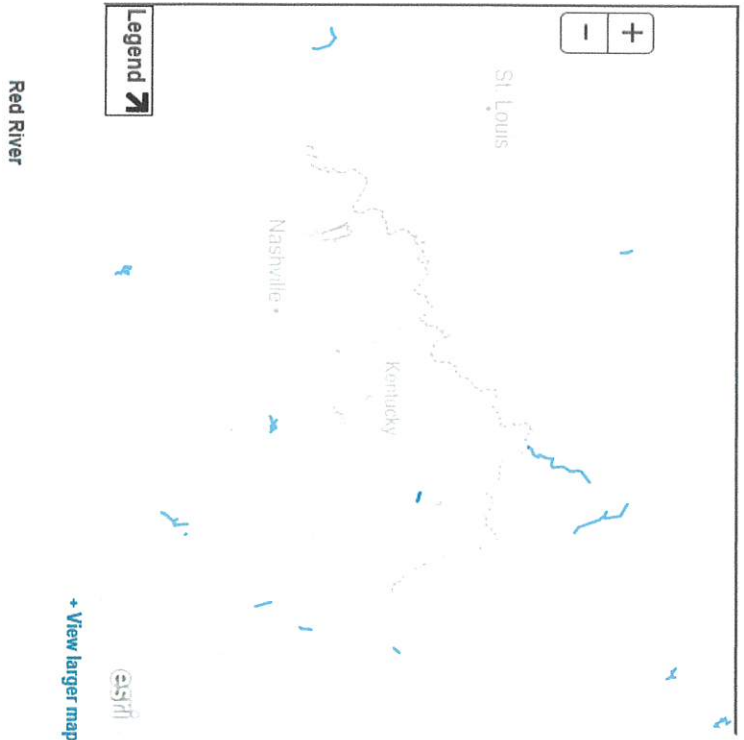


Kentucky has approximately 49,105 miles of river, of which 19.4 miles of one river are designated as wild & scenic—less than 4/100ths of 1% of the state's river miles.



Choose A State
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.



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: City of Hindman-Hindman Waterline Extension Project-SERO 2020-17

Dear Ms. Napier,

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:

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis of the proposed project (including pump curves and its design information etc.) must be submitted to the DOW's Water Infrastructure Branch by a registered professional engineer in Kentucky. The applicant must receive a written approval from the DOW prior to the beginning of the construction. Questions should be directed to Abbas Pourghasemi, Water Infrastructure Branch, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

As the system expands, the need for a second certified distribution operator is even more imperative. Additionally, as of the most recent Sanitary Survey (March 2018), both water purchase contracts were expired and new contracts had not yet been agreed upon. Ensure the maximum contracted monthly water purchase amounts will allow for this expansion. If not already signed, consider including water quality standards at the master meters within the purchase contracts, as well. System received a non-significant deficiency as a result of the aforementioned survey. A response was due June 21, 2018 and has not yet been received by the Division. This must be addressed immediately. The system was also lacking managerial and financial capacity. Therefore, recommendations listed within the Sanitary Survey results letter (dated May 7, 2018), which have not already been implemented, are still highly advised.

An Equal Opportunity Employer M/F/D

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Questions should be directed to Jennifer Taimi, Water Infrastructure Branch, (502) 782-7087, Jennifer.Taimi@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:

Only the Martin Branch portion of the proposed project is within the floodplain. 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:

This proposed project is not within a designated Source Water Protection Area. This proposed project may potentially add approximately 0.016-0.020 Million Gallons per Day (MGD) of water usage demand. Knott County Water and Sewer District should have the capacity to provide the water demand associated with this project for Hindman Municipal Water Works to purchase. Questions should be directed to Chloe Brantley, Watershed Management Branch, (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 no underground storage tank site issues identified within the project impact area. 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.

Superfund Branch records indicate the following superfund site issues identified within the project impact area:

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 4934

CLOSURE OPTION DESC: Option A No Action Necessary

CLOSURE DATE: 04/03/2000

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 14309

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 03/12/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6200

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6202

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 53123

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 10/01/2012

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6189
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14301
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6194
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6186
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14310
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

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

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.

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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

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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 19, 2020

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

RE: City of Hindman-Hindman Waterline Extension 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 Air Quality
- Division of Waste Management
- Division of Water
- Division of Water, Floodplain Management

Any ground disturbance with this project will be in highway right of way and no impacts are anticipated to air quality. 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 : lisa@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Lisa Napier
Lisa Napier

Community and Economic Development Specialist

Project Description

City of Hindman Water Line Extension Project

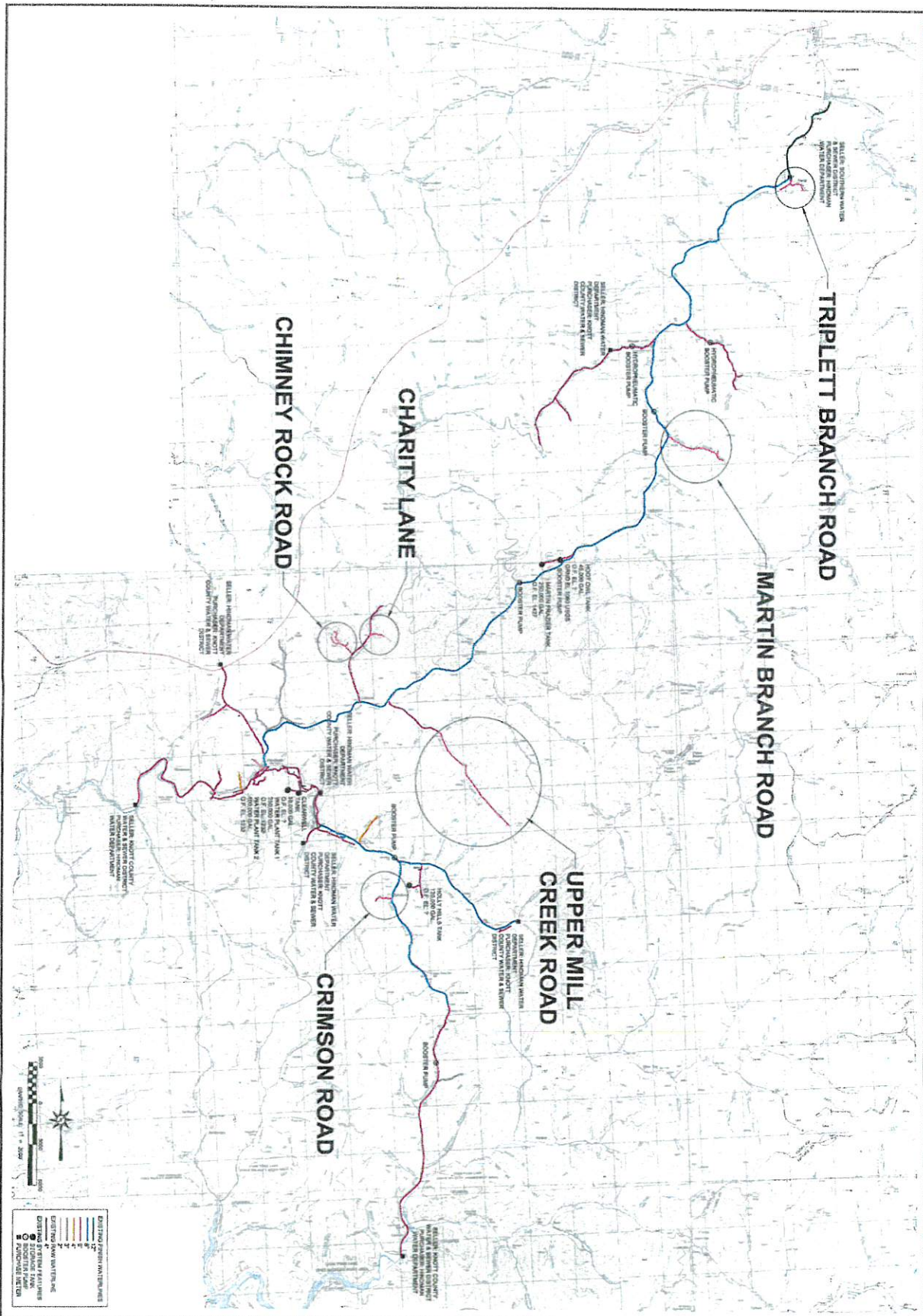
This project will extend water to 68 residences located across six currently unserved roads adjacent to the City of Hindman. Many of these residents are purchasing drinking water due to different circumstances including but not limited to summer droughts and holidays, as well as having polluted well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

