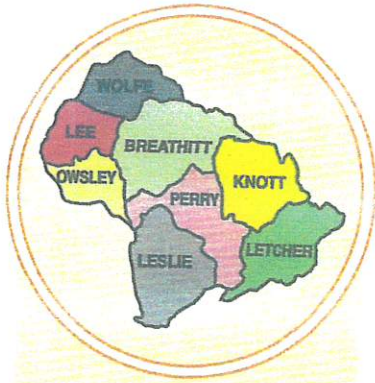


From: Branham, Justin L CIV USARMY CELRL (USA) <Justin.L.Branham@usace.army.mil>
Sent: Thursday, June 18, 2020 12:48 PM
To: Sparks, Jim
Cc: lisa@kradd.org
Subject: LRL-2020-520 - City of Hindman Waterline Extension Project (Triplett Branch, Crimson Road, Charity Lane, Martin Branch, Mill Creek and Chimney Rock areas of Knott County, Kentucky)

Jim,

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. The information submitted by the applicant, consultant or agent indicated that all proposed stream crossings are to be completed utilizing directional bore methodology and no open trenches would be required. Directional boring is not a regulated activity by our agency given that the project is not a TNW. If the scope of the project changes and the project would necessitate the discharge of fill material or open trench methodology, 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.

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
Comments on our Regulatory Services are invited:
http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey



Kentucky River

AREA
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April 1, 2020

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Shirley Halcomb

Executive Director
Michelle Allen

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

Jane Archer
US Army Corps of Engineers
Regulatory Branch
PO Box 59
Louisville KY 40201-0059

RE: City of Hindman – Hindman Waterline Extension Project

Dear Ms. Archer:

The City of Hindman has been approved for an Appalachian Regional Commission Grant for the above referenced project. The project will extend water into an unserved area of Knott County, Kentucky. In doing so, 68 households along Martin Branch Road, Triplett Branch Road, Chimney Rock Road, Crimson Road, Upper Mill Road, and Charity Road will have access to new potable water service.

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. Any ground disturbance with this project will be in highway right-of-way and any stream crossings will be bored under. 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 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: lisa@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Lisa Napier

Community and Economic Development Specialist

Enclosures

90

Project Description

City of Hindman Water Line Extension Project

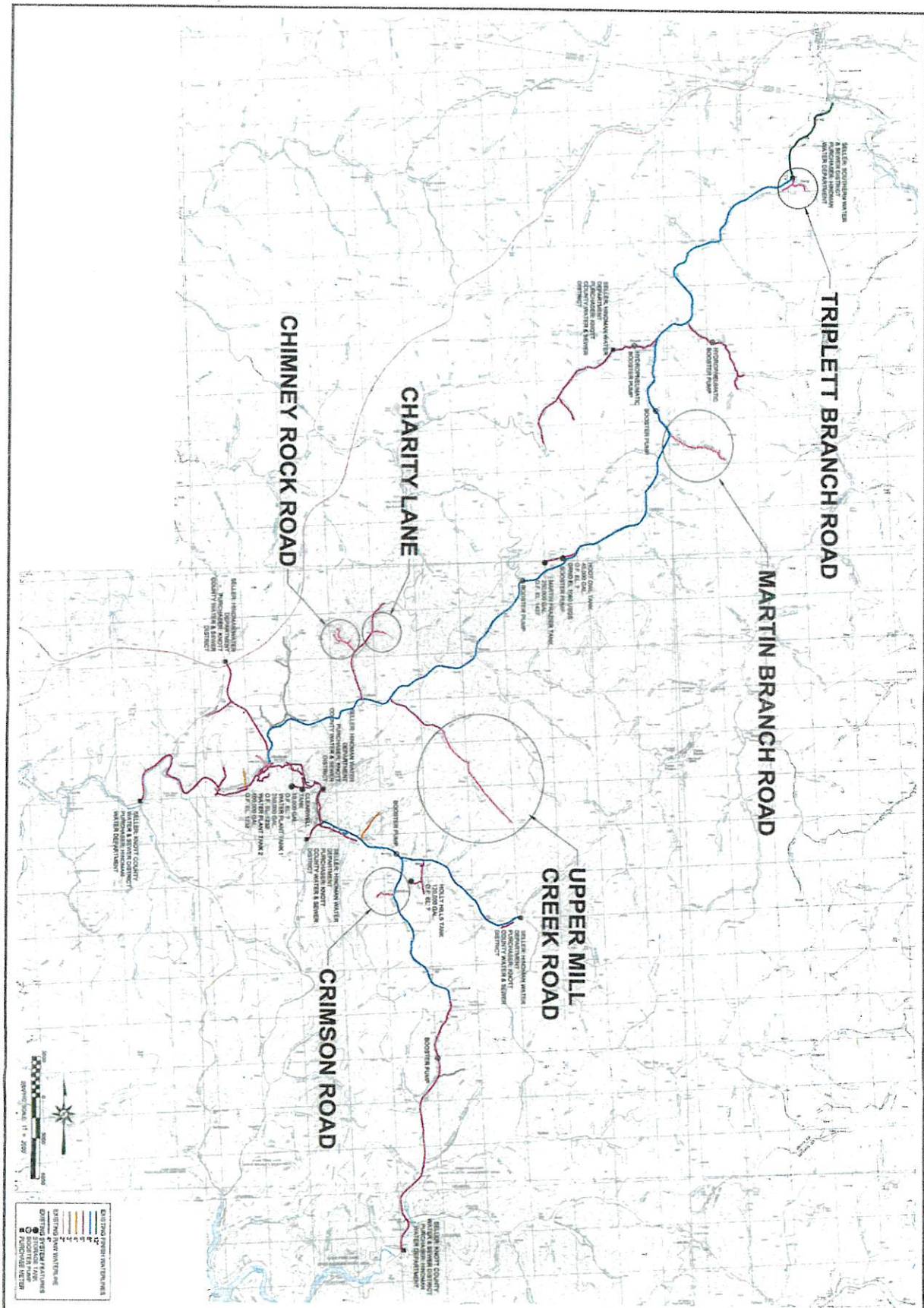
This project will extend water to 68 residences located across six currently unserved roads adjacent to the City of Hindman. Many of these residents are purchasing drinking water due to different circumstances including but not limited to summer droughts and holidays, as well as having polluted well water. The project will:

- Install a hydropneumatic pump and approximately 4200 LF of 4" PVC and 500 LF of 2" PVC along Martin Branch to serve 10 households.
- Install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC along Triplett Branch Road to serve 6 households.
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- Install approximately 650 LF of 4" PVC and 250 LF of 2" PVC along Charity Lane to serve 6 households.

Telemetry will be installed on the two hydropneumatic pump stations as well as upgrading the SCADA system wide on all existing tanks and pump stations as the system has become obsolete. All costs of SCADA have been incorporated into the ARC portion of the project.

The project will:

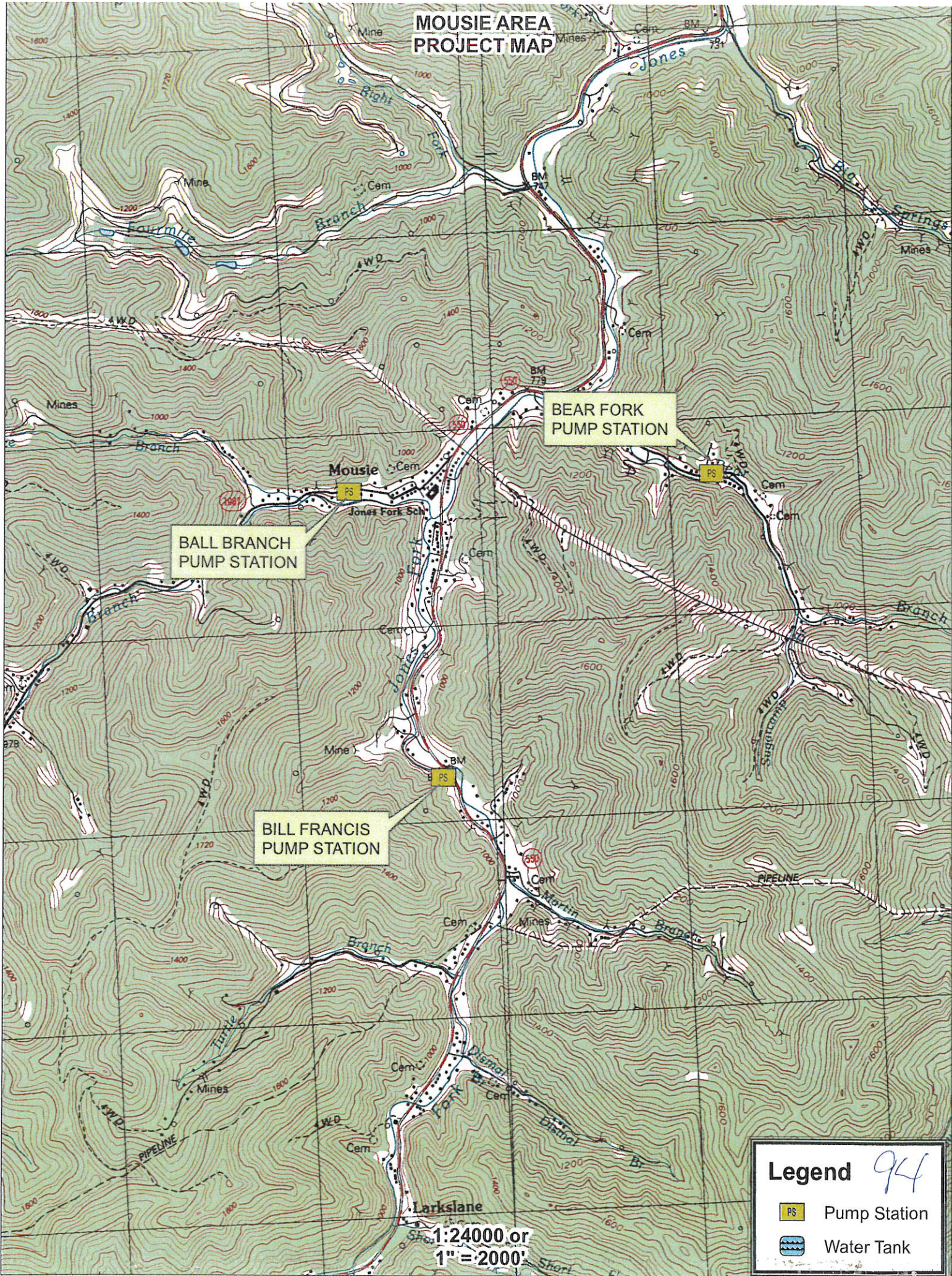
- 68 unserved households will have access to potable water supply.
- Installation of new water line – 21,950 LF (19,450 LF on 4" PVC and 2500 LF of 2" PVC).
- Installation of 2 hydropneumatic pump stations.
- Updated SCADA telemetry and office computer will result in more efficient system operations



