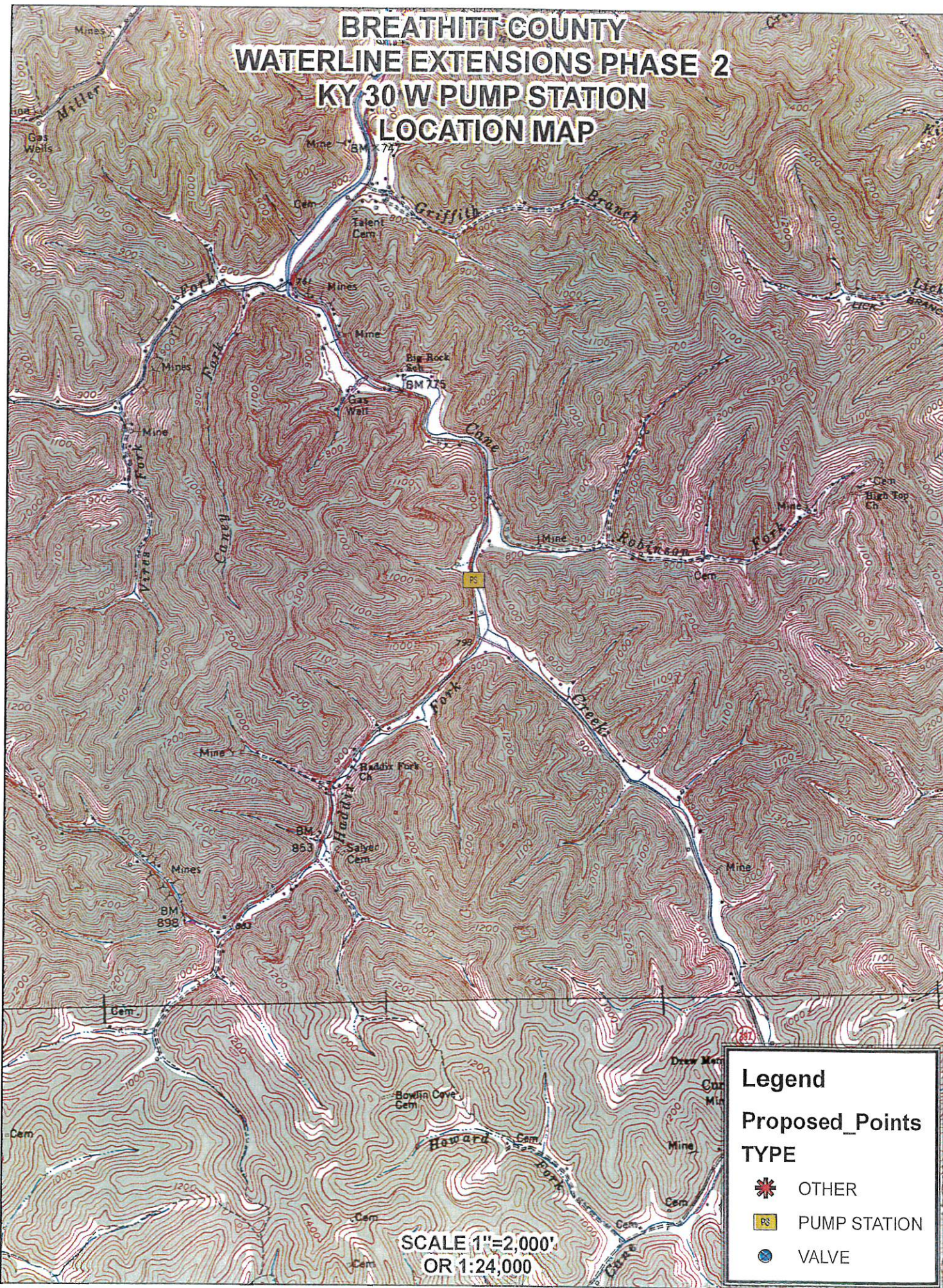
TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Breathitt Roads

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

552


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



Legend

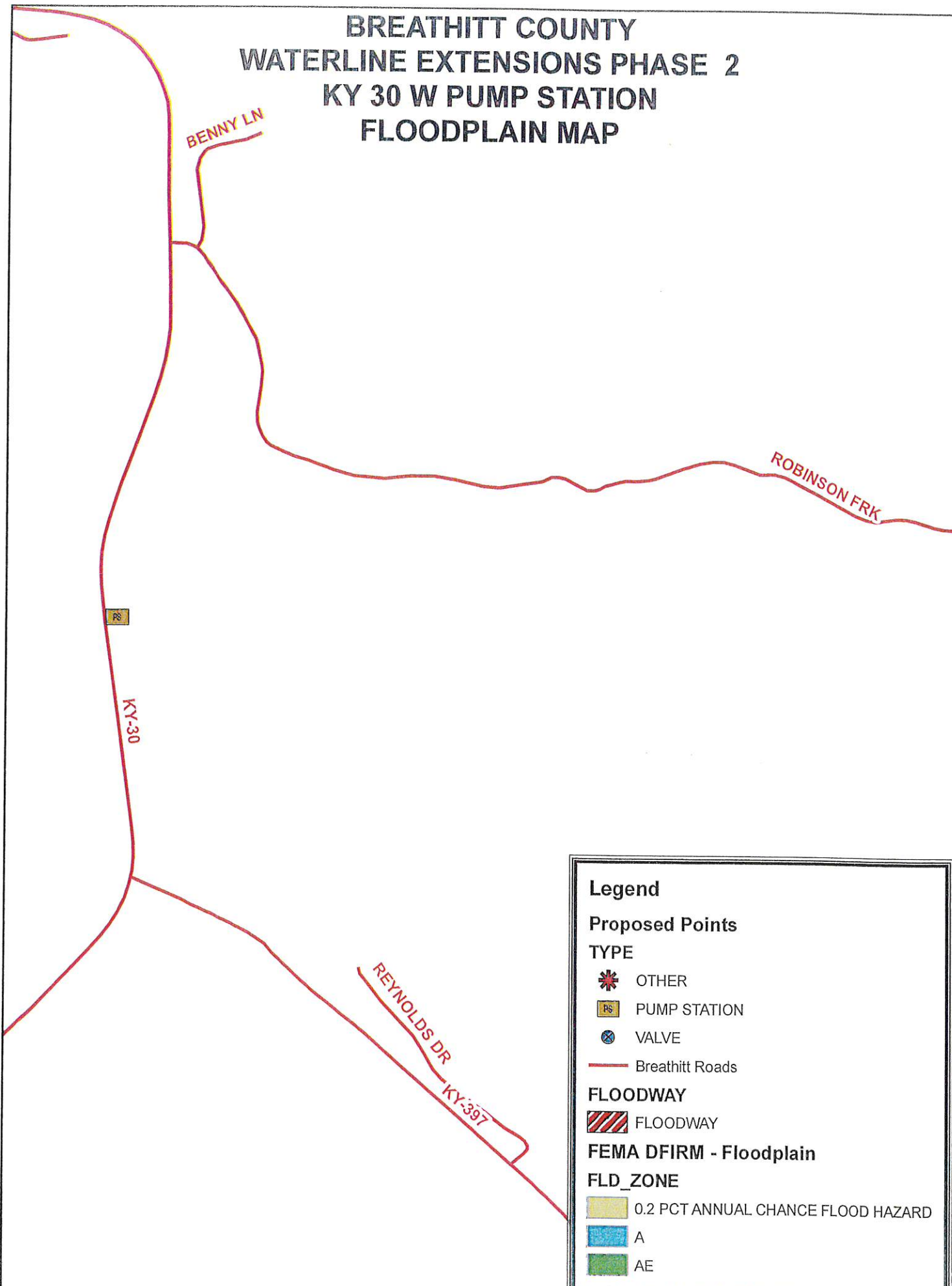
Proposed_Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE

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

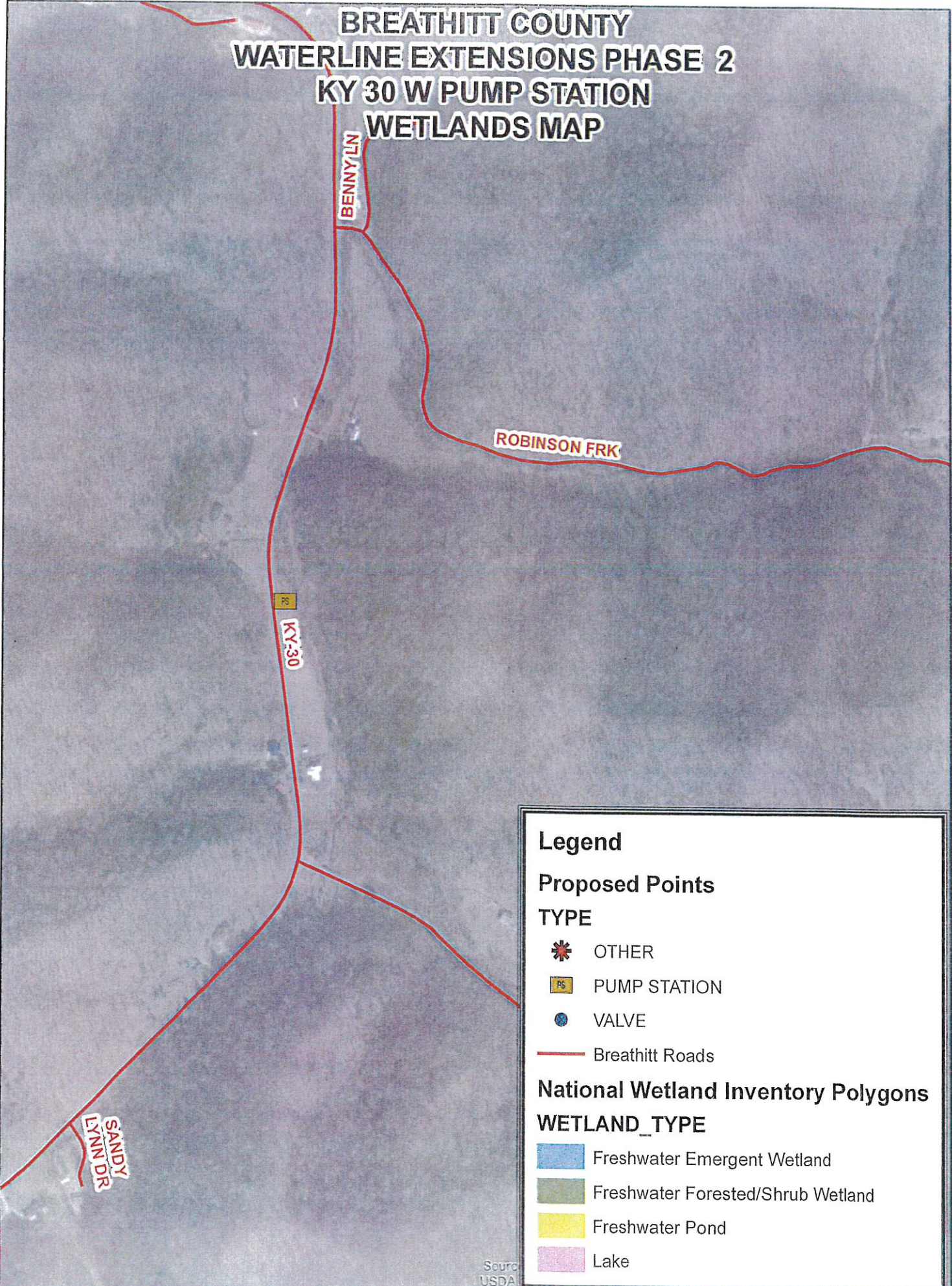
BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 KY 30 W PUMP STATION FLOODPLAIN MAP