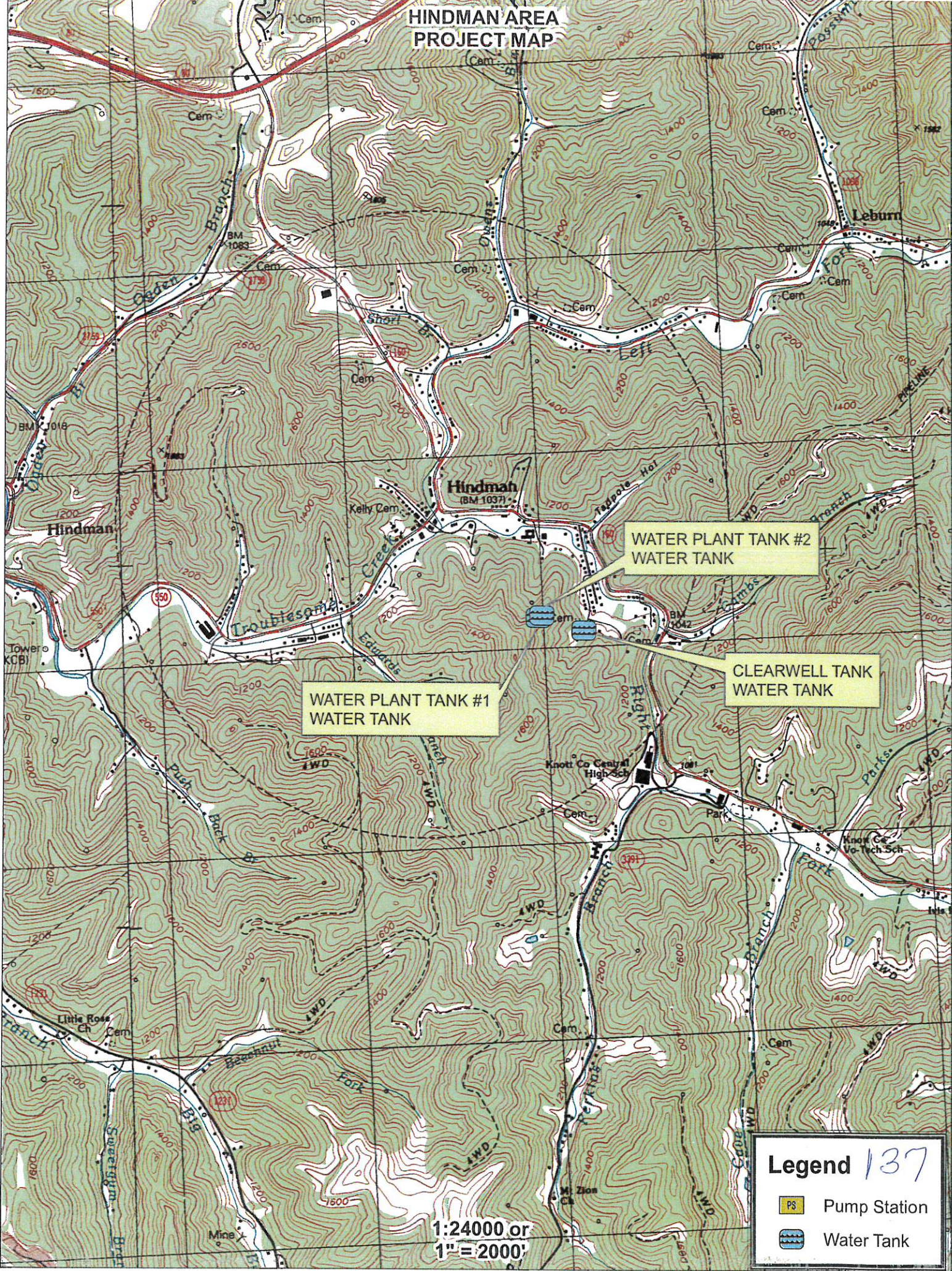


CITY OF HINDMAN
KNOTT COUNTY, KENTUCKY

WATER DISTRIBUTION SYSTEM

1" = 3000'