<p>CITY OF HINDMAN WATER DISTRIBUTION SYSTEM</p>		<p>CITY OF HINDMAN KNOTT COUNTY, KENTUCKY</p>	
<p>Scale: 1" = 3200'</p>		<p>WATER DISTRIBUTION SYSTEM</p>	

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MOUSIE AREA PROJECT MAP



BALL BRANCH
PUMP STATION

BEAR FORK
PUMP STATION

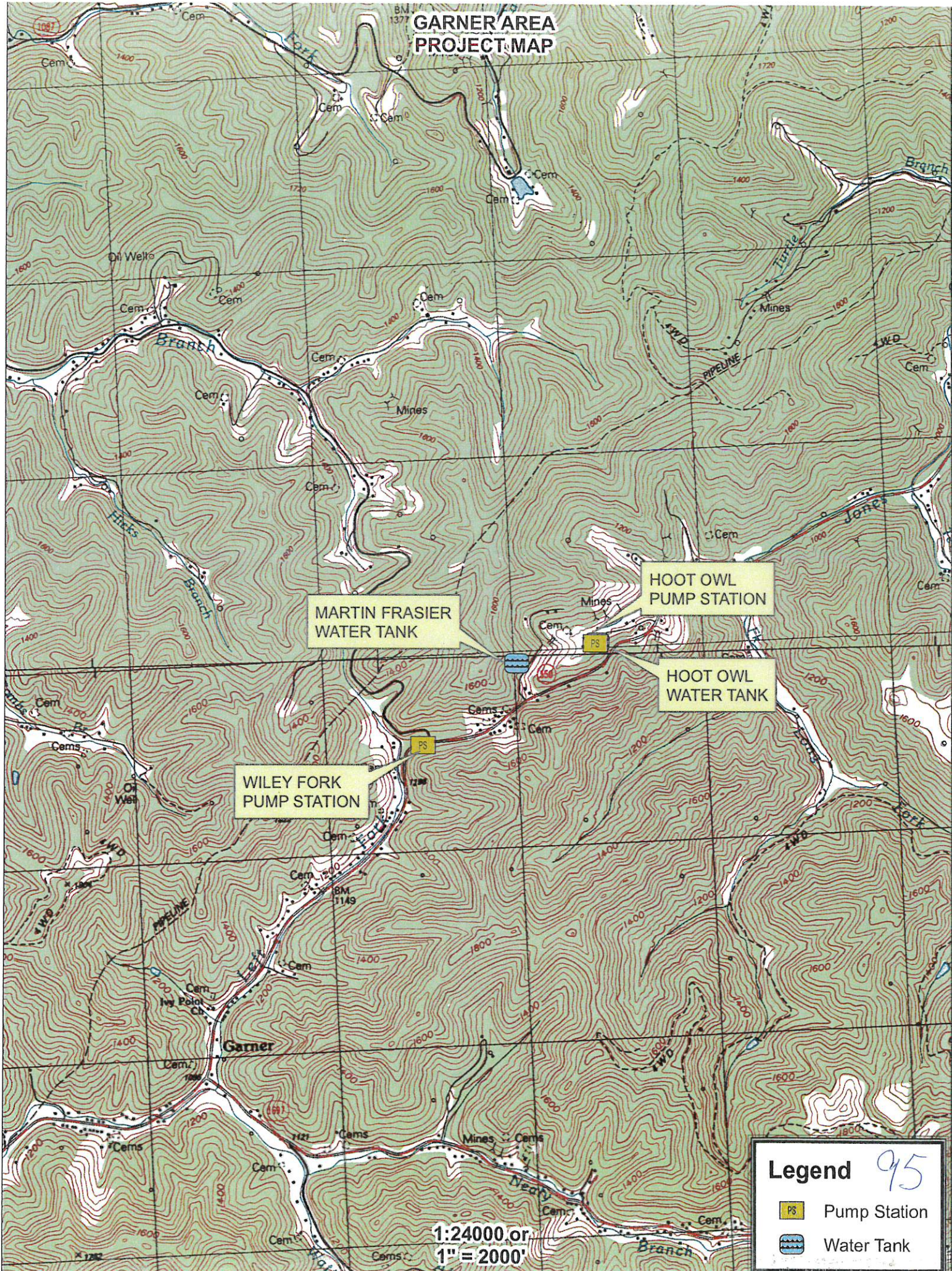
BILL FRANCIS
PUMP STATION

Legend 94

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

GARNER AREA PROJECT MAP





MARTIN FRASIER
WATER TANK

HOOT OWL
PUMP STATION

HOOT OWL
WATER TANK

WILEY FORK
PUMP STATION

Legend 95

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

BRINKLEY AREA PROJECT MAP

HOLLY HILLS
PUMP STATION

HOLLY HILLS
WATER TANK

DAVIDSON
PUMP STATION

Legend 96

PS Pump Station

Water Tank

1:24000 or
1" = 2000'

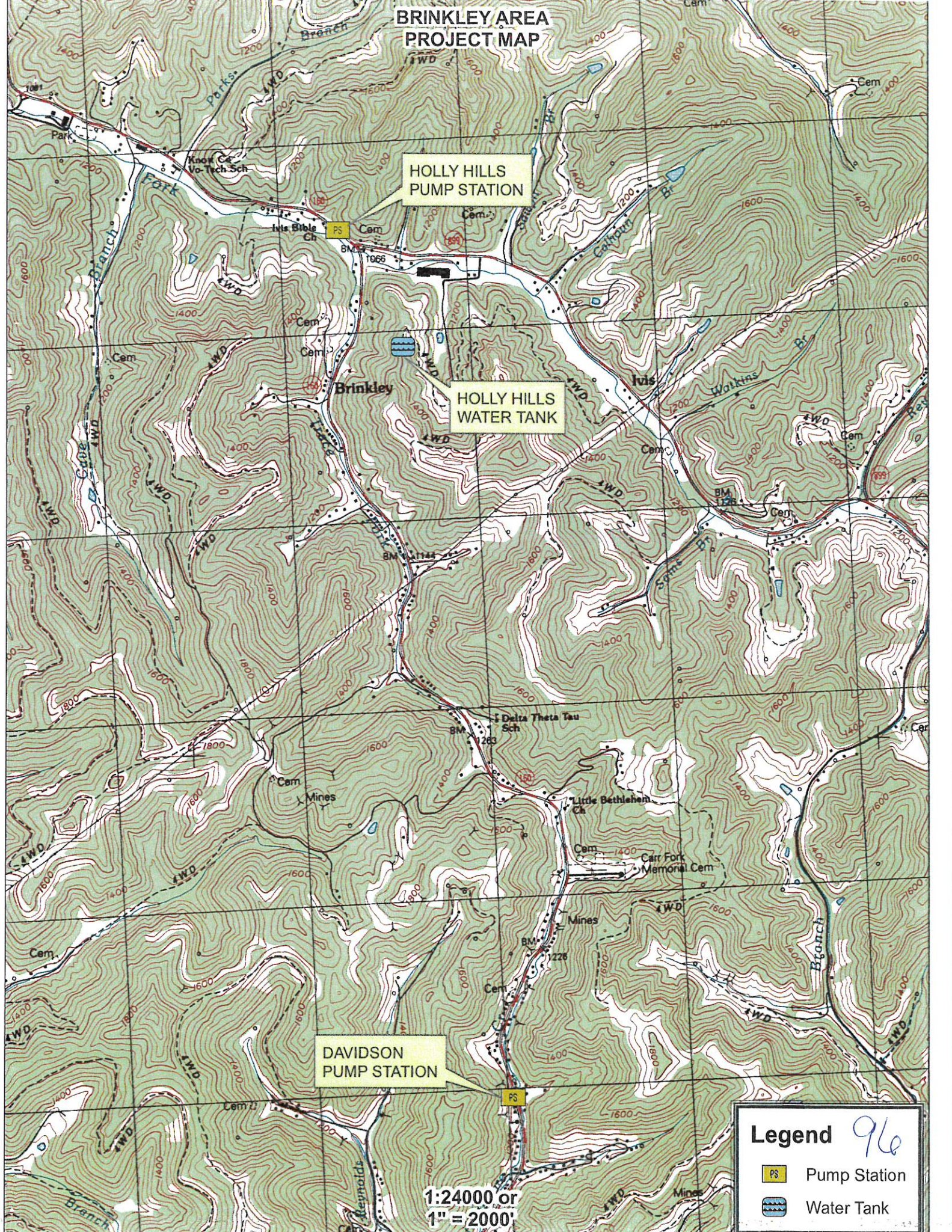


Exhibit 4
Natural Resource Conservation Service
Correspondence



United States Department of Agriculture

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

April 8, 2020

Lisa Napier
Kentucky River Area Development District
941 N. Main Street
Hazard, KY 41701

RE: CITY OF HINDMAN—HINDMAN WATERLINE EXTENSION PROJECT

Dear Lisa:

In response to your request from 4/1/2020 regarding the waterline extension project in Hindman, 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 funding.

Based on the information contained in your request and accompanying maps, no conversion of agricultural lands (*Prime or Statewide Important Farmland*) will occur or be negatively impacted by the proposed undertaking. Therefore, this office has no other concerns at this time.