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

540




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

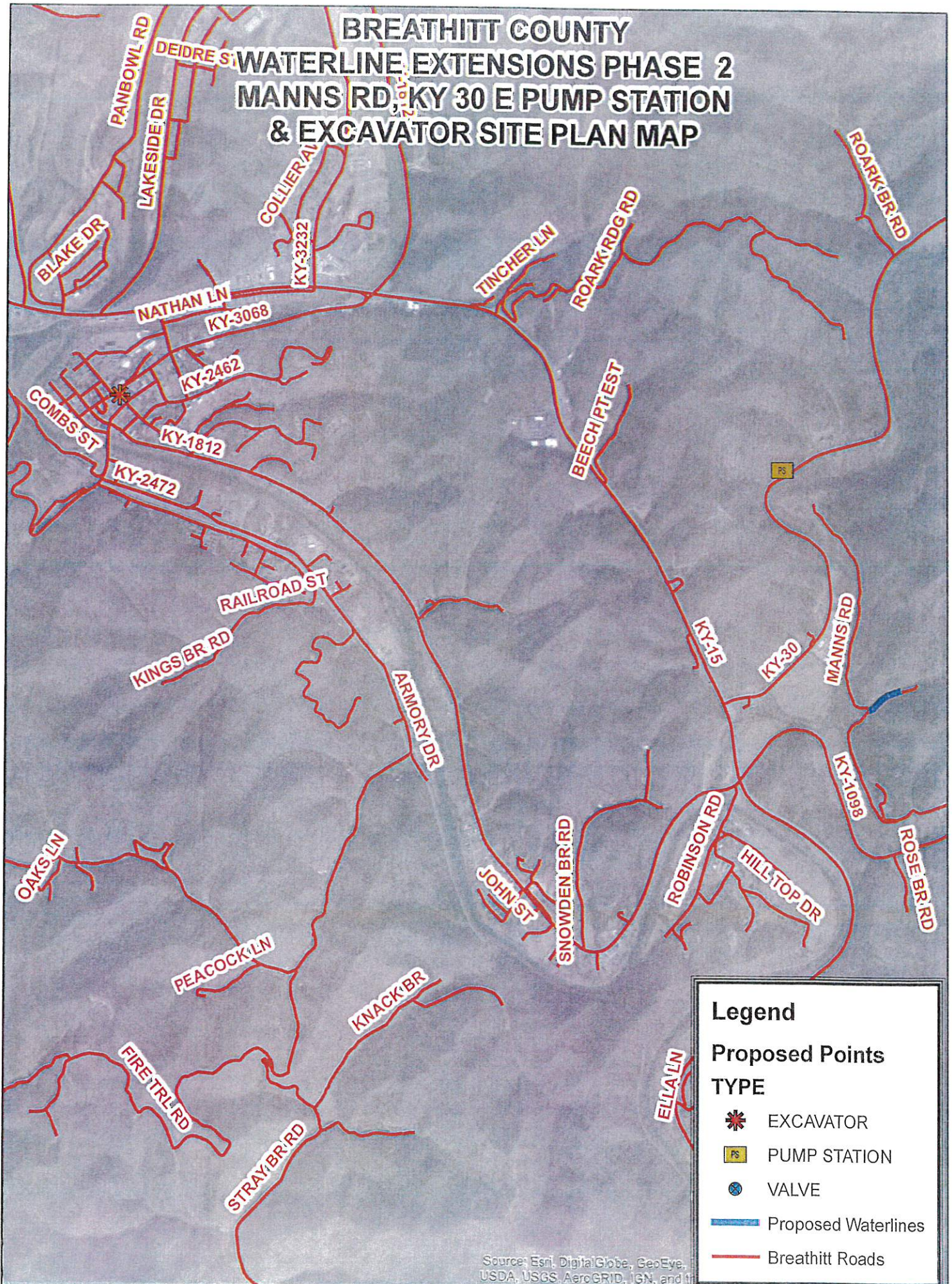
WETLAND_TYPE

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

Source
USDA

521






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



Legend

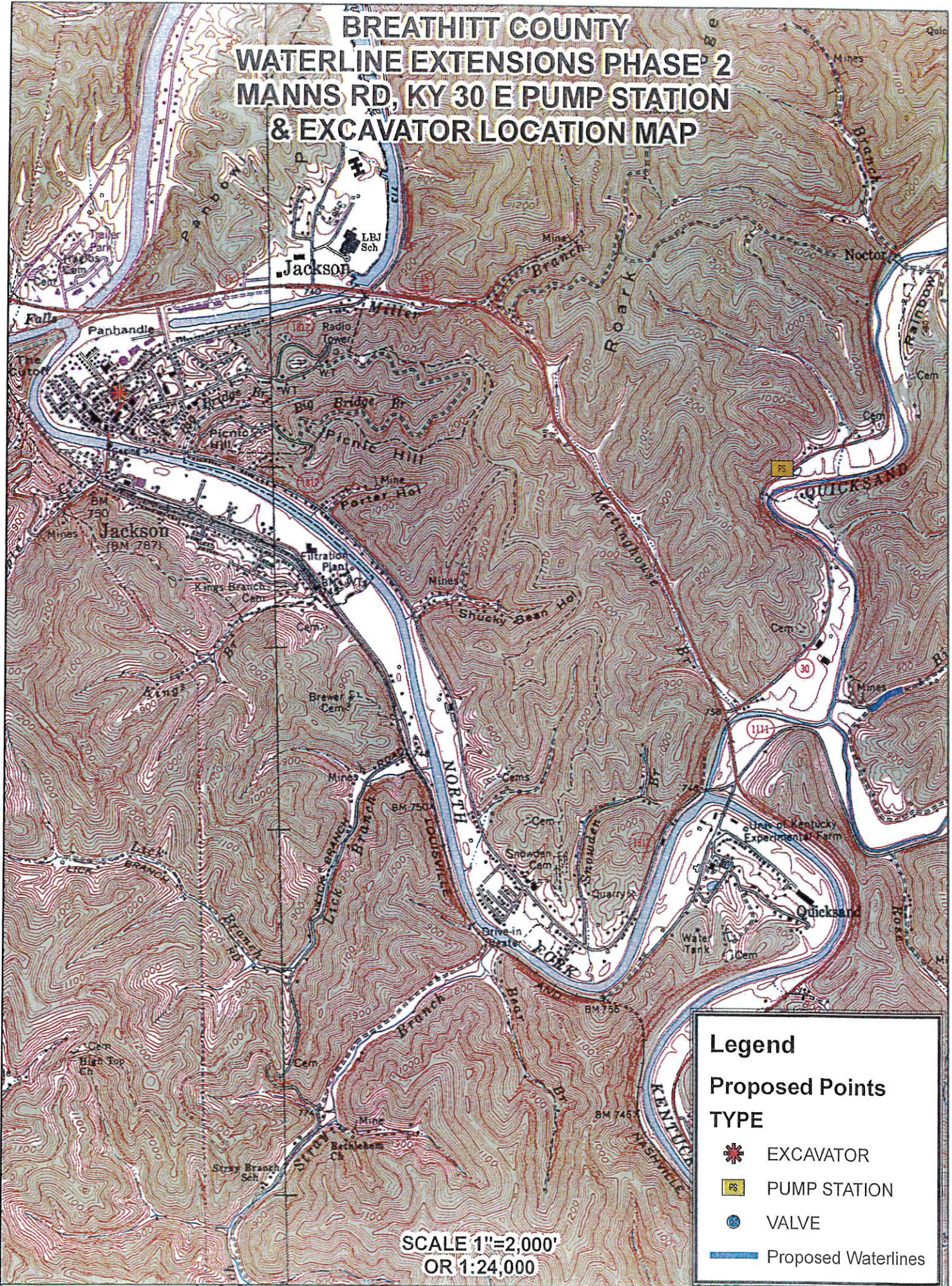
Proposed Points

TYPE

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

Source: Esri, DigitalGlobe, GeoEye, USA, USGS, AeroGRID, IGN, and 11





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