HINDMAN AREA PROJECT MAP



WATER PLANT TANK #2
WATER TANK

WATER PLANT TANK #1
WATER TANK

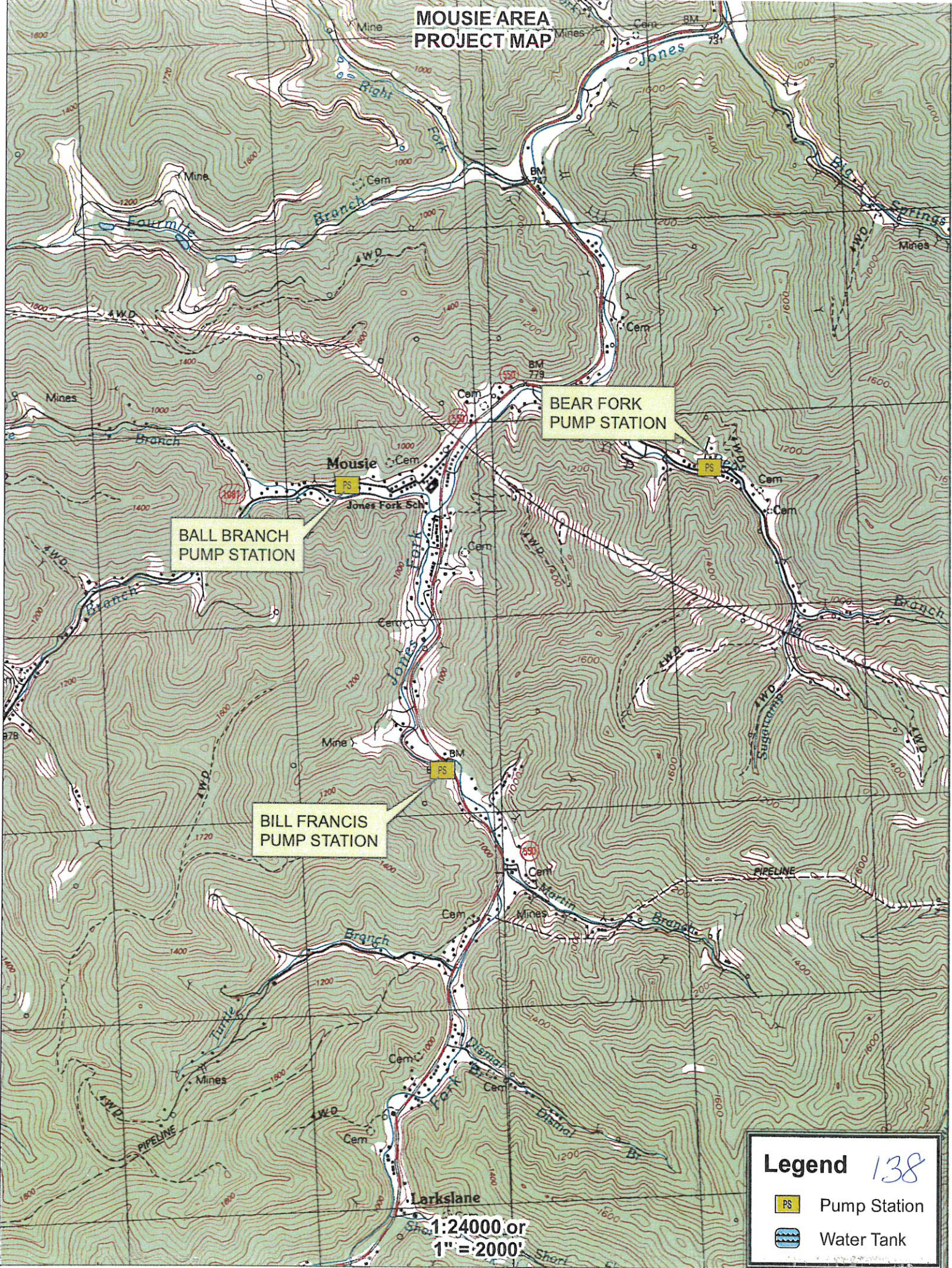
CLEARWELL TANK
WATER TANK

Legend 137

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP





BEAR FORK
PUMP STATION

BALL BRANCH
PUMP STATION

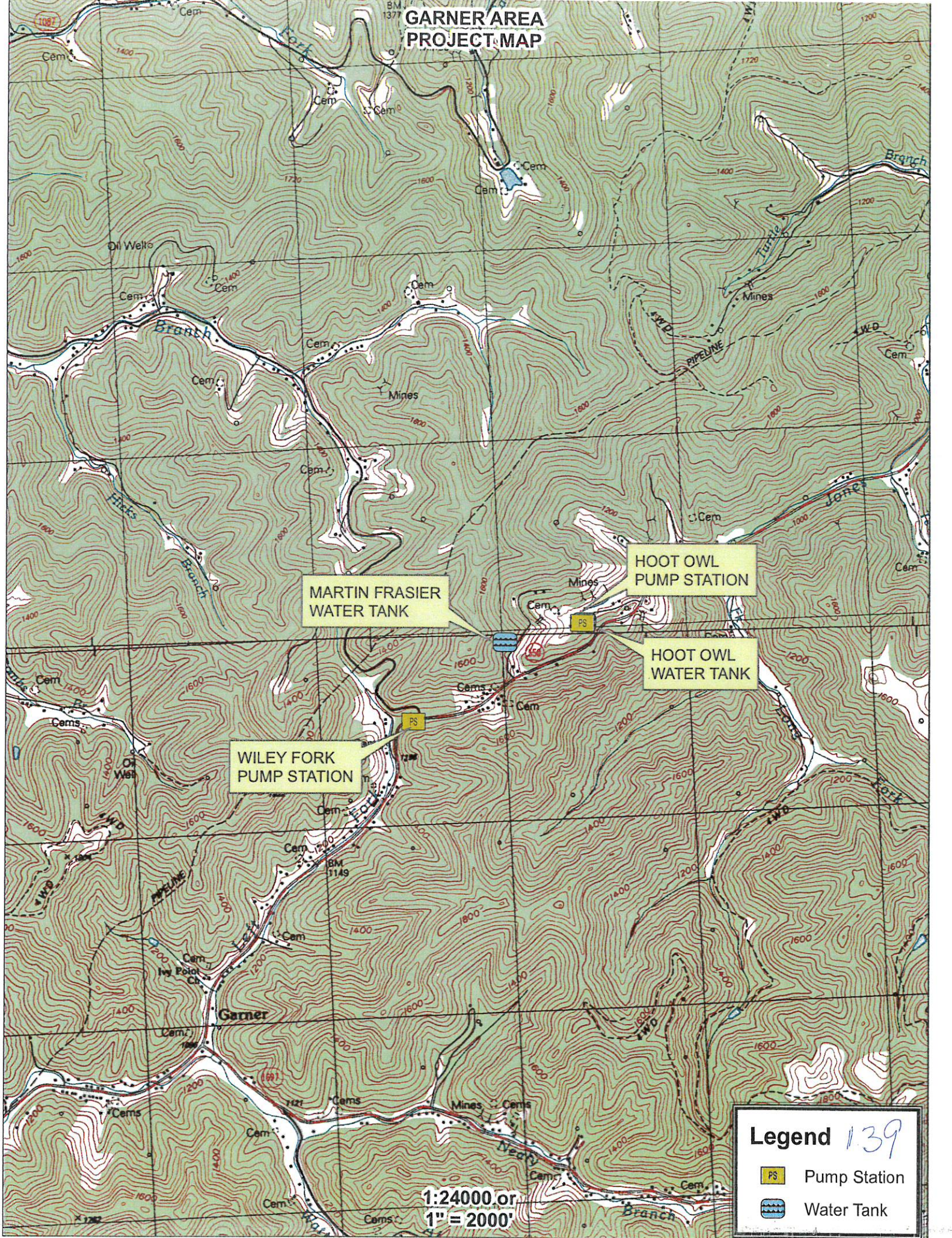
BILL FRANCIS
PUMP STATION

Legend 138

-  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 139

-  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 140

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

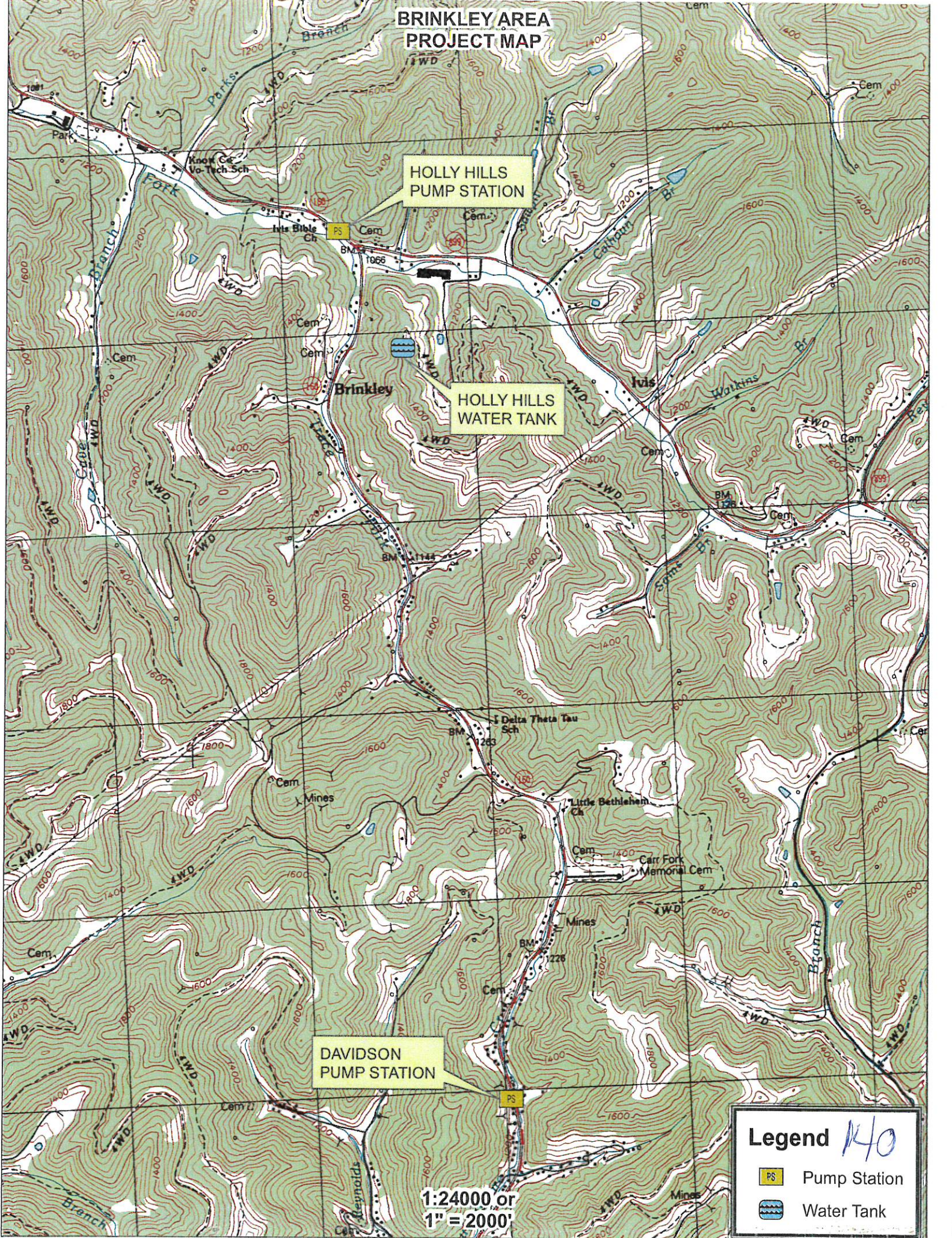


Exhibit 9
Division of Water Correspondence

Classifieds

Troublesome Creek Times

Thursday, April 2, 2020 Page

Floodplains and Wetlands Early Public Notice Activity in a 100-Year Floodplain

To All persons of the City of Hindman, Knott County, Kentucky

This is to give notice that the City of Hindman under 24 CFR Part 5 has completed an examination as required by Executive Order 11988 and on 11991 in accordance with HUD regulations at 24 CFR 55.200 Subpart C. The examination was conducted on 04/01/2020. The examination was conducted to determine the potential effect that any proposed floodplain and wetland will have on the riparian environment for the Hindman-Walden-Herston project. The purpose of this project is to extend water into numerous areas of Knott County, Kentucky, including 498 households along Martin Branch Road, Bangle Branch Road, Glimmer Rock Road, Cannon Road, Upper Mill Road, and Ghany Road will have access to new potable water service. The proposed projects located at multiple locations in the City of Hindman, Knott County, Kentucky.

Written comments must be received by Knott County River Area Development District in the following address on or before April 7, 2020: Knott County River Area Development District, 271 N. Main Street, Hazard, KY 41701. (606) 466-3158. Attention: Lisa Napier, Community and Economic Development Specialist during the hours of 8am to 4:30pm Monday through Friday. Comments may also be submitted via email at lisa@kcrad.org.

Date: April 2, 2020

NOTE: There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the riparian environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about floodplains can educate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions which place a floodplain, it must inform those who may be put at greater or continued risk. 672470-118

PUBLIC NOTICE

NOTICE TO HOMEOWNERS: VILLAGE PARTNERS, JOHN DEERE, RICK VIG, TORIA PERICK, LEARNING, TRIPLE T, GOA, MOCKBEE, JASPER, TIC AND WIL, LIANE, REGAN, WILFRID, BASSIE, VANDY, STEVEN, DAVE AND GOSPER, SUSAN, D. LINK, DOUGLAS ALLEN, JEDY, BILLY AND YEMMA, JEAN, REGAN, BILLY ANN, SCAMATHORN, DEBRA, REGAN, HAMPTON, TAMI, TIGGATE, PAUL, LOVE, TIMOTHY, REGAN, LEE, DEE, KIMMING, COMPANY, LLC, APART, ACHIAN, REALTY COMPANY, WILMINGTON, IRENE, MONTAIN, COALS, CORPORATION, DES

Section 3 Additional Charges

(A) A water connection fee of \$720.00 shall be charged for new customers with 1/2 inch or larger water meter. The customer shall also be required to obtain a water permit from the local Health Department. This permit must be presented to the City of Hindman Water and Sewer Department before hookup will be considered. Meters larger than 1/2 inch shall be at a higher cost.

(B) A deposit in the amount of \$100.00 shall be required for all water customers. Deposits may be waived for a customer showing satisfactory credit or payment history with the following criteria being considered: (1) Previous history with the utility. If a customer has no previous history with the utility, statements from other utilities, bank etc., may be presented by the customer as evidence of good credit. (2) Whether the customer has an established income or line of credit. (3) Length of time the customer has resided or been located in the area. (4) Whether the customer owns the property to be served and (5) Whether another customer with a good payment history is willing to sign as guarantor for an amount equal to the required deposit. When a customer terminates service the deposit will be refunded after the account is paid in full. If the account has a balance the deposit will be applied to account.

(C) A meter turn-on charge of \$35.00 will be assessed for new service turn-ons, seasonal turn-ons, temporary service, or transfer of service. The charge will not be made for maintenance or service where a meter connection (tap-on) charge is applicable.

(D) Customers will be entitled to a maximum of only one water adjustment per year. The customer's adjustment will be based on two components. The first step will be to calculate the customer's average monthly usage over a twelve-month period. The second step will be to deduct the customer's average monthly usage (as calculated above) from the total amount of water that passed through the meter. The average customer's step-one will be billed at the utility's regular rates. While the remaining usage will be charged at the per thousand gallon wholesale rate charged by our supplier at a 40% cost charge. All water passing through the meter must be accounted and paid for by the customer. Therefore, the customer will owe the amount of their bill plus the leak adjustment rate for the remainder of the water that passed through the meter.

(E) All customers who do not pay their bill after being provided with a cut-off notice will be disconnected and a reconnection fee of \$35.00 must be paid before they can be reconnected. Reconnection shall be made during normal business hours within 24 hours of our receiving payment. If a customer requests that their meter be reconnected all hours of our weekends the service charge will be \$75.00.

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or requests for a permit conference must be filed at 687-4/23:4**:b

NOTICE OF INTENTION TO MINE

Pursuant to Application Number 860-8020, Renewal #6

In accordance with KRS 350.055, notice is hereby given that Kentucky Fuel Corporation, P.O. Box 2178, Beaver, WV 25813 has applied for a renewal to an existing prep plant processing facility located 1.00 miles northeast of Mousie in Knott County, Kentucky. The proposed operation will disturb approximately 95.81 acres.

The operation is located approximately 0.75 miles west from Dry Fork Road's junction with KY Route 550 and located near the confluence of Fournite Branch and the Right Fork of Fournite Branch. The operation is located on the Handshoe and Wayland U.S.G.S. 7 1/2 minute quadrangle maps.

The surface area proposed under this renewal application is owned by Kentucky Fuel Corporation.