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

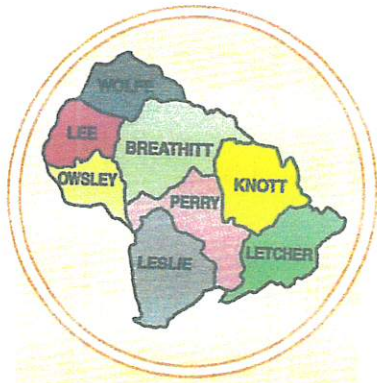
Sincerely,

Perri Pedley
Soil Scientist
Perri.Pedley@usda.gov

98

The Natural Resources Conservation Service provides leadership in a partnership effort to help people conserve, maintain, and improve our natural resources and environment.

An Equal Opportunity Provider and Employer



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Shirley Halcomb

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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: City of Hindman – Hindman Waterline Extension Project

Dear Perri:

The City of Hindman has been approved for an Appalachian Regional Commission Grant for the above referenced project. The project will extend water into an unserved area of Knott County, Kentucky. In doing so, 68 households along Martin Branch Road, Triplett Branch Road, Chimney Rock Road, Crimson Road, Upper Mill Road, and Charity Road will have access to new potable water service.

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. Any ground disturbance will be in highway right-of-way and no impacts are anticipated to prime farmland. 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 :

lisa@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Lisa Napier

Community and Economic Development Specialist

Enclosures

99

Project Description

City of Hindman Water Line Extension Project

This project will extend water to 68 residences located across six currently unserved roads adjacent to the City of Hindman. Many of these residents are purchasing drinking water due to different circumstances including but not limited to summer droughts and holidays, as well as having polluted well water. The project will:

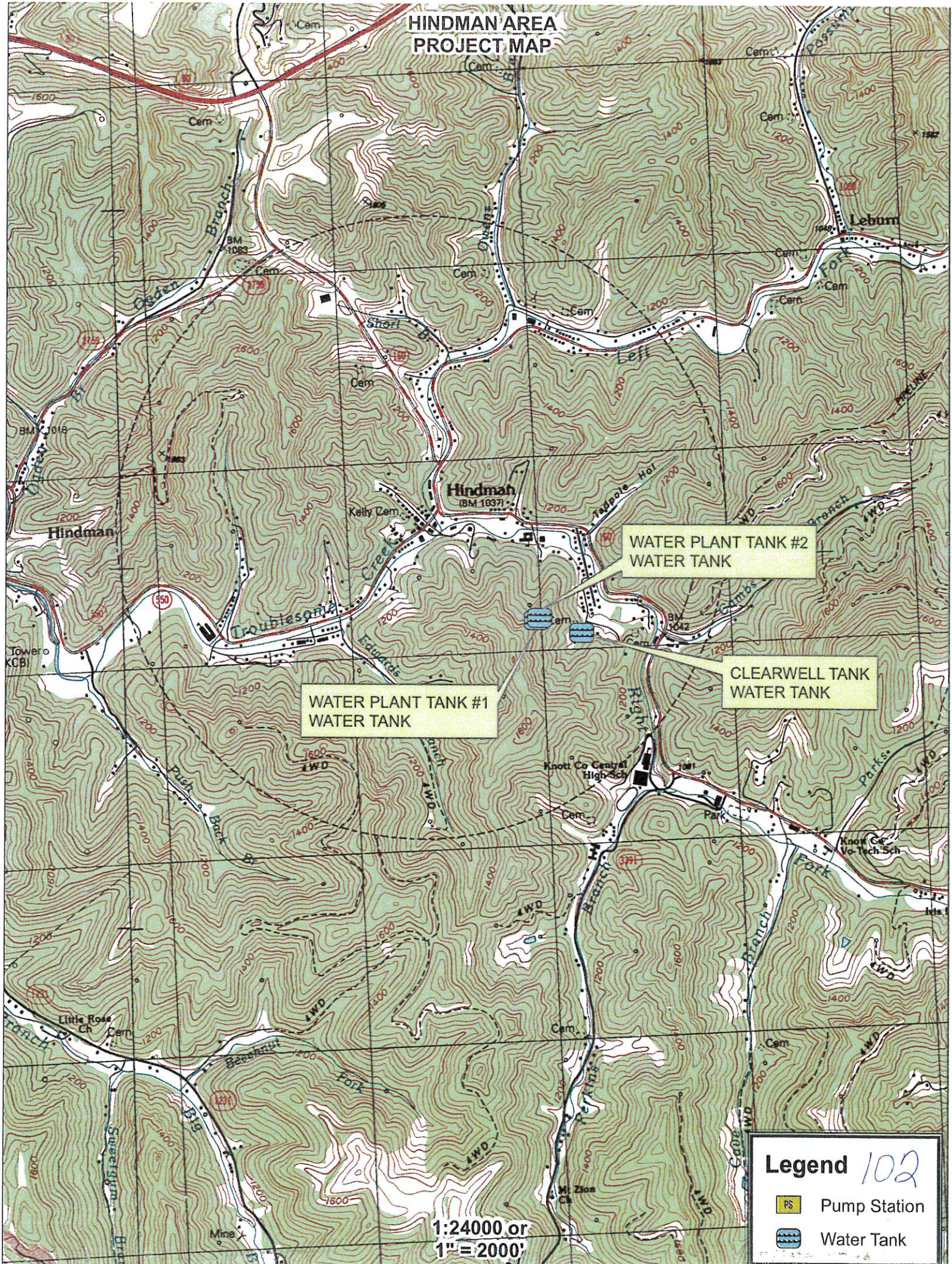
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HINDMAN AREA PROJECT MAP