Legend

Proposed Points

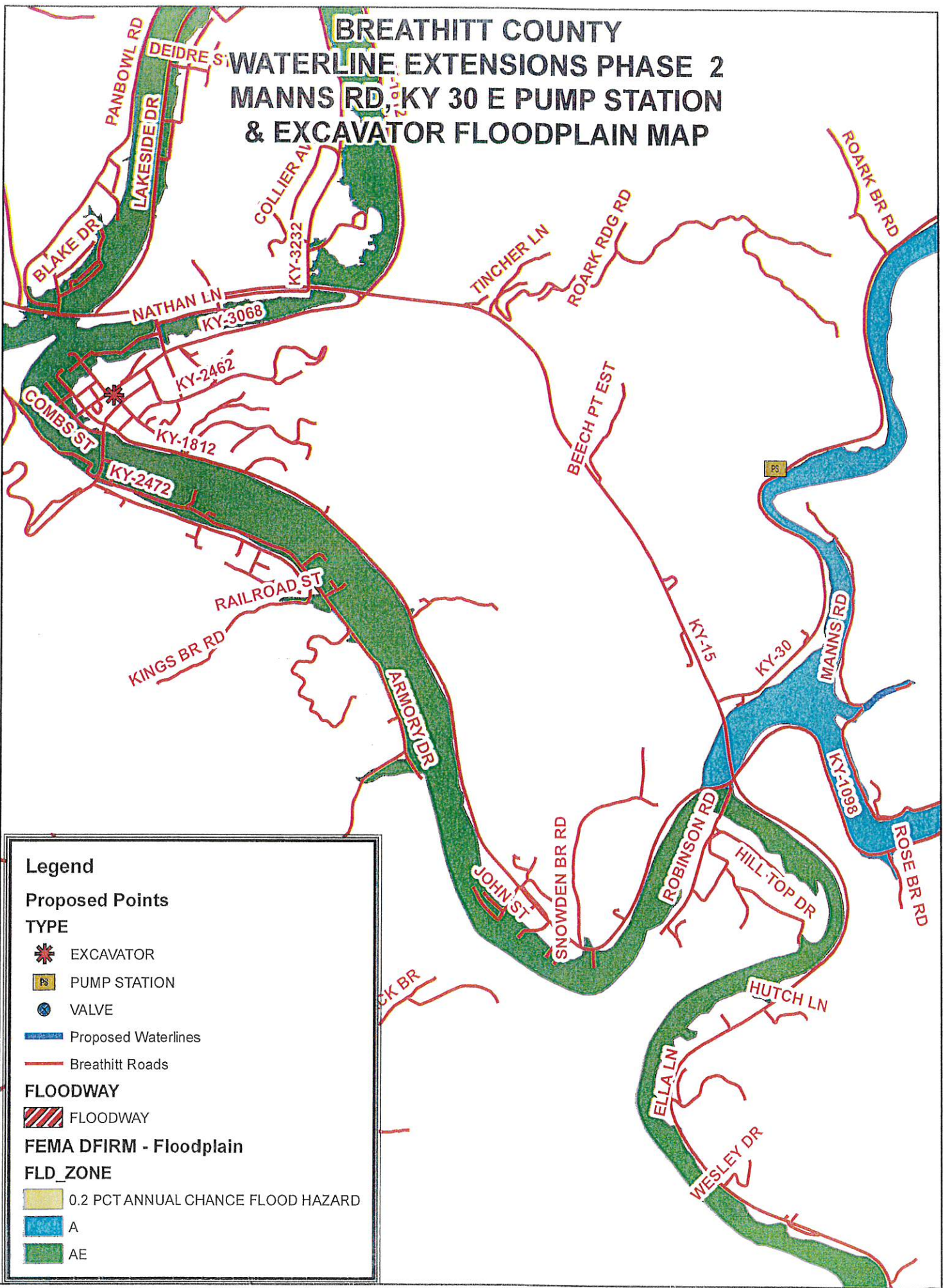
TYPE

-  EXCAVATOR
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

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

5213

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

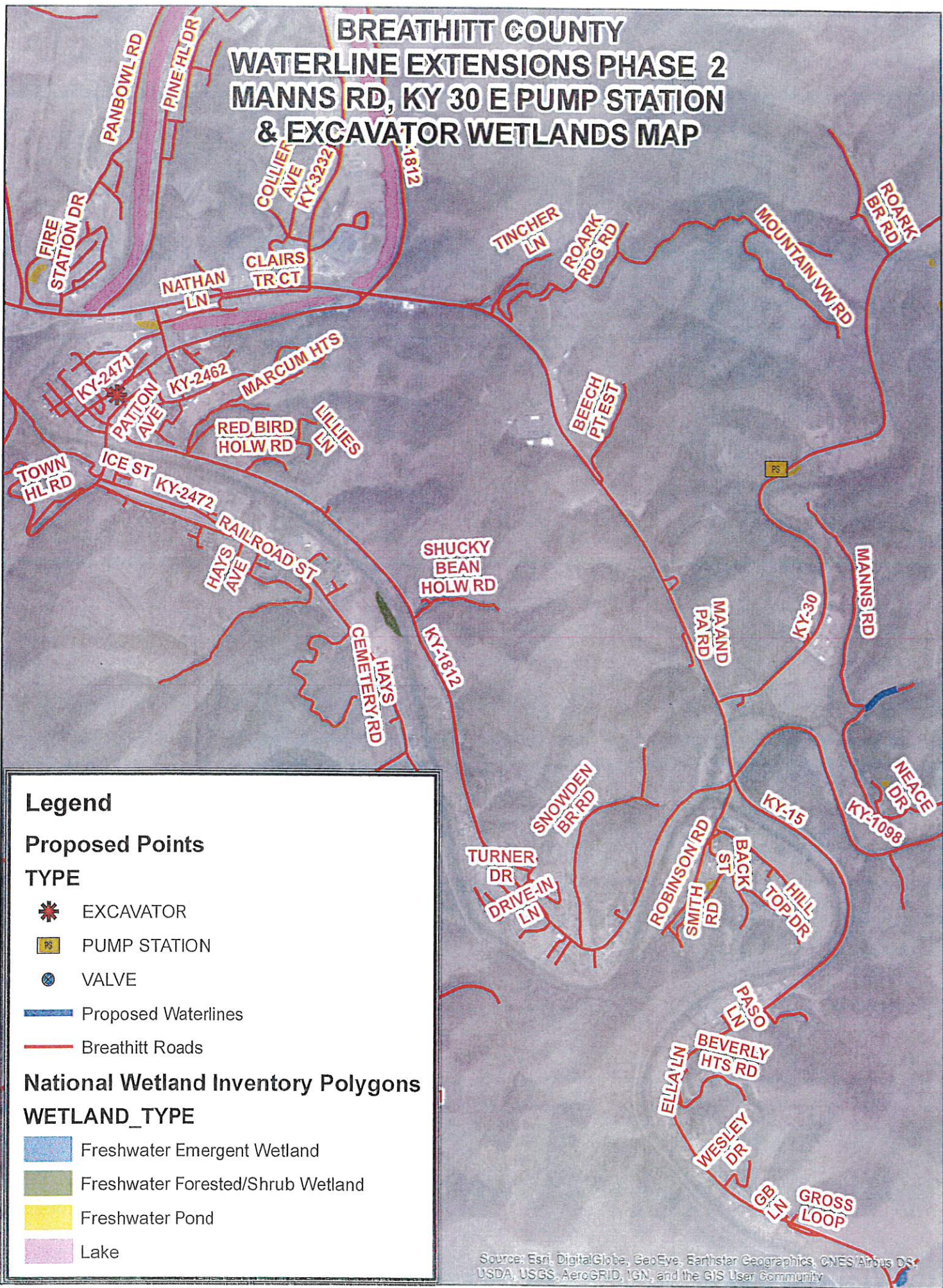
- FLOODWAY

FEMA DFIRM - Floodplain

FLD_ZONE

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE




BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 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