The renewal application has been filed for public inspection at the Department for Natural Resources, Hazard Regional Office, 556 Village Lane, Hazard, Kentucky 41701. Written comments or objections must be filed with the Director, Division of Mine Permits, 300 Sower Blvd, 2nd Floor, Frankfort, Kentucky 40601-4321 686-4/23:4**:b

Date Closed: May 7, 2020
Official Title of Position: 9-12 Math Teacher
Job Location: Cordia School
Salary Range: According to Salary Schedule
Contact Person: Kim King, Supt. 785-3153
Brief Job Description: Available upon request
Minimum Requirements: Clear & satisfactory criminal records check
Negative Drug Screen: KDE Certificate; Immediate availability
Additional Job Requirements: As assigned by Kim King, Superintendent
Applicant must submit an updated, signed application to the Superintendent of the Knott County Board of Education no later than 4 p.m. May 7, 2020, to be considered for an interview.
 Applicant will be notified for an interview as soon as arrangements have been completed. The Knott County Board of Education does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or handicap in employment, educational programs, or activities as set forth in Title IX & VI & in Section 504. 690-4/23:2:b

JOB POSTING

Knott County Board of Education
 Kim W. King, Superintendent
 Hindman, Kentucky 41822
 785-3153

Date Opened: April 22, 2020
Date Closed: May 7, 2020
Official Title of Position: Primary K-5 Teacher
Job Location: Cordia School
Salary Range: According to Salary Schedule
Contact Person: Kim King, Supt. 785-3153
Brief Job Description: Available upon request
Minimum Requirements: Clear & satisfactory criminal records check
Negative Drug Screen: KDE Certificate; Immediate availability
Additional Job Requirements: As assigned by Kim King, Superintendent
Applicant must submit an updated, signed application to the Superintendent of the Knott County Board of Education no later than 4 p.m. May 7, 2020, to be considered for an interview.
 Applicant will be notified for an interview as soon as arrangements have been completed. The Knott County Board of Education does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or handicap in employment, educational programs, or activities as set forth in Title IX & VI & in Section 504. 689-4/23:2:b

Floodplain and Wetland Notice of Explanation Activity in a 100-Year Floodplain

To: All interested Agencies all Federal, State, and Local Groups and Individuals

This is to give notice that the City of Hindman under 24 CFR Part 58 has conducted an evaluation as required by Executive Order 11988 and/or 11990, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its project in the floodplain and wetland will have on the human environment for Hindman Waterline Extension Project under WYX2119011. The proposed project is located at multiple locations in the City of Hindman, Knott County, Kentucky. The purpose of this project is to 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 City of Hindman has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values: The City of Hindman evaluated alternatives. The first option was to phase the project into two separate phases. This option was not feasible due to budget limits. The second option was to allow KRCWSD to serve customers. This option was not feasible due to the increased project costs due to adding interconnect meters. The third option was to construct project as designed. Part of the project may be in the 100-year floodplain as designated by the September 16, 2015 FEMA Floodplain Maps; with very minimal impacts to the floodplain areas.

The City of Hindman has re-evaluated the alternatives to building in the floodplain and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of [Executive Order 11988 and/or 11990], are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments. This activity will have no significant impact on the environment for the following reasons:

The construction of the Hindman Waterline Extension Project in the floodplain areas will disturb very minimal surface area during construction. The construction of the project involves installation of two (2) new hydropneumatics pump stations and 21,950 LF (19,450 LF on 4" PVC and 2500 LF of 2" PVC) new water lines will be installed. Telemetry will be installed on the two hydropneumatics pump stations as well as upgrading the SCADA system wide on all existing tanks and pump stations as the system has become obsolete. Once completed the project will not impede the floodplain. This is the most economical and least environmentally impacting alternative considered.

Written comments must be received by the Kentucky River Area Development District at the following address on or before May 15, 2020: Kentucky River Area Development District, 941 North Main Street Hazard, KY 41701 and (606) 436-3158. Attention: Lisa Napier, Community and Economic Development Specialist, during the hours of 8am-4:30pm Monday through Friday. Comments may also be submitted via email at lisa@kradd.org. 696-4/30:11:b



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: City of Hindman-Hindman Waterline Extension Project-SERO 2020-17

Dear Ms. Napier,

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:

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis of the proposed project (including pump curves and its design information etc.) must be submitted to the DOW's Water Infrastructure Branch by a registered professional engineer in Kentucky. The applicant must receive a written approval from the DOW prior to the beginning of the construction. Questions should be directed to Abbas Pourghasemi, Water Infrastructure Branch, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

As the system expands, the need for a second certified distribution operator is even more imperative. Additionally, as of the most recent Sanitary Survey (March 2018), both water purchase contracts were expired and new contracts had not yet been agreed upon. Ensure the maximum contracted monthly water purchase amounts will allow for this expansion. If not already signed, consider including water quality standards at the master meters within the purchase contracts, as well. System received a non-significant deficiency as a result of the aforementioned survey. A response was due June 21, 2018 and has not yet been received by the Division. This must be addressed immediately. The system was also lacking managerial and financial capacity. Therefore, recommendations listed within the Sanitary Survey results letter (dated May 7, 2018), which have not already been implemented, are still highly advised.

An Equal Opportunity Employer M/F/D

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Questions should be directed to Jennifer Taimi, Water Infrastructure Branch, (502) 782-7087, Jennifer.Taimi@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:

Only the Martin Branch portion of the proposed project is within the floodplain. 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:

This proposed project is not within a designated Source Water Protection Area. This proposed project may potentially add approximately 0.016-0.020 Million Gallons per Day (MGD) of water usage demand. Knott County Water and Sewer District should have the capacity to provide the water demand associated with this project for Hindman Municipal Water Works to purchase. Questions should be directed to Chloe Brantley, Watershed Management Branch, (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 no underground storage tank site issues identified within the project impact area. 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.

Superfund Branch records indicate the following superfund site issues identified within the project impact area:

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 4934

CLOSURE OPTION DESC: Option A No Action Necessary

CLOSURE DATE: 04/03/2000

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 14309

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 03/12/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6200

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6202

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 53123

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 10/01/2012

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6189
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14301
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6194
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6186
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14310
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

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

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
DEVELOPMENT
DISTRICT

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

May 19, 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
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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.

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Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
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Ray D. Moore
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Larry Perkins
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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)

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

RE: City of Hindman-Hindman Waterline Extension 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 Air Quality
- Division of Waste Management
- **Division of Water**
- Division of Water, Floodplain Management

Any ground disturbance with this project will be in highway right of way and no impacts are anticipated to air quality. 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 : lisa@kradd.org.

Thank you, for your time and assistance.

Sincerely,

Lisa Napier
Community and Economic Development Specialist

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Project Description

City of Hindman Water Line Extension Project

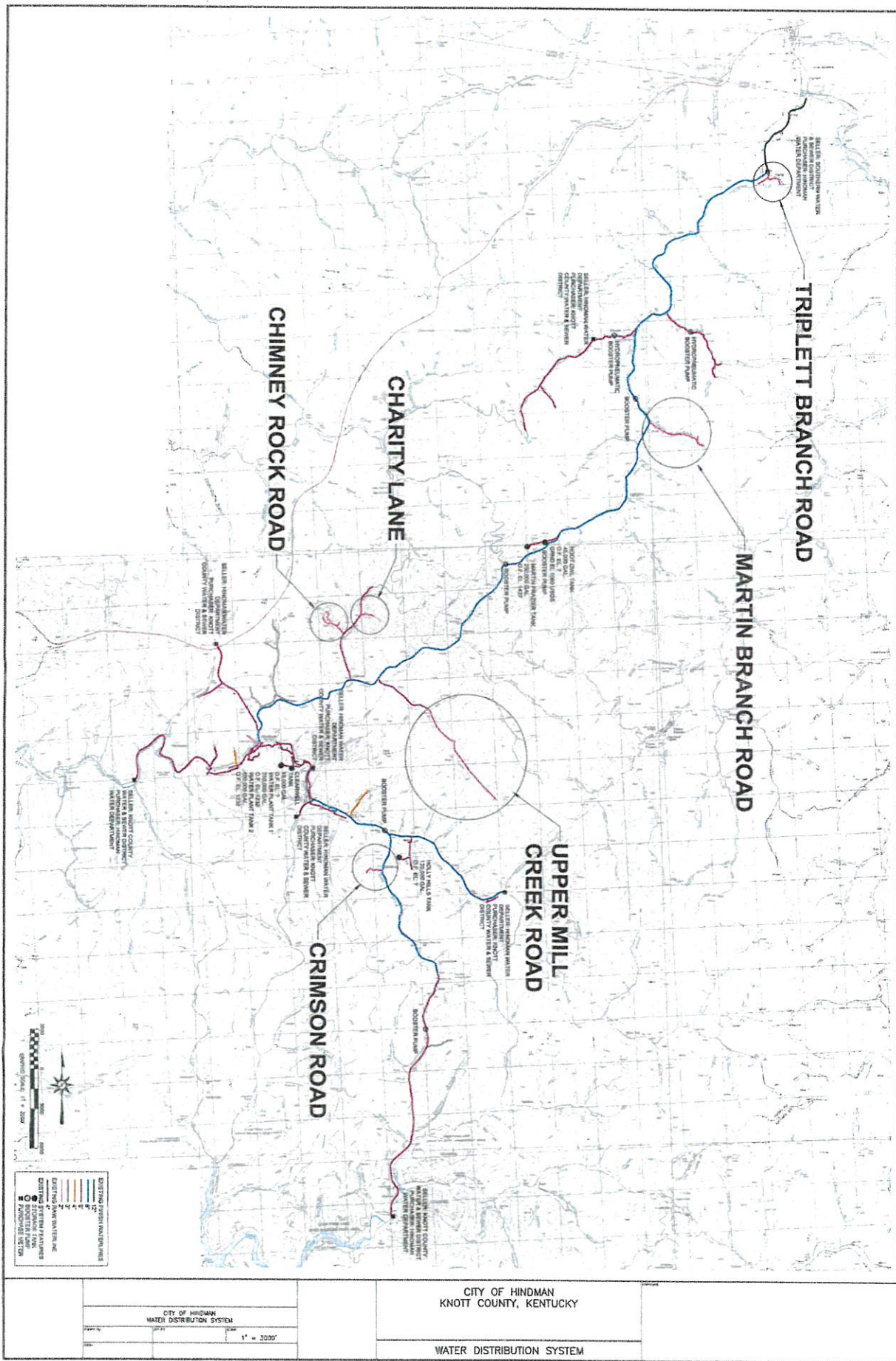
This project will extend water to 68 residences located across six currently unserved roads adjacent to the City of Hindman. Many of these residents are purchasing drinking water due to different circumstances including but not limited to summer droughts and holidays, as well as having polluted well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