WATER PLANT TANK #1
WATER TANK

WATER PLANT TANK #2
WATER TANK

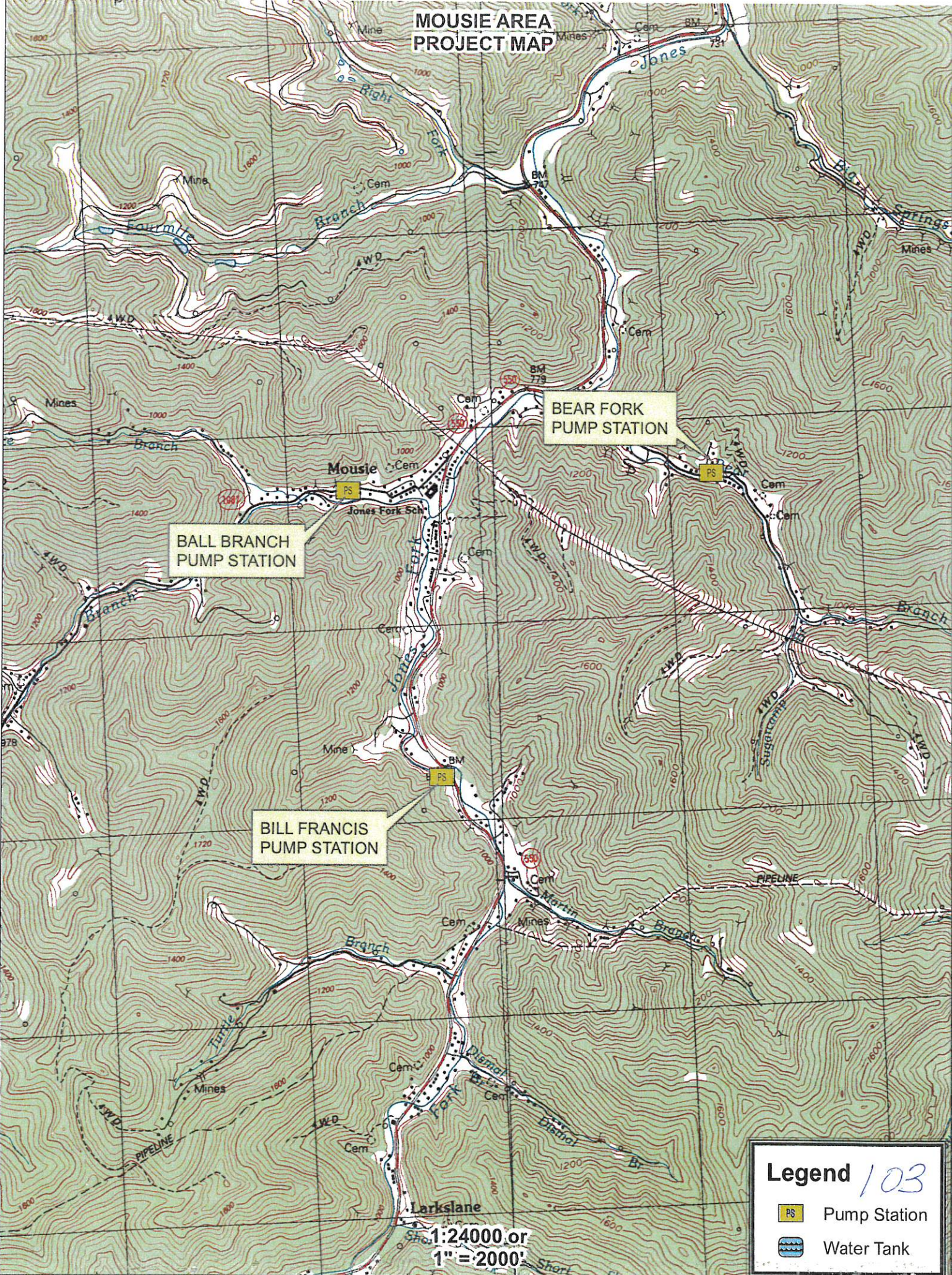
CLEARWELL TANK
WATER TANK

Legend 102

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP





BALL BRANCH PUMP STATION

BEAR FORK PUMP STATION

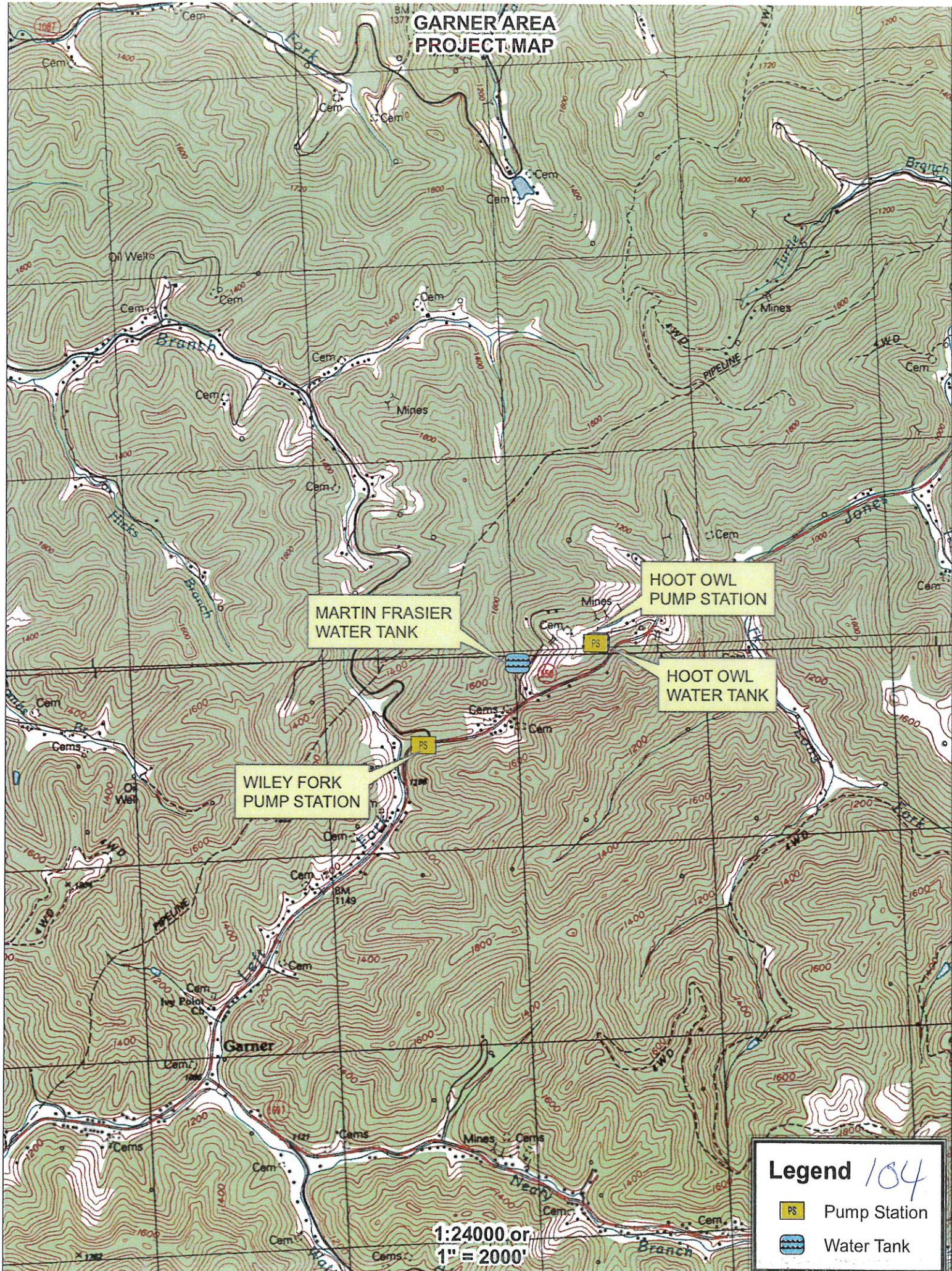
BILL FRANCIS PUMP STATION

Legend 103

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

GARNER AREA PROJECT MAP





MARTIN FRASIER
WATER TANK

HOOT OWL
PUMP STATION

HOOT OWL
WATER TANK

WILEY FORK
PUMP STATION

Legend 104

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'



BRINKLEY AREA PROJECT MAP

HOLLY HILLS
PUMP STATION

HOLLY HILLS
WATER TANK

DAVIDSON
PUMP STATION

Legend 105

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

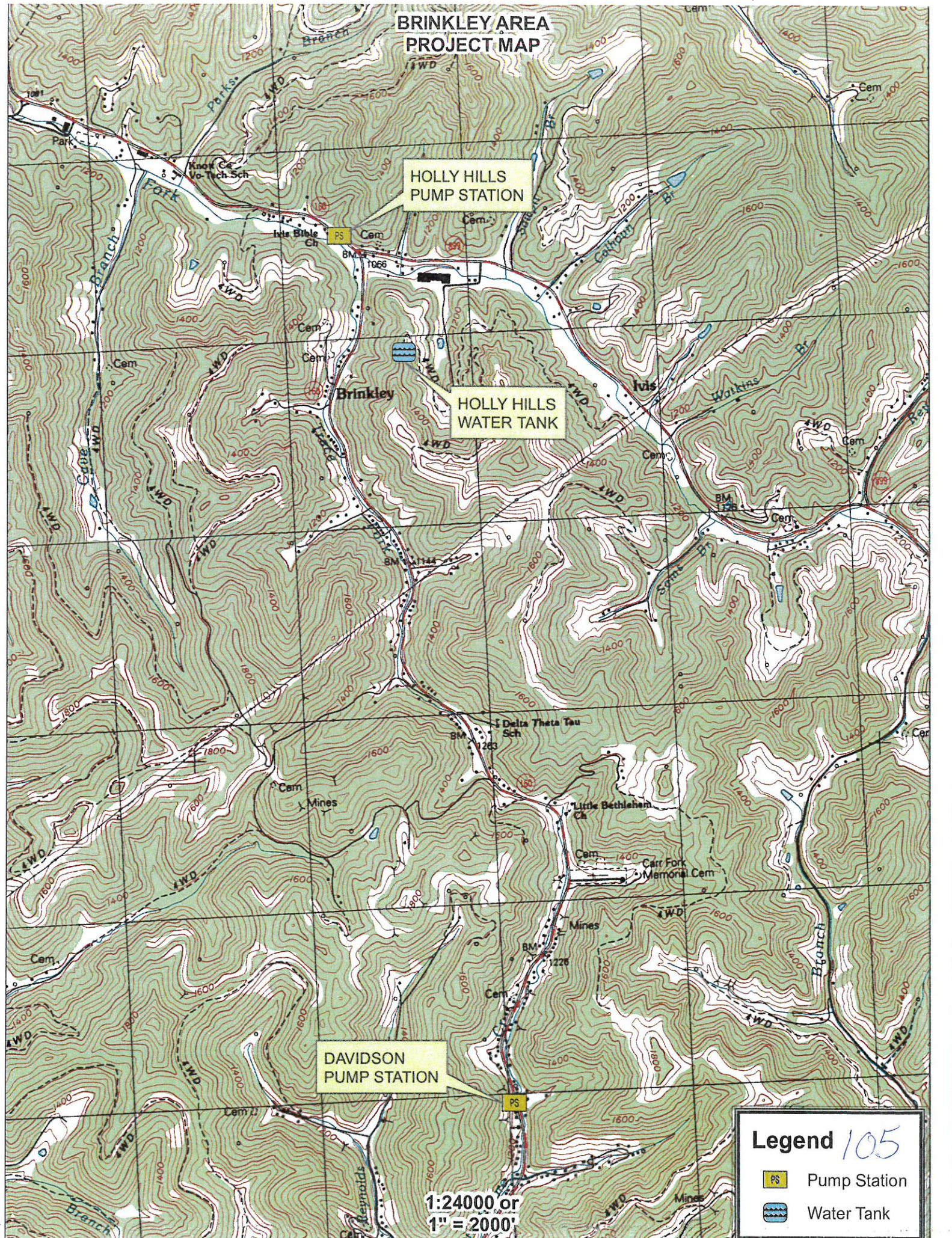
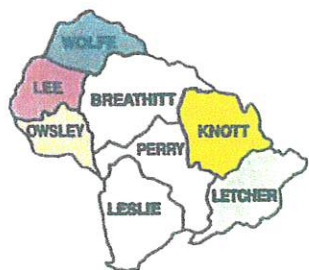


Exhibit 5
U.S. Fish and Wildlife Documentation

04011120 11/11/20

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APR - 7 2020



Kentucky River

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April 1, 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.

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Terry Adams
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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
Frankfort Field Office
JC Watts Federal Building
330 West Broadway, Suite 265 For
Frankfort KY 40601

JENNIFER GARLAND Digitally signed by JENNIFER GARLAND
Date: 2020.04.13 14:09:44 -04'00'

Kentucky Field Supervisor _____ **Date** _____
U.S. Fish and Wildlife Service

RE: City of Hindman – Hindman Waterline Extension Project

Dear Sir or Madam:

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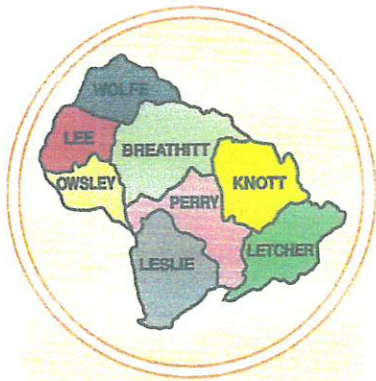
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Sincerely,

Lisa Napier
Community and Economic Development Specialist

Enclosures

107



Kentucky River

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

April 1, 2020

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(Hearing Impaired)

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JC Watts Federal Building
330 West Broadway, Suite 265
Frankfort KY 40601

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Lisa Napier
Community and Economic Development Specialist