-  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



Legend

Proposed Points

TYPE

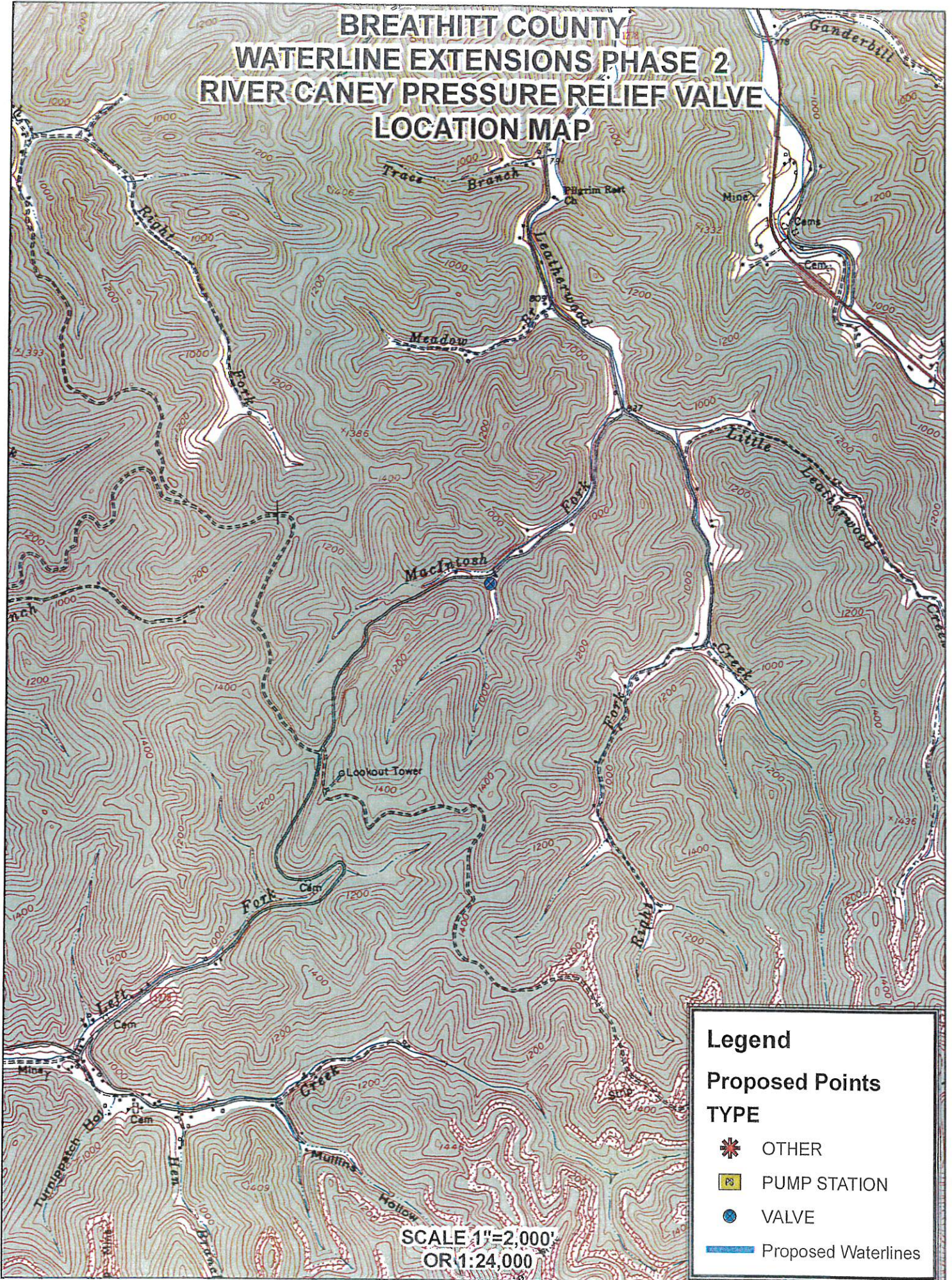
- ✱ OTHER
- PS PUMP STATION
- ⊗ VALVE

Proposed Waterlines

Breathitt Roads

566





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



Legend

Proposed Points

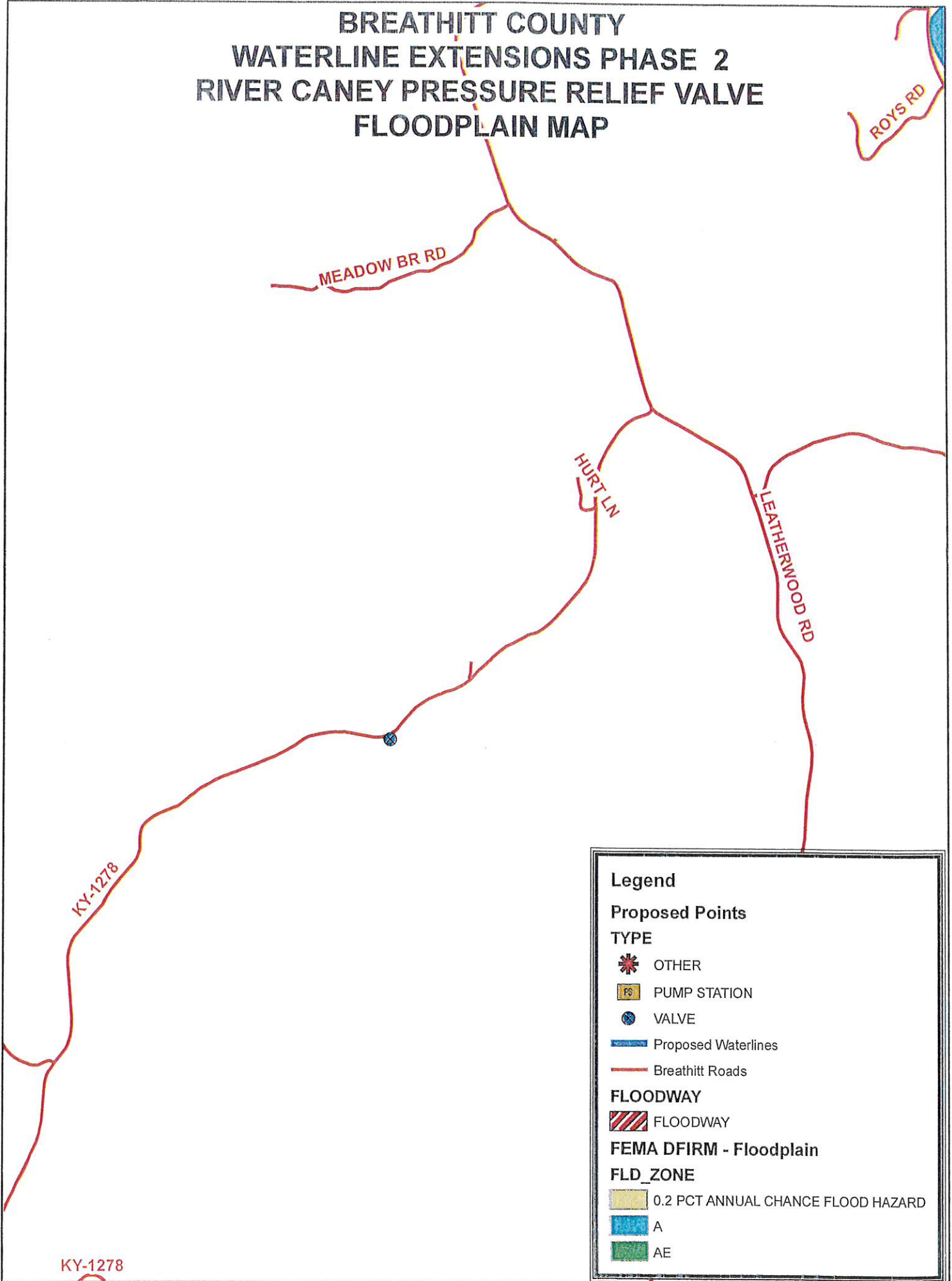
TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  Proposed Waterlines