EXISTING WATER DISTRIBUTION LINES

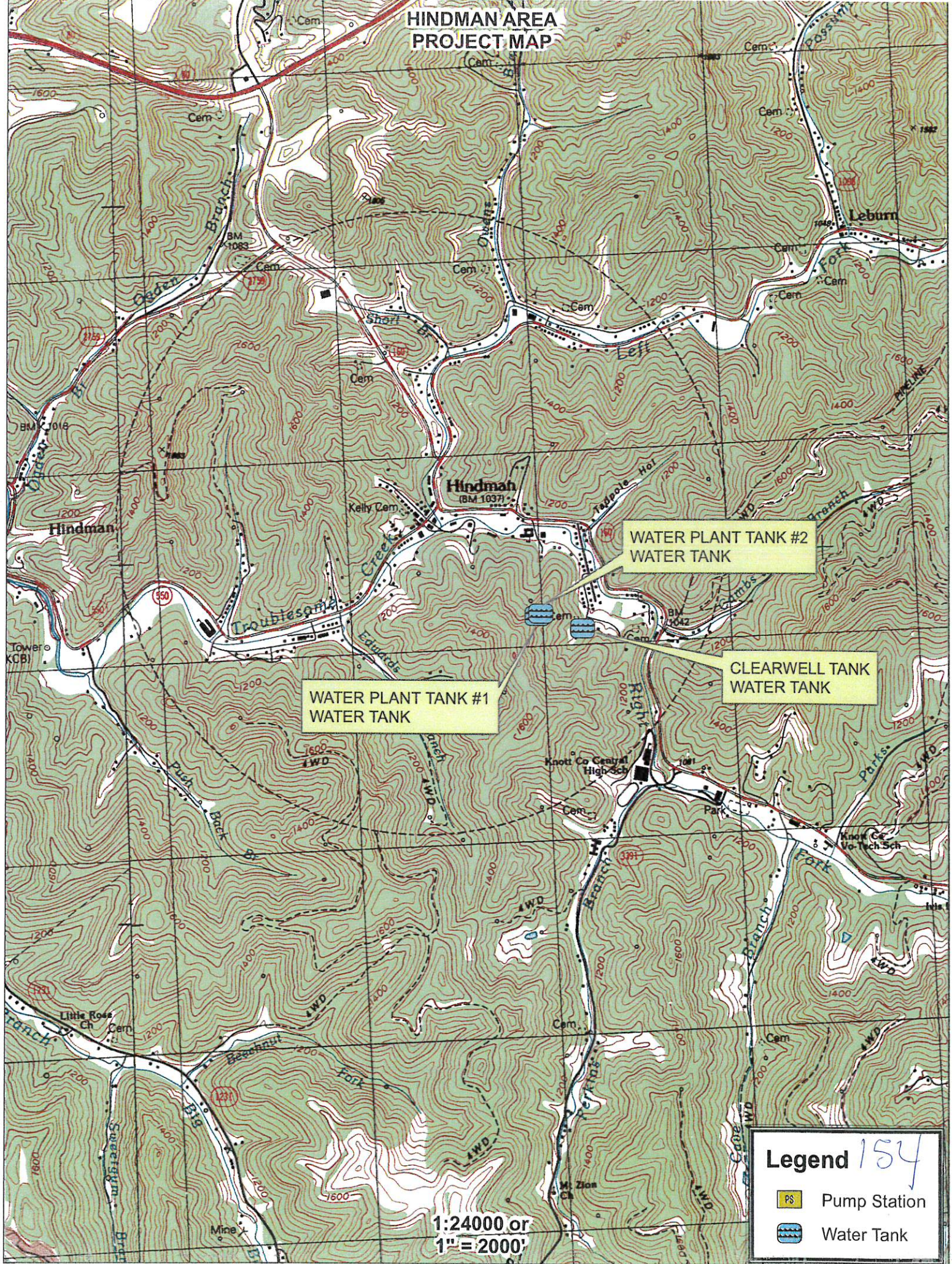
- 12" - 18" WATER MAINS
- 24" - 36" WATER MAINS
- 48" - 60" WATER MAINS
- 84" - 96" WATER MAINS
- 120" - 144" WATER MAINS
- 180" - 216" WATER MAINS
- 240" - 300" WATER MAINS
- 360" - 420" WATER MAINS
- 480" - 540" WATER MAINS
- 600" - 720" WATER MAINS
- 840" - 960" WATER MAINS
- 1080" - 1260" WATER MAINS
- 1440" - 1680" WATER MAINS
- 1800" - 2160" WATER MAINS
- 2160" - 2520" WATER MAINS
- 2520" - 3000" WATER MAINS
- 3000" - 3600" WATER MAINS
- 3600" - 4200" WATER MAINS
- 4200" - 4800" WATER MAINS
- 4800" - 5400" WATER MAINS
- 5400" - 6000" WATER MAINS
- 6000" - 6600" WATER MAINS
- 6600" - 7200" WATER MAINS
- 7200" - 7800" WATER MAINS
- 7800" - 8400" WATER MAINS
- 8400" - 9000" WATER MAINS
- 9000" - 9600" WATER MAINS
- 9600" - 10200" WATER MAINS
- 10200" - 10800" WATER MAINS
- 10800" - 11400" WATER MAINS
- 11400" - 12000" WATER MAINS
- 12000" - 12600" WATER MAINS
- 12600" - 13200" WATER MAINS
- 13200" - 13800" WATER MAINS
- 13800" - 14400" WATER MAINS
- 14400" - 15000" WATER MAINS
- 15000" - 15600" WATER MAINS
- 15600" - 16200" WATER MAINS
- 16200" - 16800" WATER MAINS
- 16800" - 17400" WATER MAINS
- 17400" - 18000" WATER MAINS
- 18000" - 18600" WATER MAINS
- 18600" - 19200" WATER MAINS
- 19200" - 19800" WATER MAINS
- 19800" - 20400" WATER MAINS
- 20400" - 21000" WATER MAINS
- 21000" - 21600" WATER MAINS
- 21600" - 22200" WATER MAINS
- 22200" - 22800" WATER MAINS
- 22800" - 23400" WATER MAINS
- 23400" - 24000" WATER MAINS
- 24000" - 24600" WATER MAINS
- 24600" - 25200" WATER MAINS
- 25200" - 25800" WATER MAINS
- 25800" - 26400" WATER MAINS
- 26400" - 27000" WATER MAINS
- 27000" - 27600" WATER MAINS
- 27600" - 28200" WATER MAINS
- 28200" - 28800" WATER MAINS
- 28800" - 29400" WATER MAINS
- 29400" - 30000" WATER MAINS