Enclosures

108

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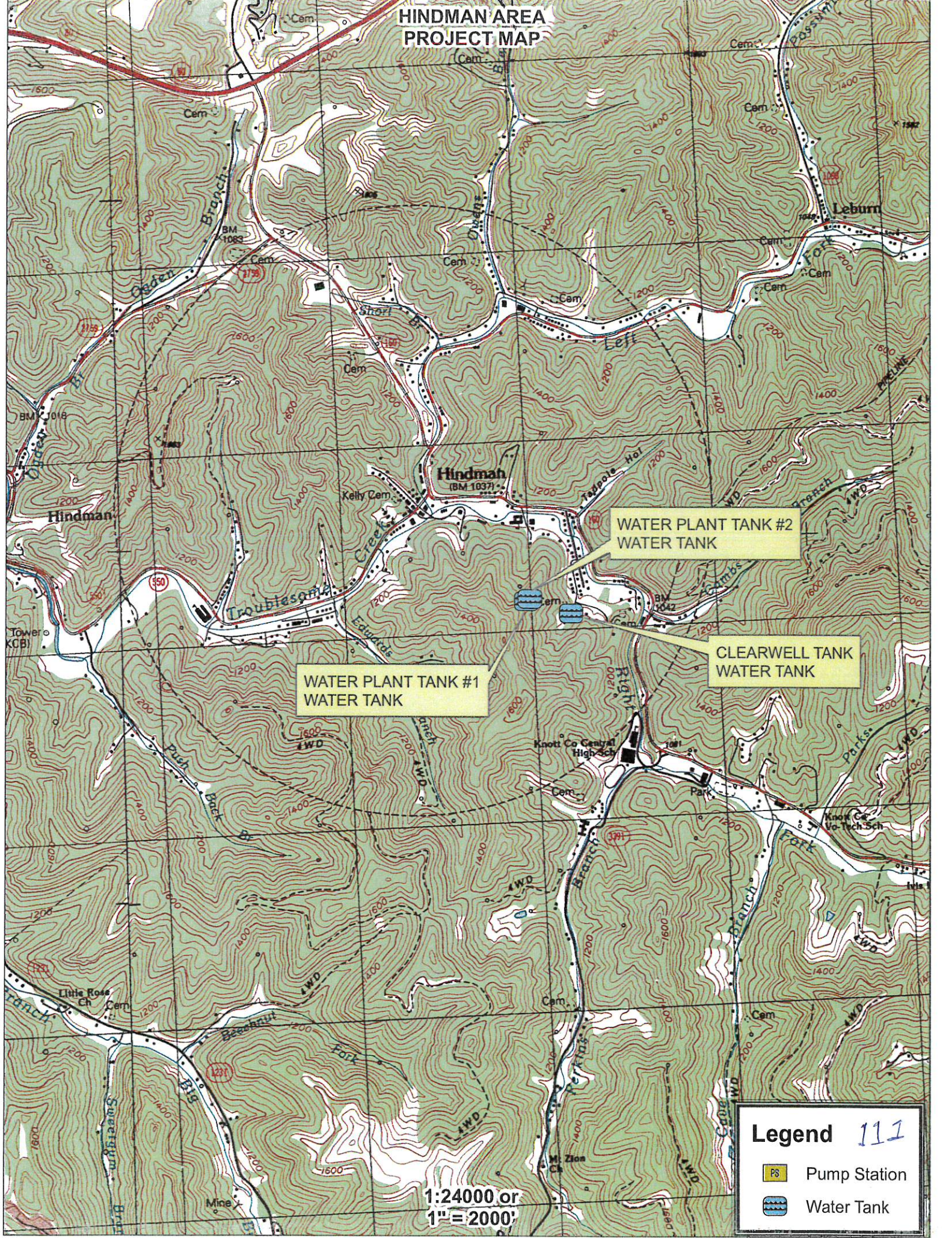
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HINDMAN AREA PROJECT MAP