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

567

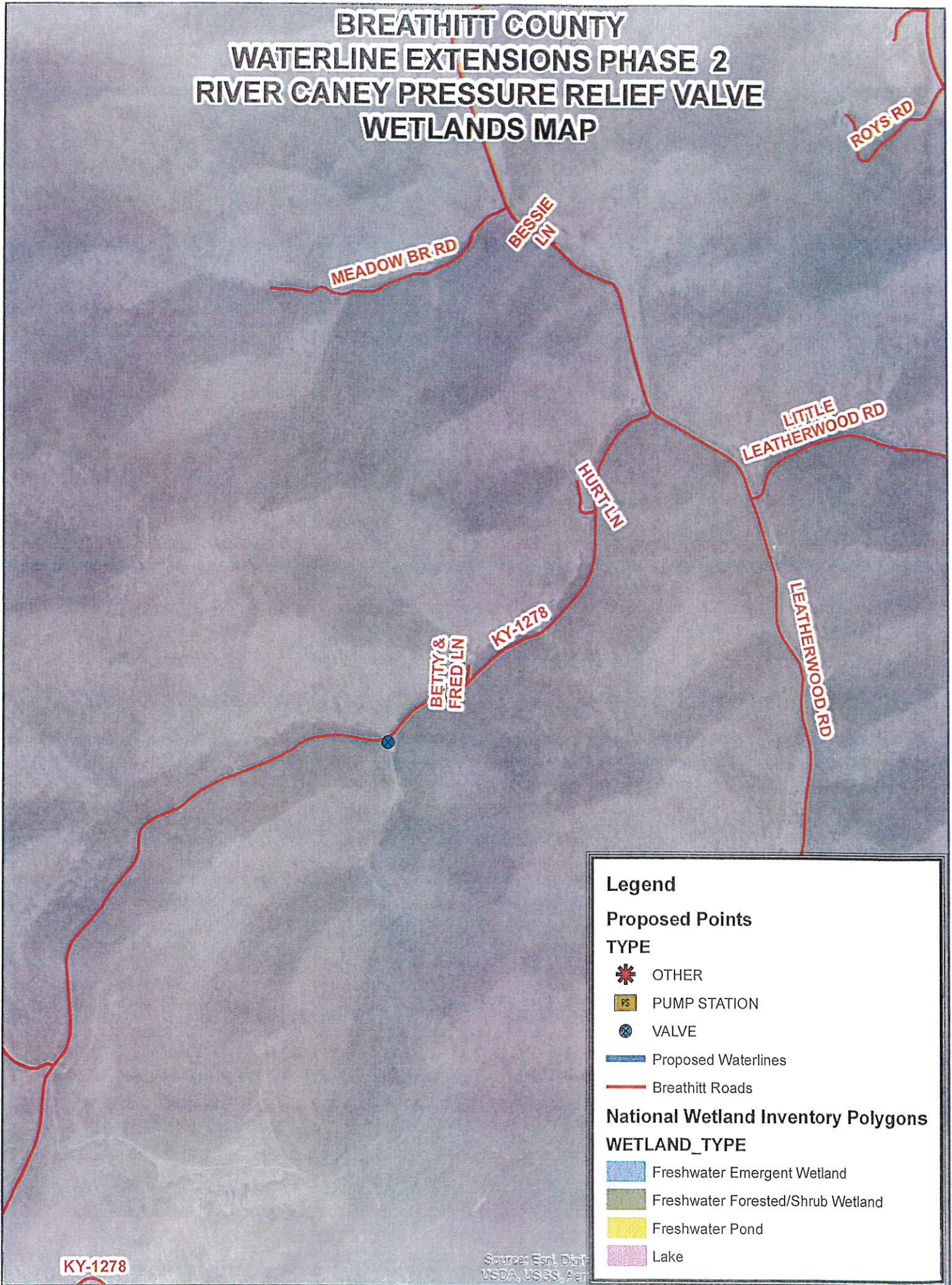
BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 RIVER CANEY PRESSURE RELIEF VALVE FLOODPLAIN MAP