CITY OF HINDMAN
WATER DISTRIBUTION SYSTEM

CITY OF HINDMAN
KNOTT COUNTY, KENTUCKY

WATER DISTRIBUTION SYSTEM

HINDMAN AREA PROJECT MAP



WATER PLANT TANK #1
WATER TANK

WATER PLANT TANK #2
WATER TANK

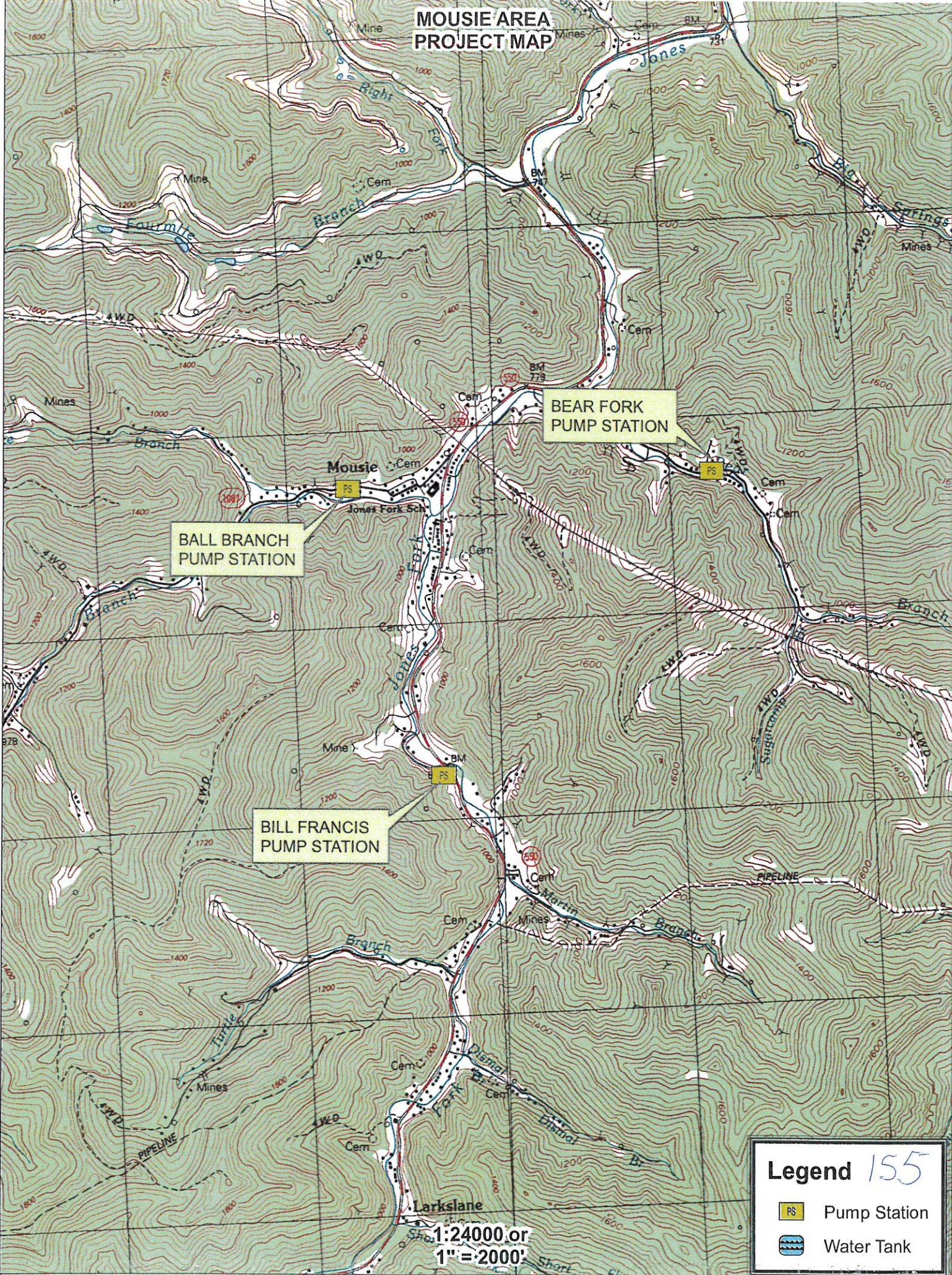
CLEARWELL TANK
WATER TANK

Legend 154

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP





BALL BRANCH
PUMP STATION

BEAR FORK
PUMP STATION

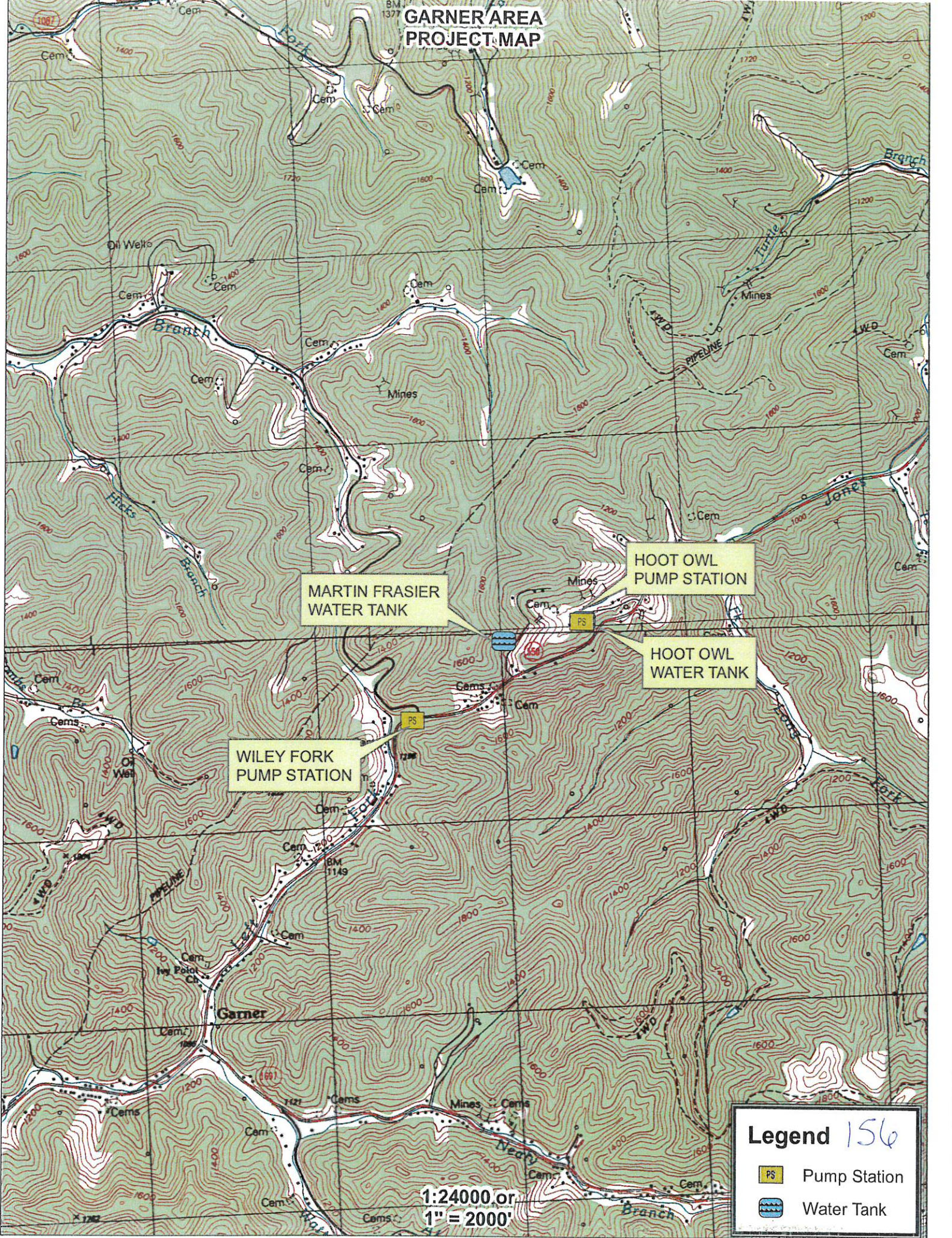
BILL FRANCIS
PUMP STATION

Legend 155

-  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 156

- PS Pump Station
- Water Tank

1:24000 or
1" = 2000'