WATER PLANT TANK #1
WATER TANK

WATER PLANT TANK #2
WATER TANK

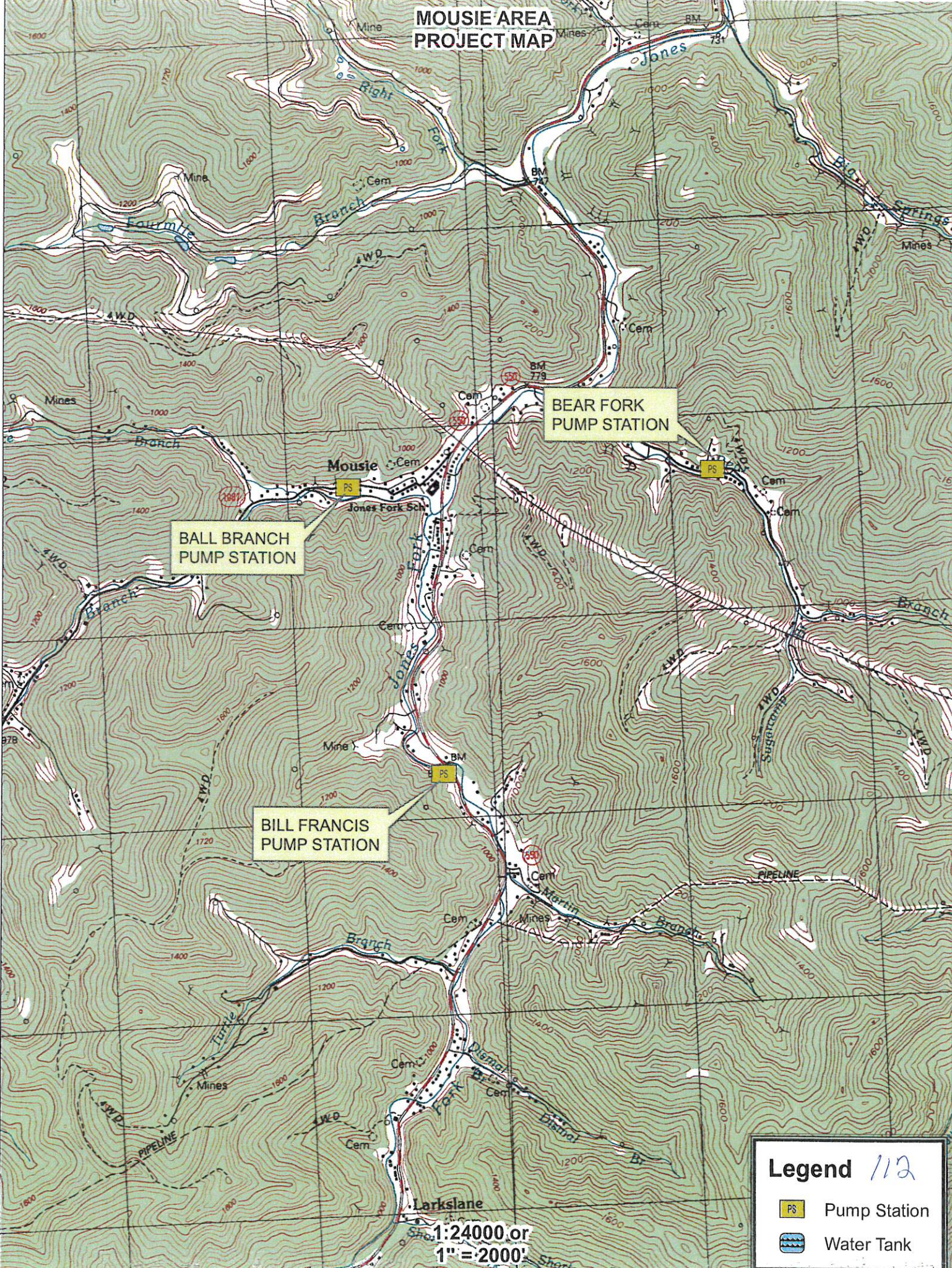
CLEARWELL TANK
WATER TANK

Legend 111

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP





BALL BRANCH
PUMP STATION

BEAR FORK
PUMP STATION

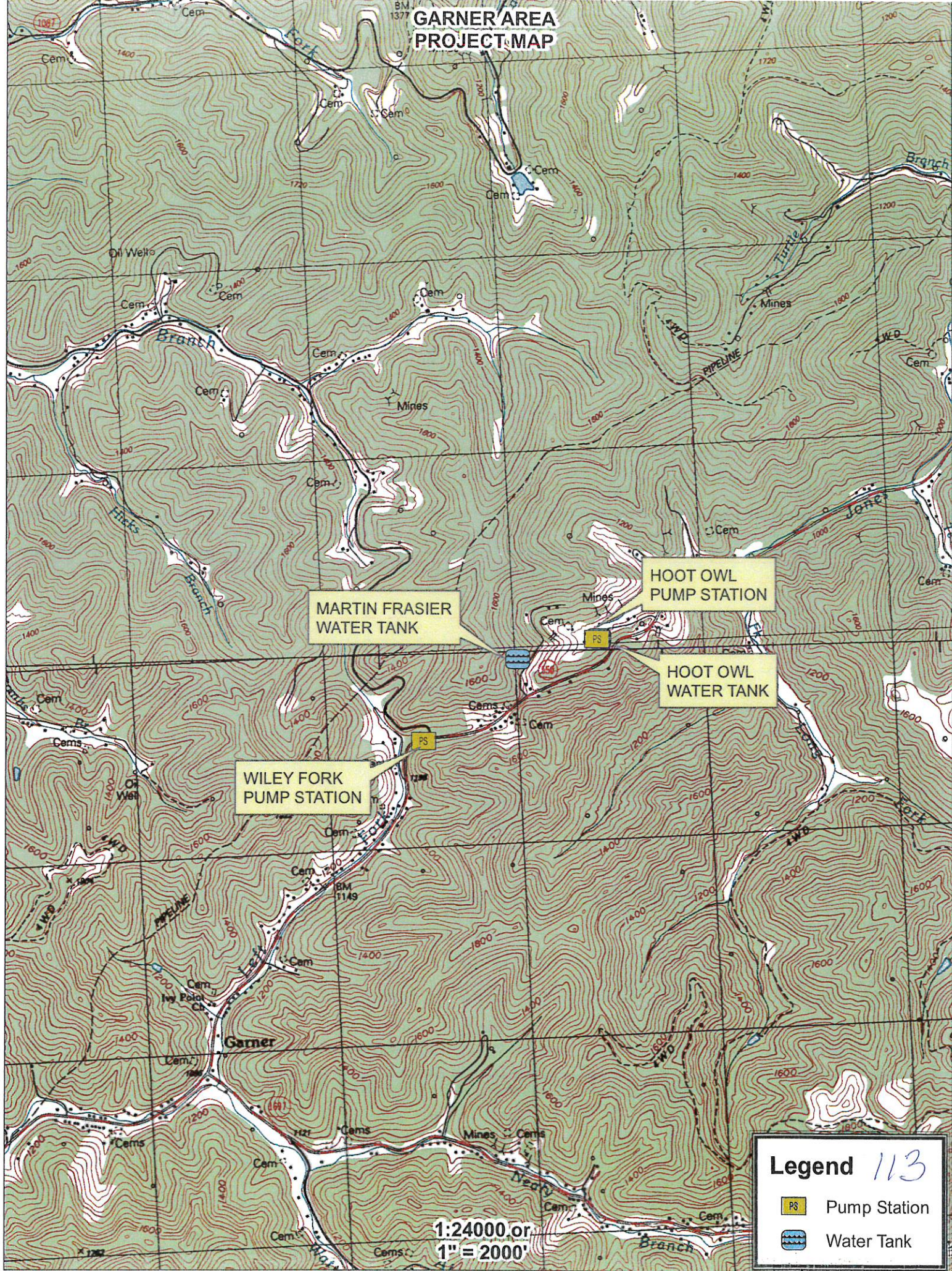
BILL FRANCIS
PUMP STATION

Legend 112

-  Pump Station
-  Water Tank

1:24000 or
1"=2000'

GARNER AREA PROJECT MAP





MARTIN FRASIER
WATER TANK

HOOT OWL
PUMP STATION

HOOT OWL
WATER TANK

WILEY FORK
PUMP STATION

Legend 113

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'



BRINKLEY AREA PROJECT MAP

HOLLY HILLS
PUMP STATION

HOLLY HILLS
WATER TANK

DAVIDSON
PUMP STATION

Legend 114

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

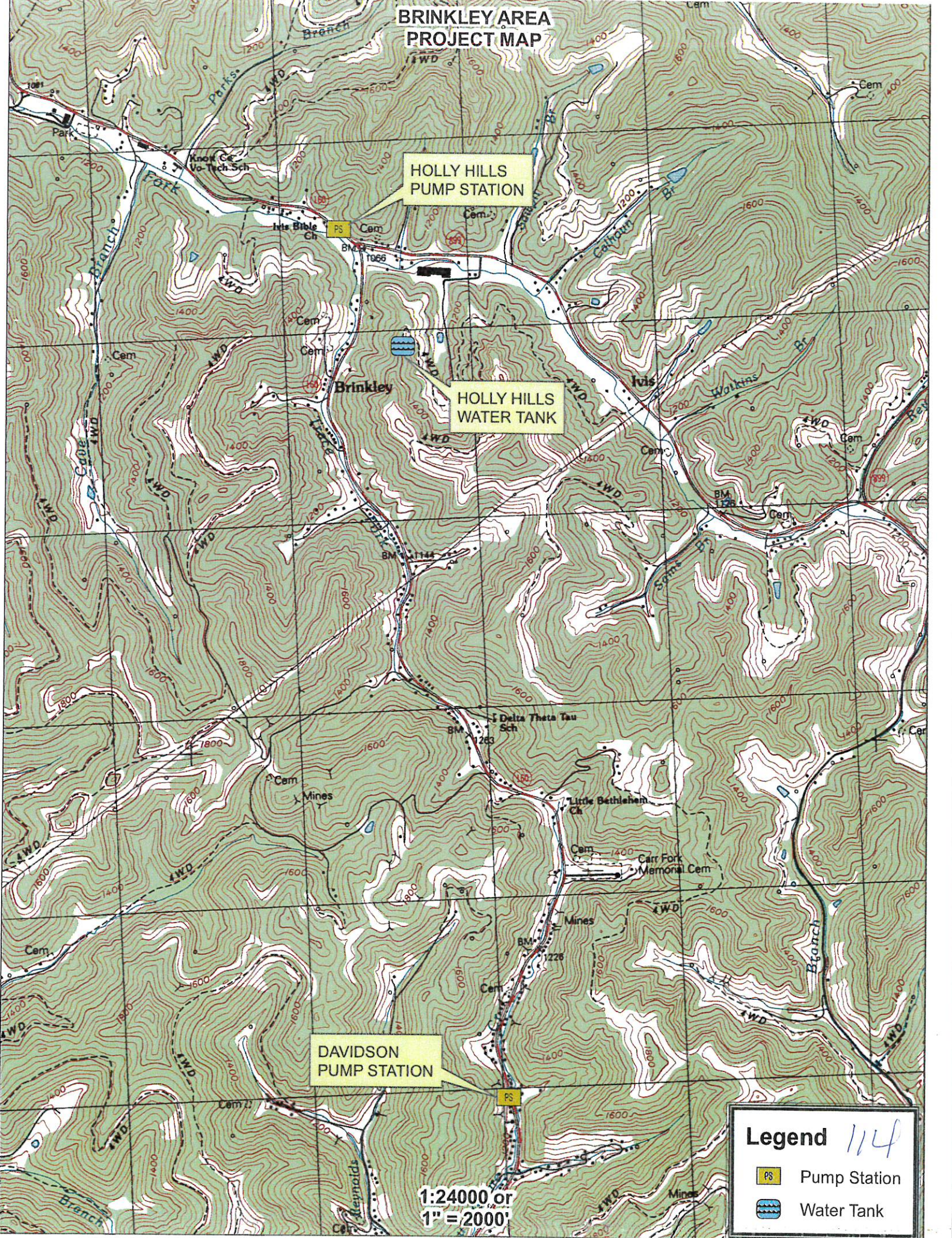


Exhibit 6

Kentucky Fish and Wildlife Documentation



**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

April 23, 2020

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

RE: City of Hindman – Hindman Waterline Extension Project

Dear Ms. Napier:

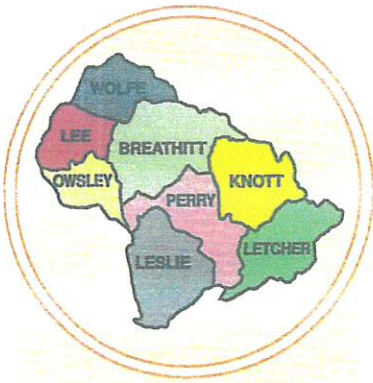
The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information regarding the subject project. Due to the location and nature of the project, KDFWR does not believe the project will impact any federal or state-listed threatened/endangered species or any associated 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

April 1, 2020

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

RE: City of Hindman – Hindman Waterline Extension Project

Dear Sir or Madam:

The City of Hindman has been approved for an Appalachian Regional Commission Grant for the above referenced project. The project will extend water into an unserved area of Knott County, Kentucky. In doing so, 68 households along Martin Branch Road, Triplett Branch Road, Chimney Rock Road, Crimson Road, Upper Mill Road, and Charity Road will have access to new potable water service.

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. Any ground disturbance with this project will be in highway right-of-way, there will be no vegetation or tree removal and any stream crossings will be bored under. 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 IPAC correspondence, project location map and a 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: lisa@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Lisa Napier

Community and Economic Development Specialist

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

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Jeff Dobson - Knott Co.
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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" 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)

Enclosures

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Project Description

City of Hindman Water Line Extension Project

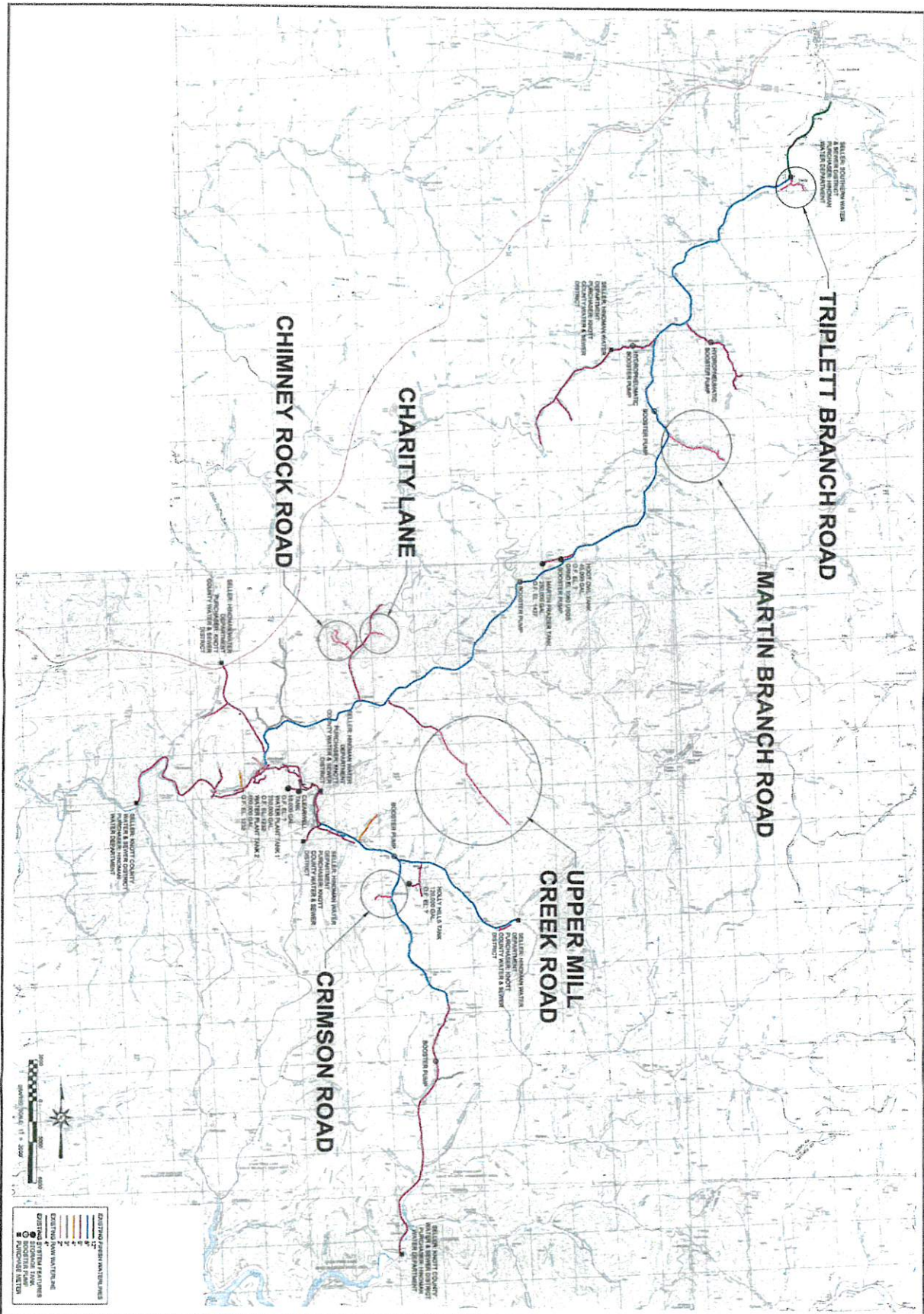
This project will extend water to 68 residences located across six currently unserved roads adjacent to the City of Hindman. Many of these residents are purchasing drinking water due to different circumstances including but not limited to summer droughts and holidays, as well as having polluted well water. The project will:

- Install a hydropneumatic pump and approximately 4200 LF of 4" PVC and 500 LF of 2" PVC along Martin Branch to serve 10 households.
- Install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC along Triplett Branch Road to serve 6 households.
- Install a hydropneumatic pump station and approximately 2,900 LF of 4" PVC and 750 LF of 2" PVC along Chimney Rock RD to serve 9 households.
- Install approximately 1,200 LF of 4" PVC and 250 LF of 2" PVC along Crimson Road to serve 7 households.
- Install approximately 8,450 LF of 4" PVC and 250 LF of 2" PVC along Upper Mill Creek to serve 30 households.
- Install approximately 650 LF of 4" PVC and 250 LF of 2" PVC along Charity Lane to serve 6 households.

Telemetry will be installed on the two hydropneumatic pump stations as well as upgrading the SCADA system wide on all existing tanks and pump stations as the system has become obsolete. All costs of SCADA have been incorporated into the ARC portion of the project.

The project will:

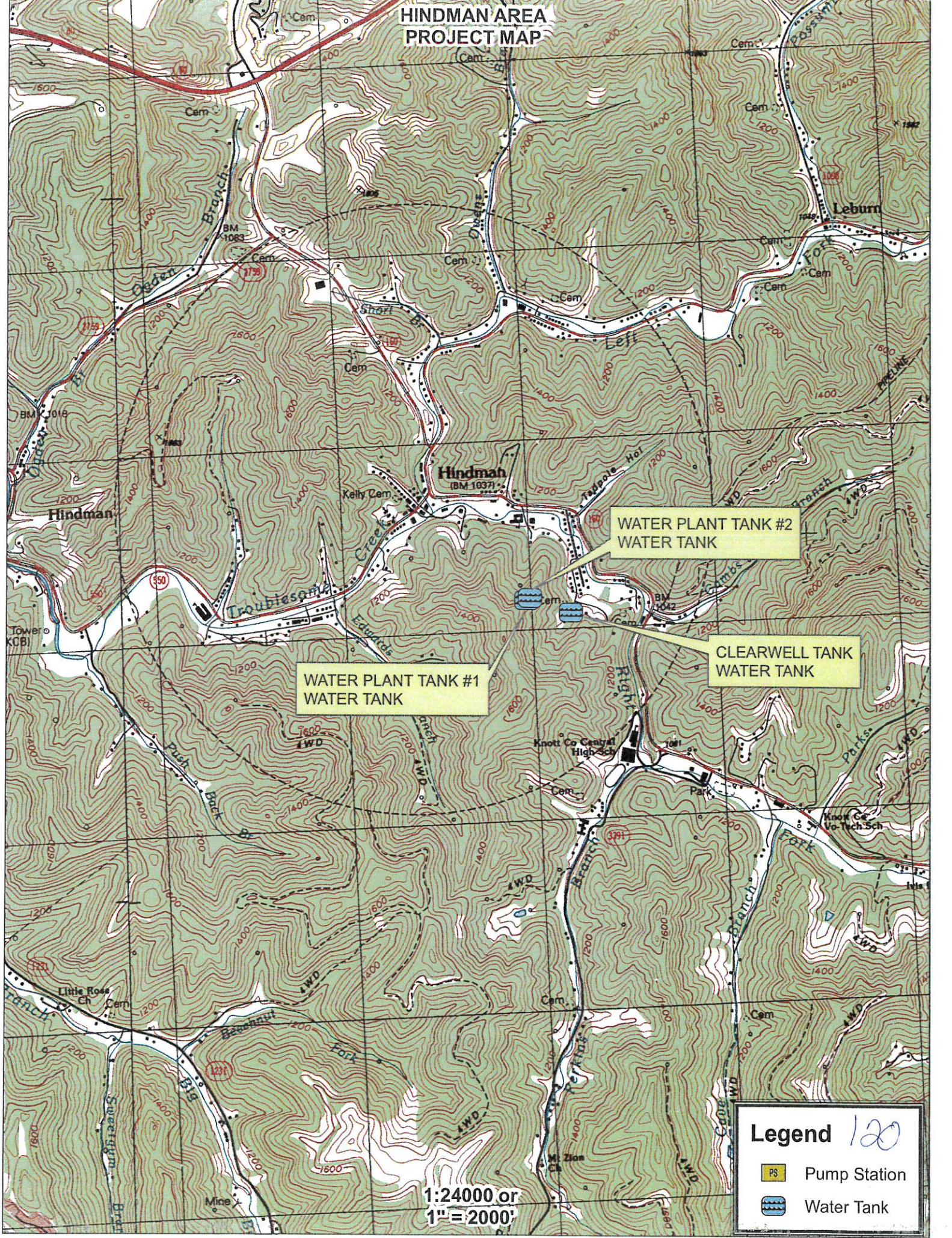
- 68 unserved households will have access to potable water supply.
- Installation of new water line – 21,950 LF (19,450 LF on 4" PVC and 2500 LF of 2" PVC).
- Installation of 2 hydropneumatic pump stations.
- Updated SCADA telemetry and office computer will result in more efficient system operations



CITY OF HINDMAN WATER DISTRIBUTION SYSTEM		CITY OF HINDMAN KNOTT COUNTY, KENTUCKY	
DATE: _____ SCALE: 1" = 3000'		WATER DISTRIBUTION SYSTEM	