KY-1278

528




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

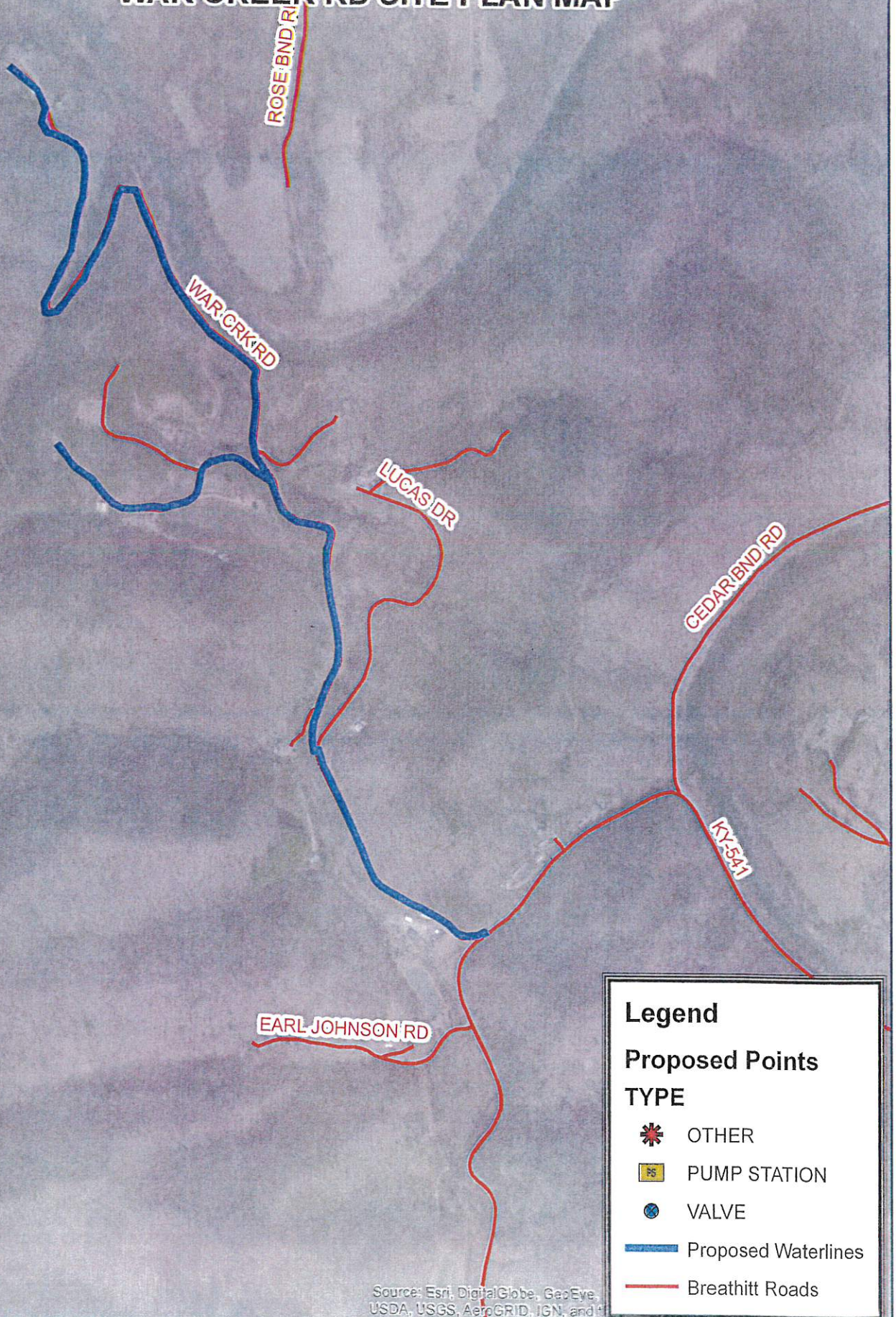
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake

KY-1278

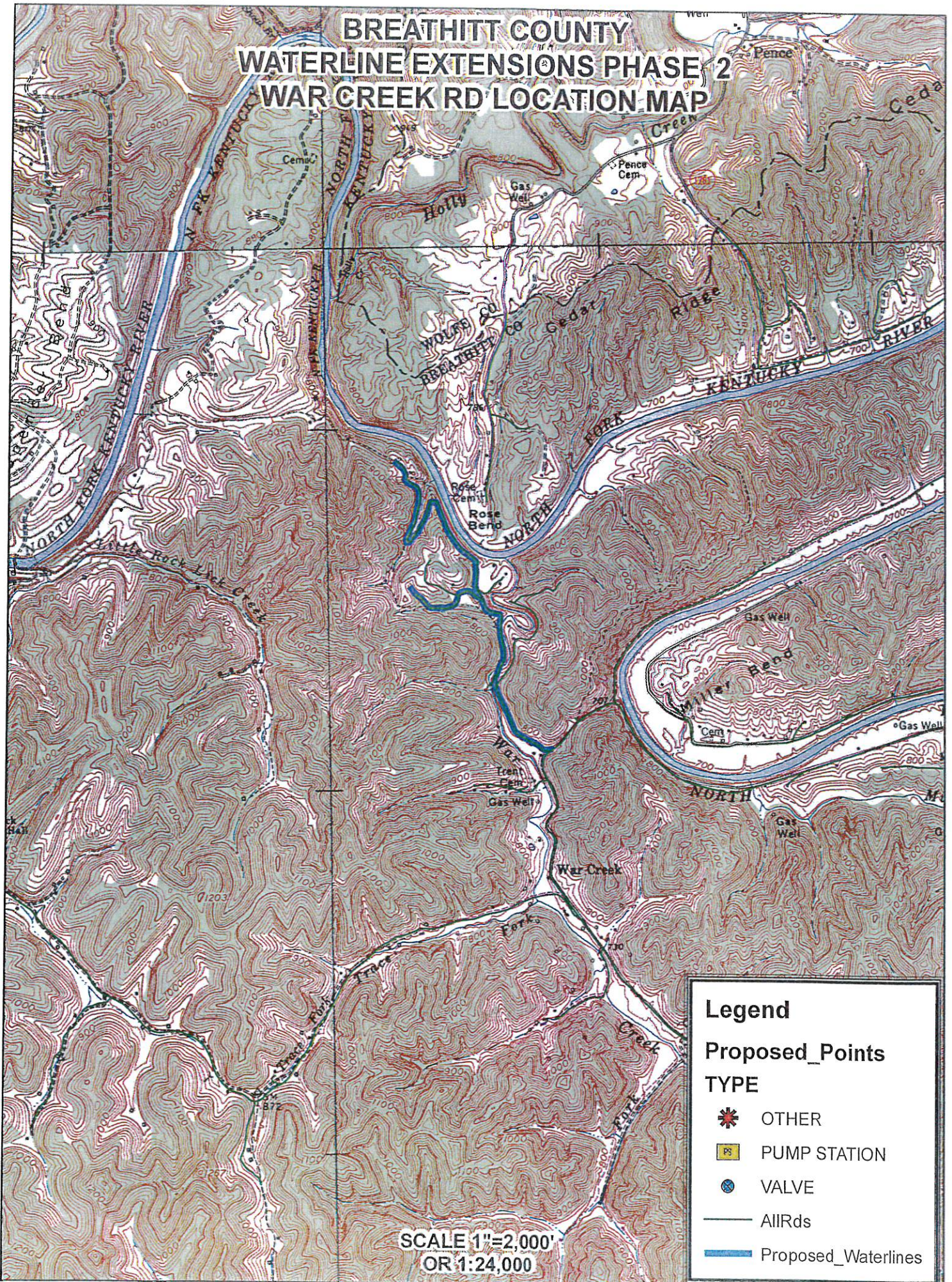
Source: Esri, Digit
USDA, USGS, Aer

529

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








BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD LOCATION MAP



Legend

Proposed_Points

TYPE

-  OTHER
-  PUMP STATION
-  VALVE
-  AllRds
-  Proposed_Waterlines




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


BREATHITT COUNTY WATERLINE EXTENSIONS PHASE 2 WAR CREEK RD FLOODPLAIN MAP


Legend

Proposed Points


TYPE

-  OTHER
-  PUMP STATION
-  VALVE

 Proposed Waterlines




 Breathitt Roads

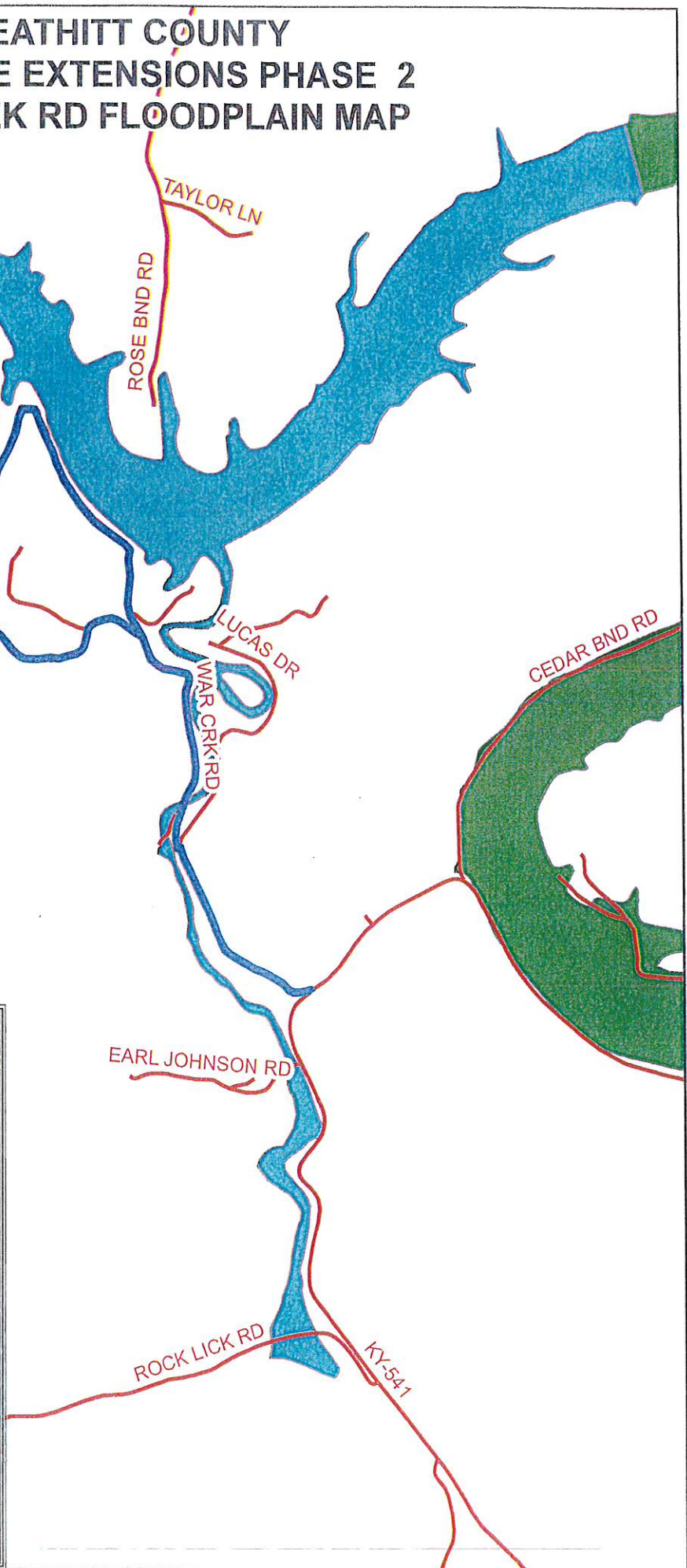
FLOODWAY

-  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

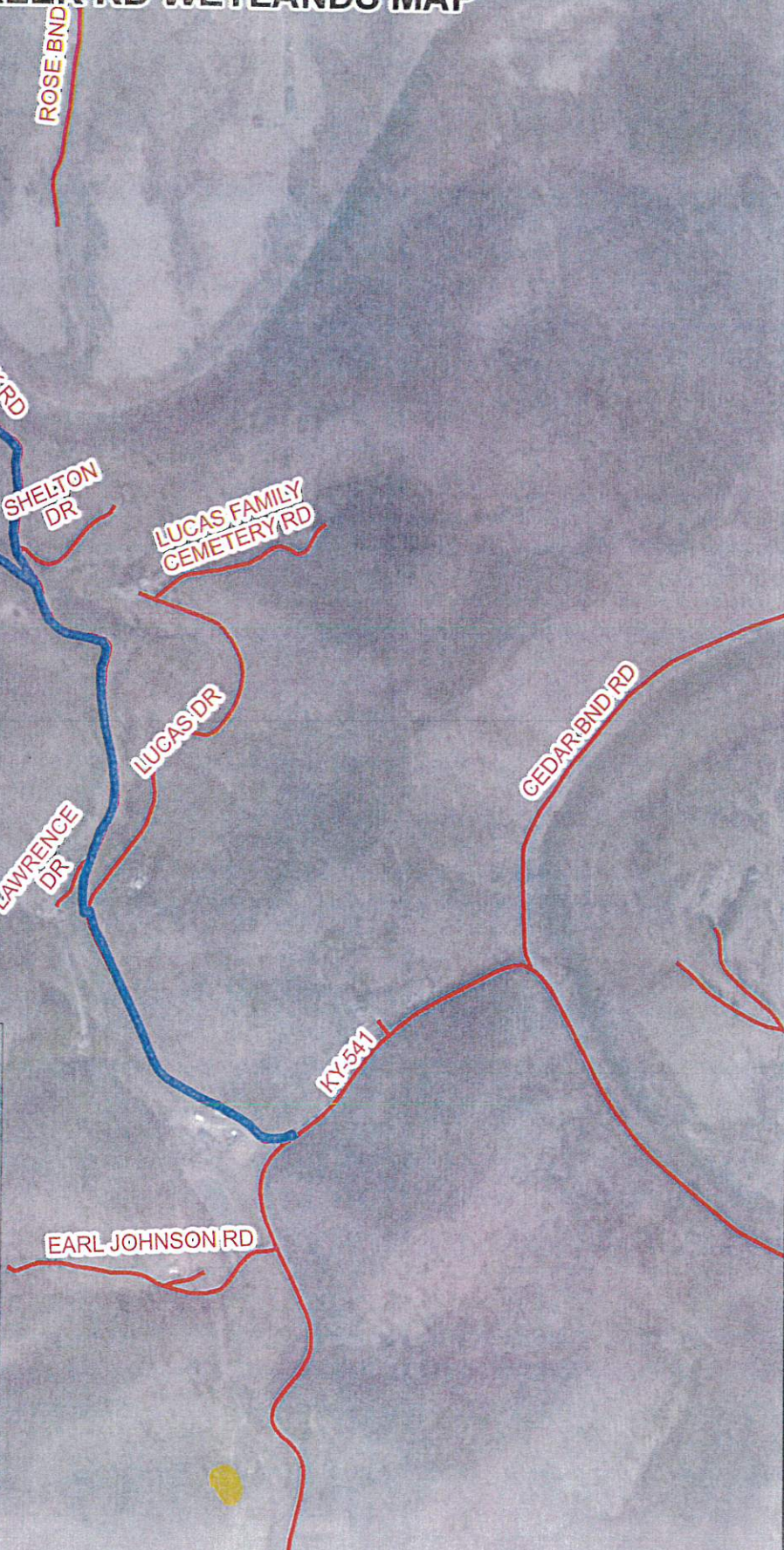
 Proposed Waterlines

 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