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HINDMAN AREA PROJECT MAP



WATER PLANT TANK #1
WATER TANK

WATER PLANT TANK #2
WATER TANK

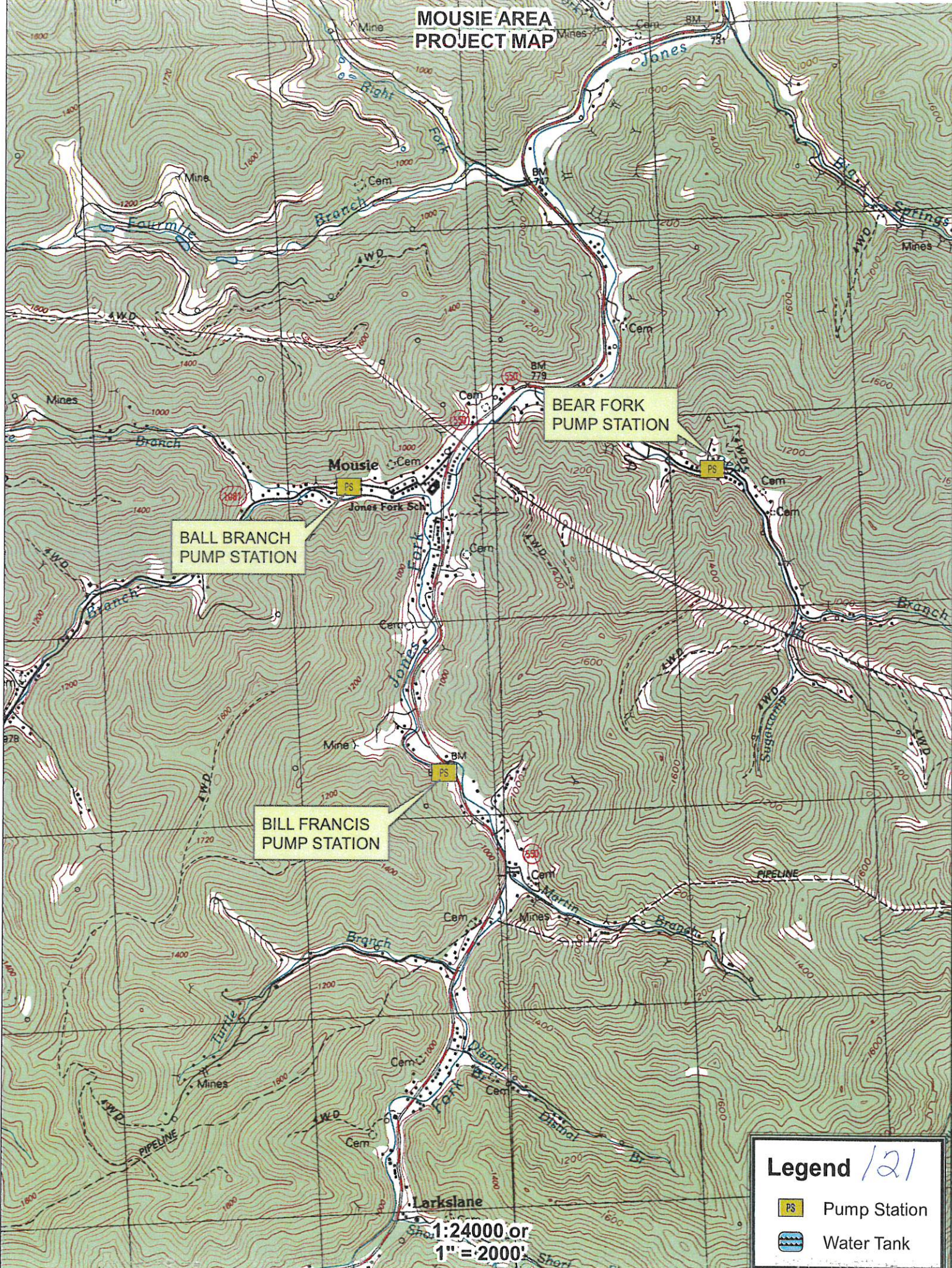
CLEARWELL TANK
WATER TANK

Legend 120

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP



BALL BRANCH
PUMP STATION

BEAR FORK
PUMP STATION

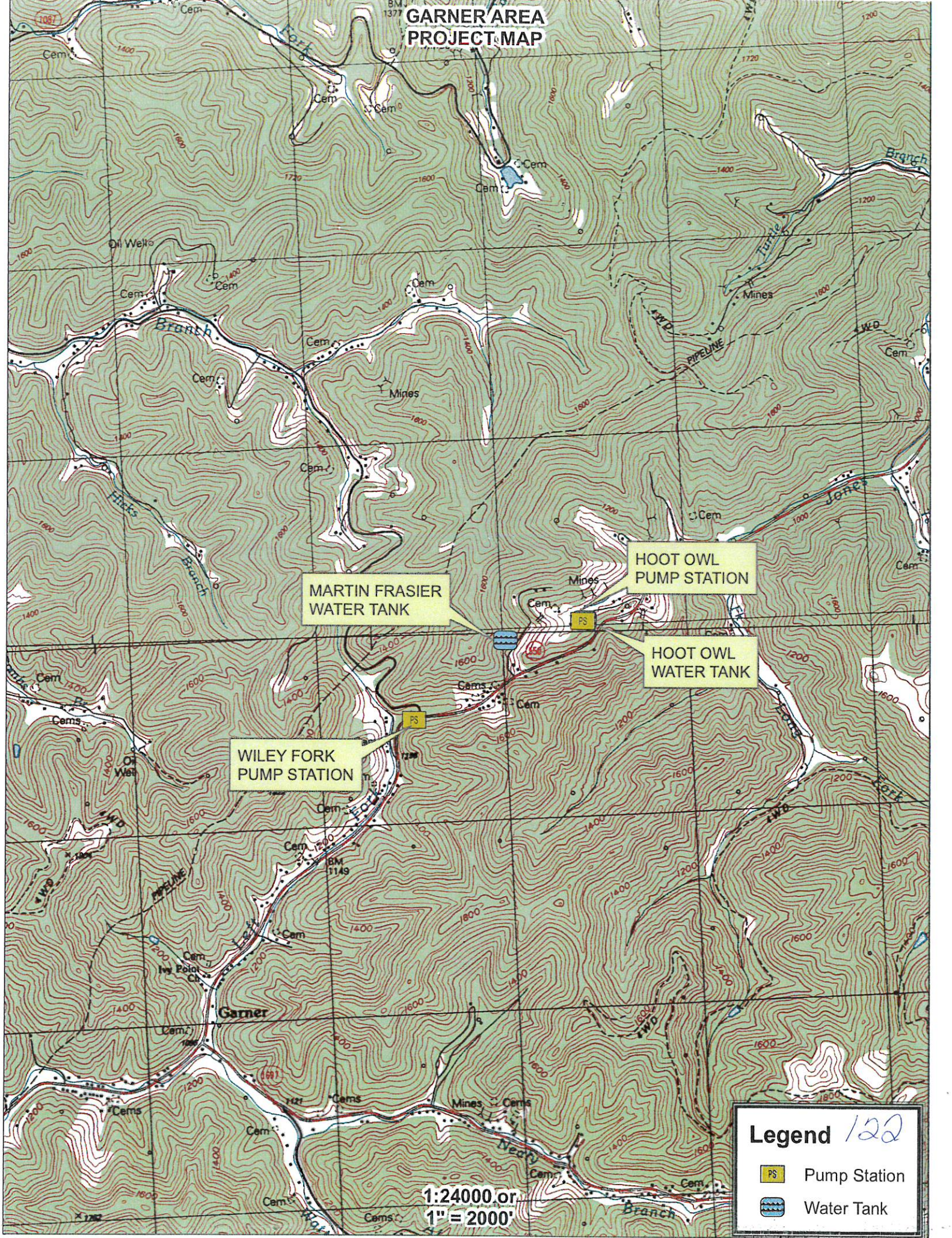
BILL FRANCIS
PUMP STATION

Legend 121

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

GARNER AREA PROJECT MAP



MARTIN FRASIER
WATER TANK

HOOT OWL
PUMP STATION

HOOT OWL
WATER TANK

WILEY FORK
PUMP STATION

Legend 122

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'



BRINKLEY AREA PROJECT MAP

HOLLY HILLS PUMP STATION

HOLLY HILLS WATER TANK

DAVIDSON PUMP STATION

Legend 123

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

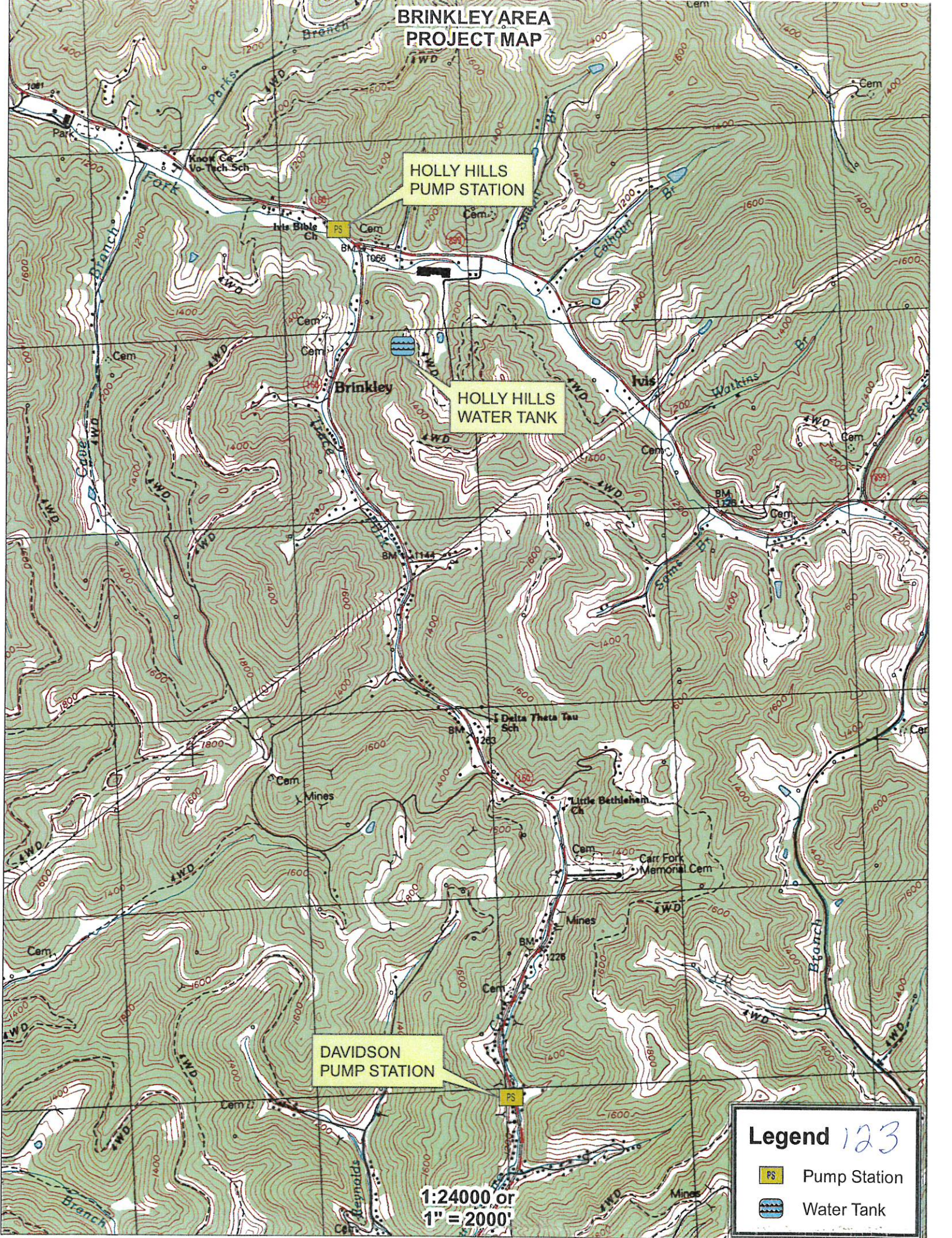


Exhibit 7
Wild and Scenic River Data

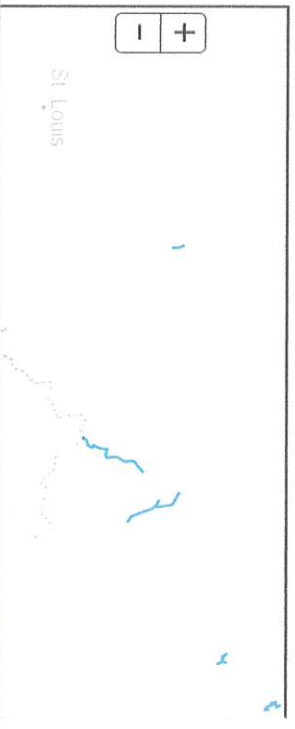


NATIONAL WILD AND SCENIC RIVERS SYSTEM

- NATIONAL SYSTEM
- MANAGEMENT
- RESOURCES
- PUBLICATIONS
- CONTACT US
- 50 YEARS
- SITE INDEX

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.



EXPLORE DESIGNATED RIVERS



Choose A State

Choose A River

Nourished by the gentle soils of the region