BRINKLEY AREA PROJECT MAP

HOLLY HILLS
PUMP STATION

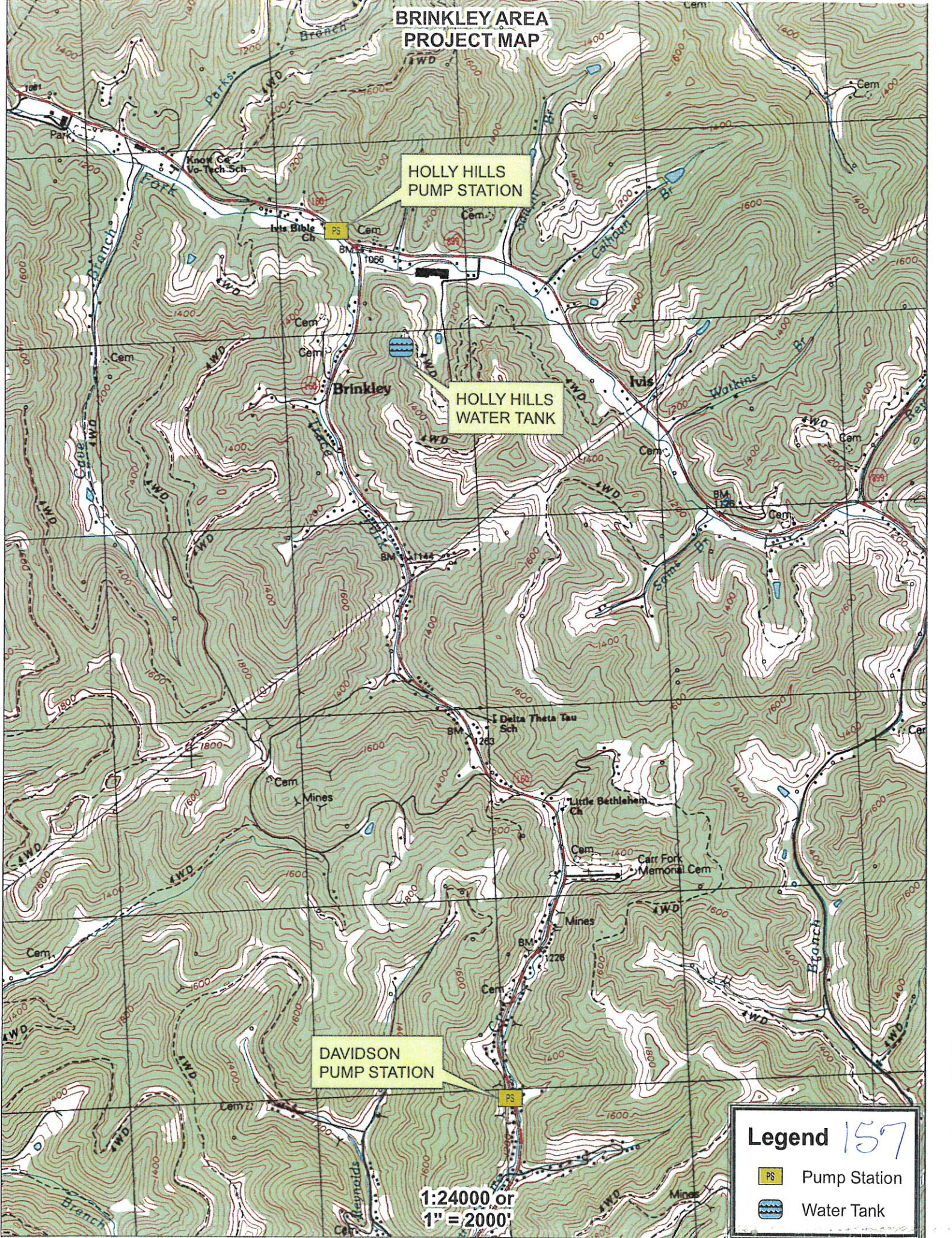
HOLLY HILLS
WATER TANK

DAVIDSON
PUMP STATION

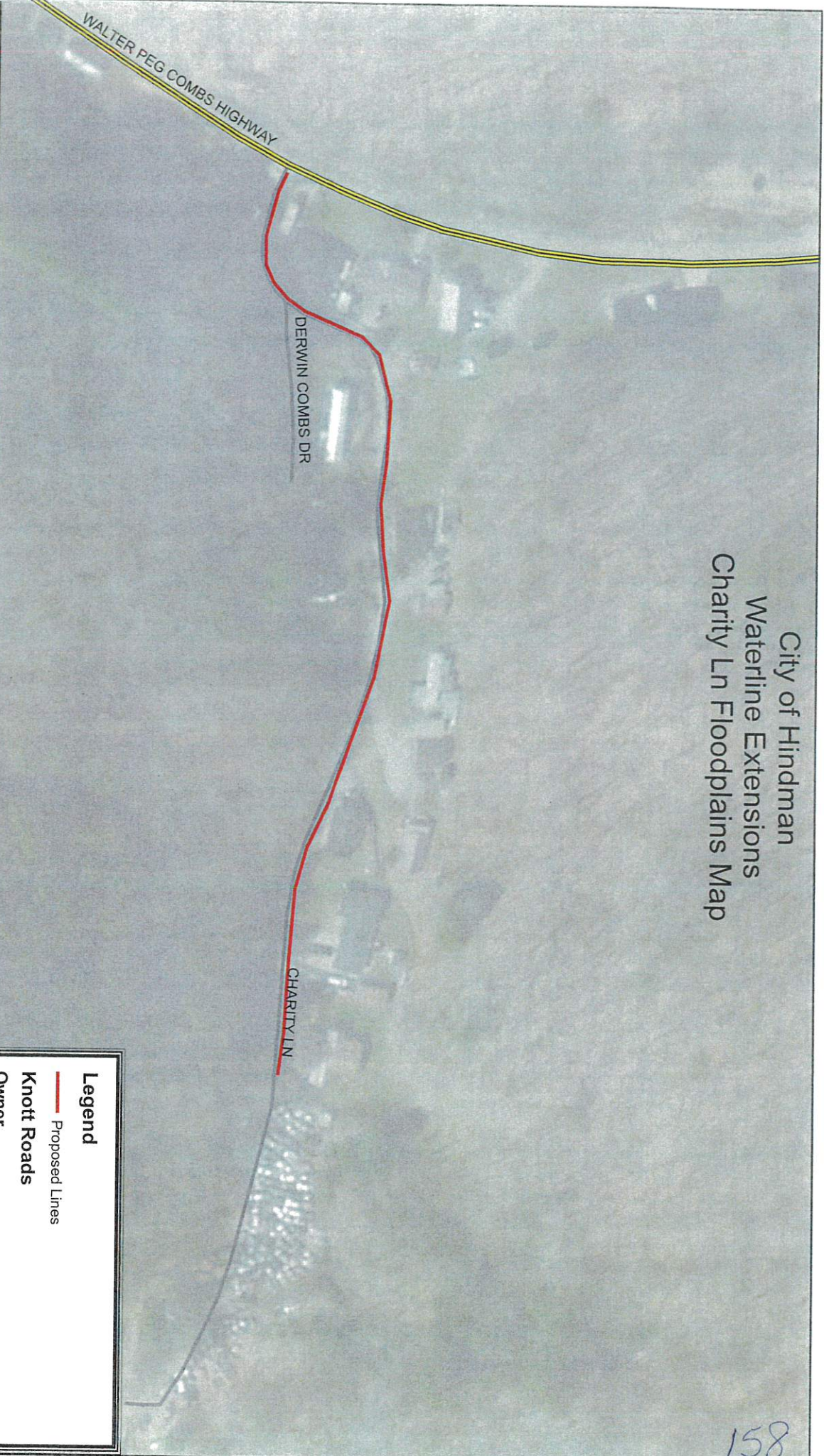
Legend 157

-  Pump Station
-  Water Tank








1:24000 or
1" = 2000'



City of Hindman Waterline Extensions Charity Ln Floodplains Map

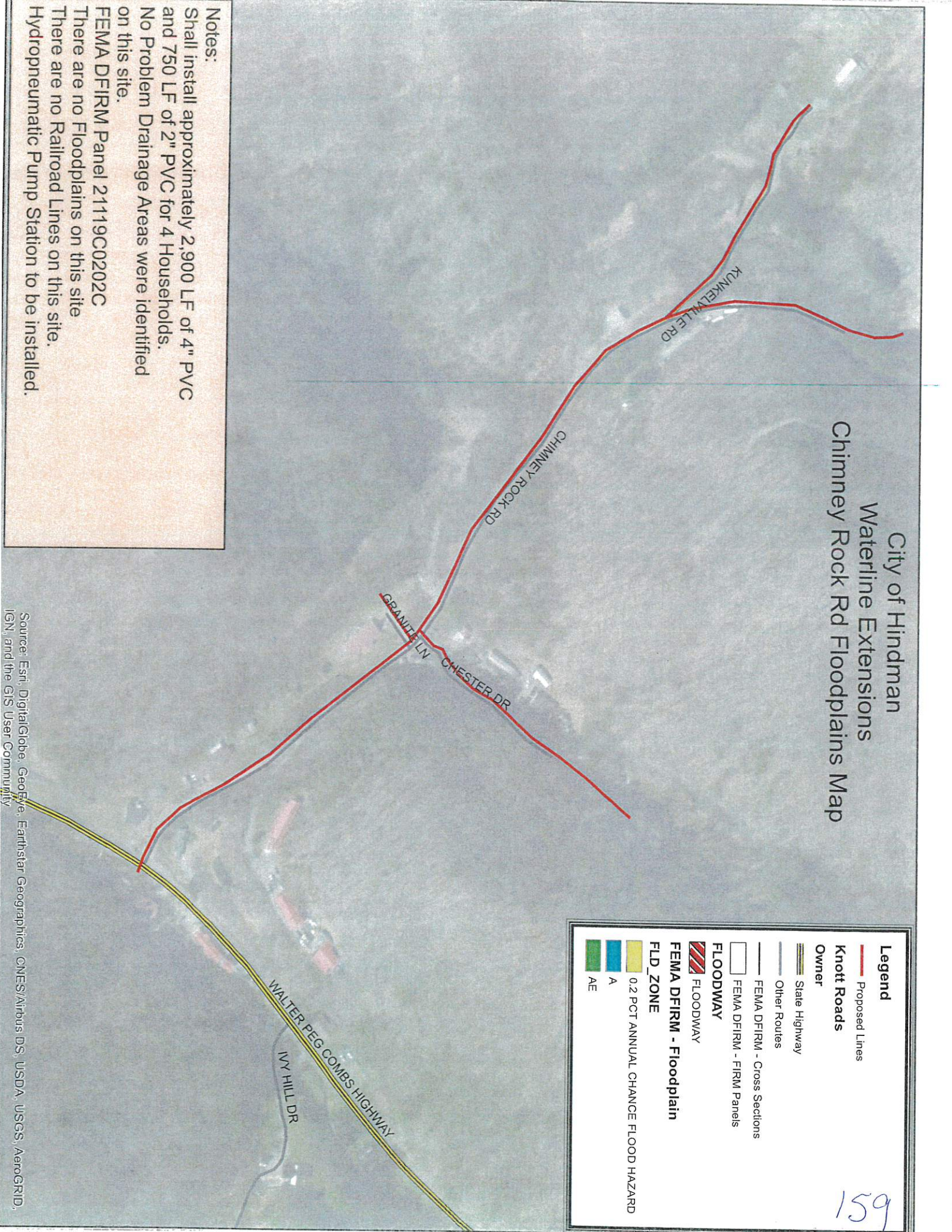


Notes:
 Shall install approximately 650 LF of 4" PVC and 250 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0202C
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
FLOODWAY	
	FLOODWAY
FEMA DFIRM - Floodplain	
FLD_ZONE	
	0.2 PCT ANNUAL CHANCE FLOOD HAZARD
	A
	AE

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

City of Hindman Waterline Extensions Chimney Rock Rd Floodplains Map



Legend

- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- FEMA DFIRM - Cross Sections
- FEMA DFIRM - FIRM Panels
- FLOODWAY**
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

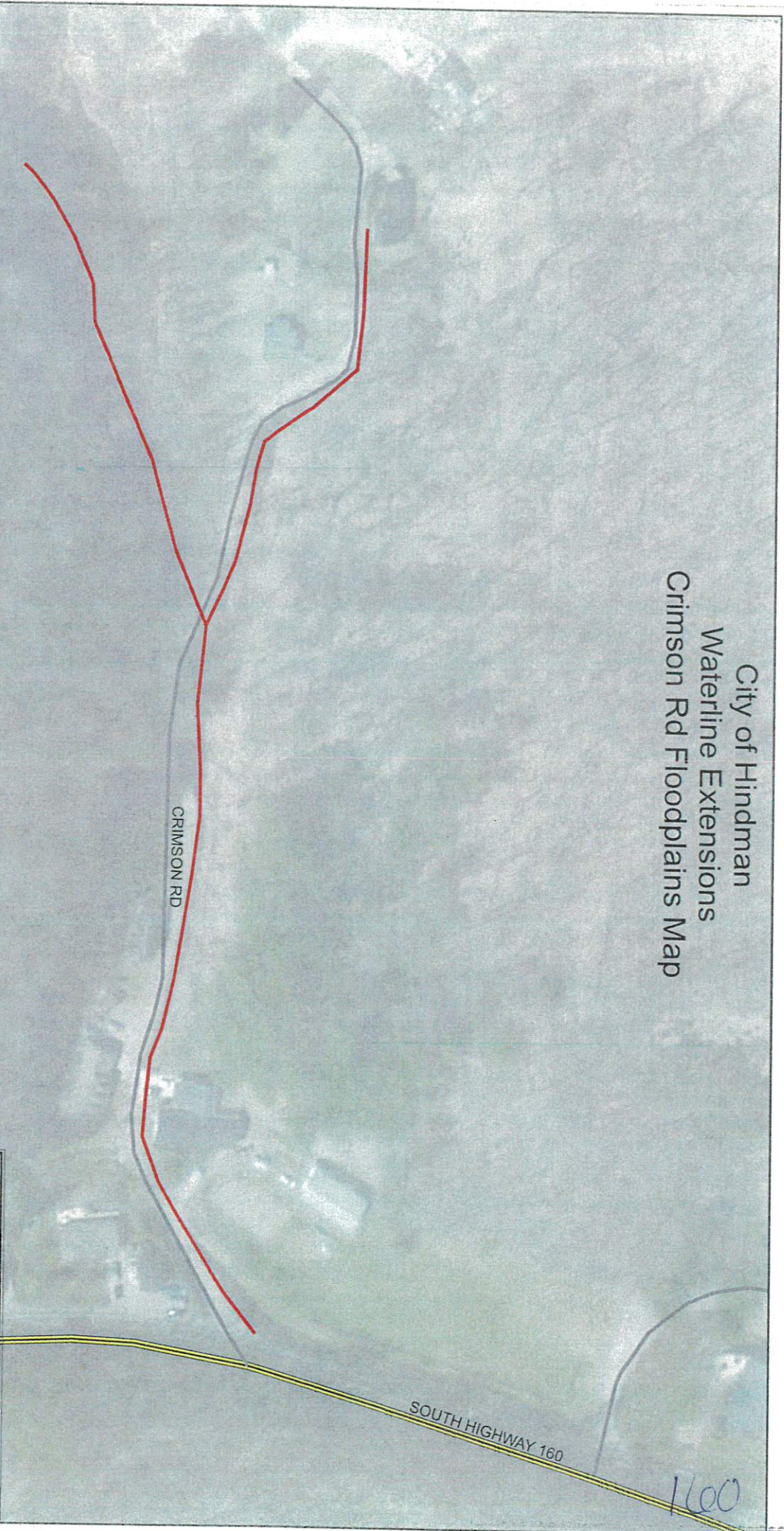
159

Notes:

Shall install approximately 2,900 LF of 4" PVC and 750 LF of 2" PVC for 4 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0202C
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

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

City of Hindman
 Waterline Extensions
 Crimson Rd Floodplains Map



Notes:

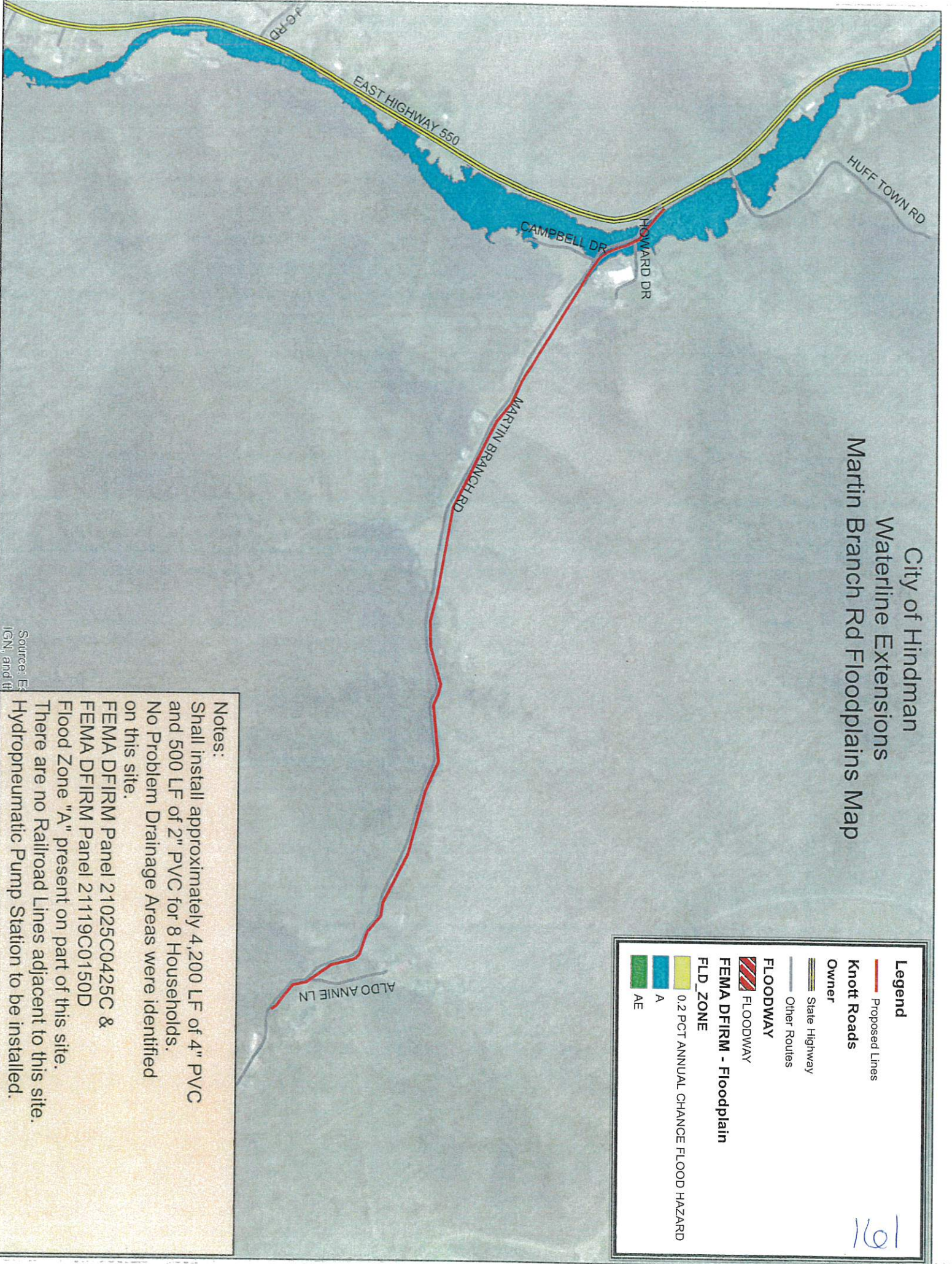
Shall install approximately 1,200 LF of 4" PVC and 250 LF of 2" PVC for 7 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0225D
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geograph
 IGN, and the GIS User Community

Legend

- Proposed Lines
- Knott Roads**
- State Highway
- Other Routes
- Owner**
- FLOODWAY
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE
- A
- AE

City of Hindman Waterline Extensions Martin Branch Rd Floodplains Map



Legend

- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- FLOODWAY**
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

161

Notes:

Shall install approximately 4,200 LF of 4" PVC and 500 LF of 2" PVC for 8 Households.

No Problem Drainage Areas were identified on this site.

FEMA DFIRM Panel 21025C0425C & FEMA DFIRM Panel 21119C0150D Flood Zone "A" present on part of this site.

There are no Railroad Lines adjacent to this site.

Hydropneumatic Pump Station to be installed.

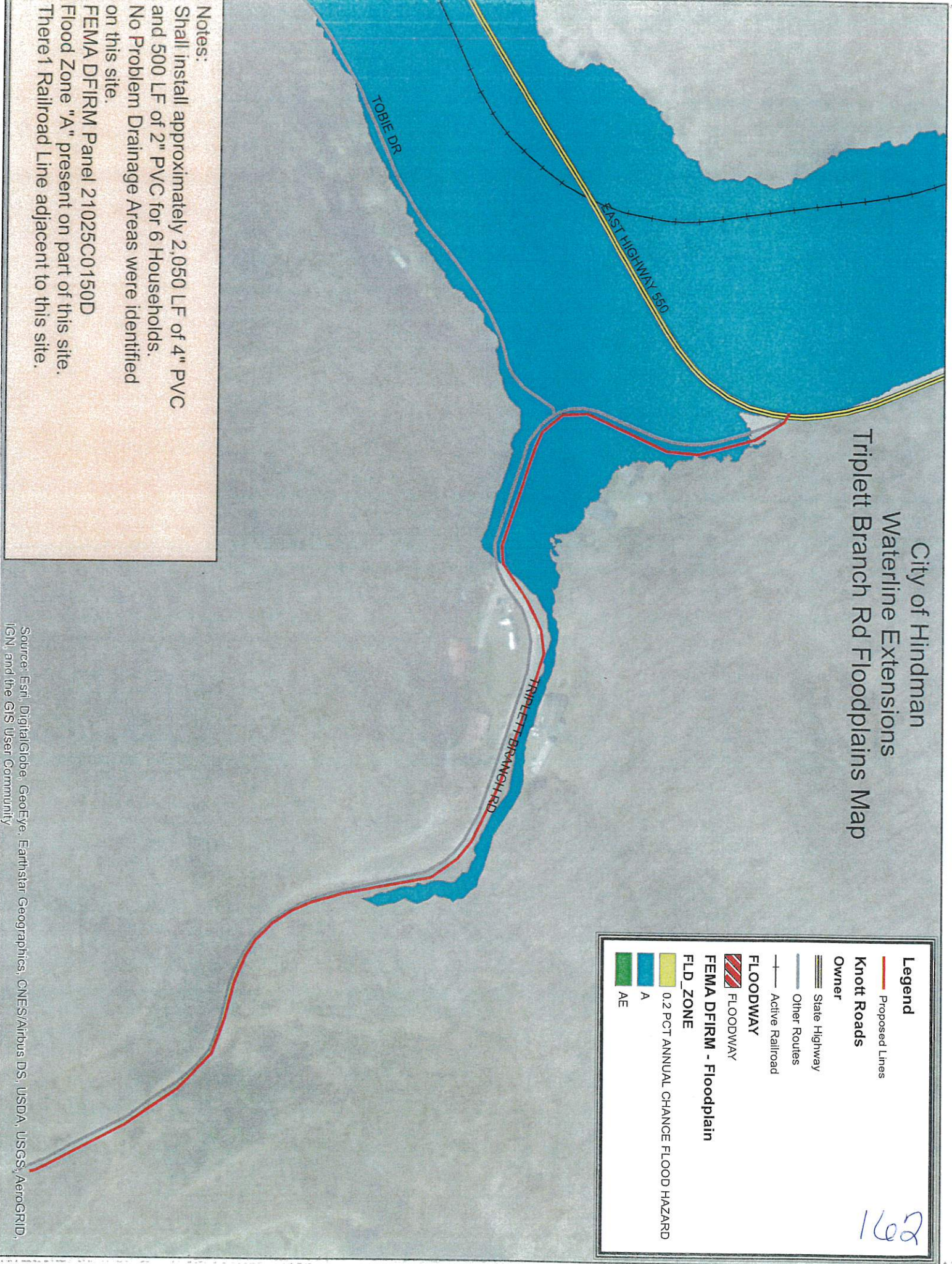
Source: Esri, IGN, and the

City of Hindman
 Waterline Extensions
 Triplett Branch Rd Floodplains Map

162

Legend

- Proposed Lines
- Knott Roads
- Owner
- State Highway
- Other Routes
- Active Railroad
- FLOODWAY
- FLOODWAY
- FEMA DFIRM - Floodplain
- FLD_ZONE
- 0.2 PCT ANNUAL CHANGE FLOOD HAZARD
- A
- AE



Notes:
 Shall install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21025C0150D
 Flood Zone "A" present on part of this site.
 There 1 Railroad Line adjacent to this site.

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

City of Hindman Waterline Extensions Upper Mill Creek Rd Site Plan Map

Legend

- Proposed Lines
- Knott Roads
- Owner
- State Highway
- Other Routes
- FLOODWAY
- FLOODWAY
- FEMA DFIRM - Floodplain
- FLD_ZONE
- 0.2 PCT ANNUAL CHANGE FLOOD HAZARD
- A
- AE

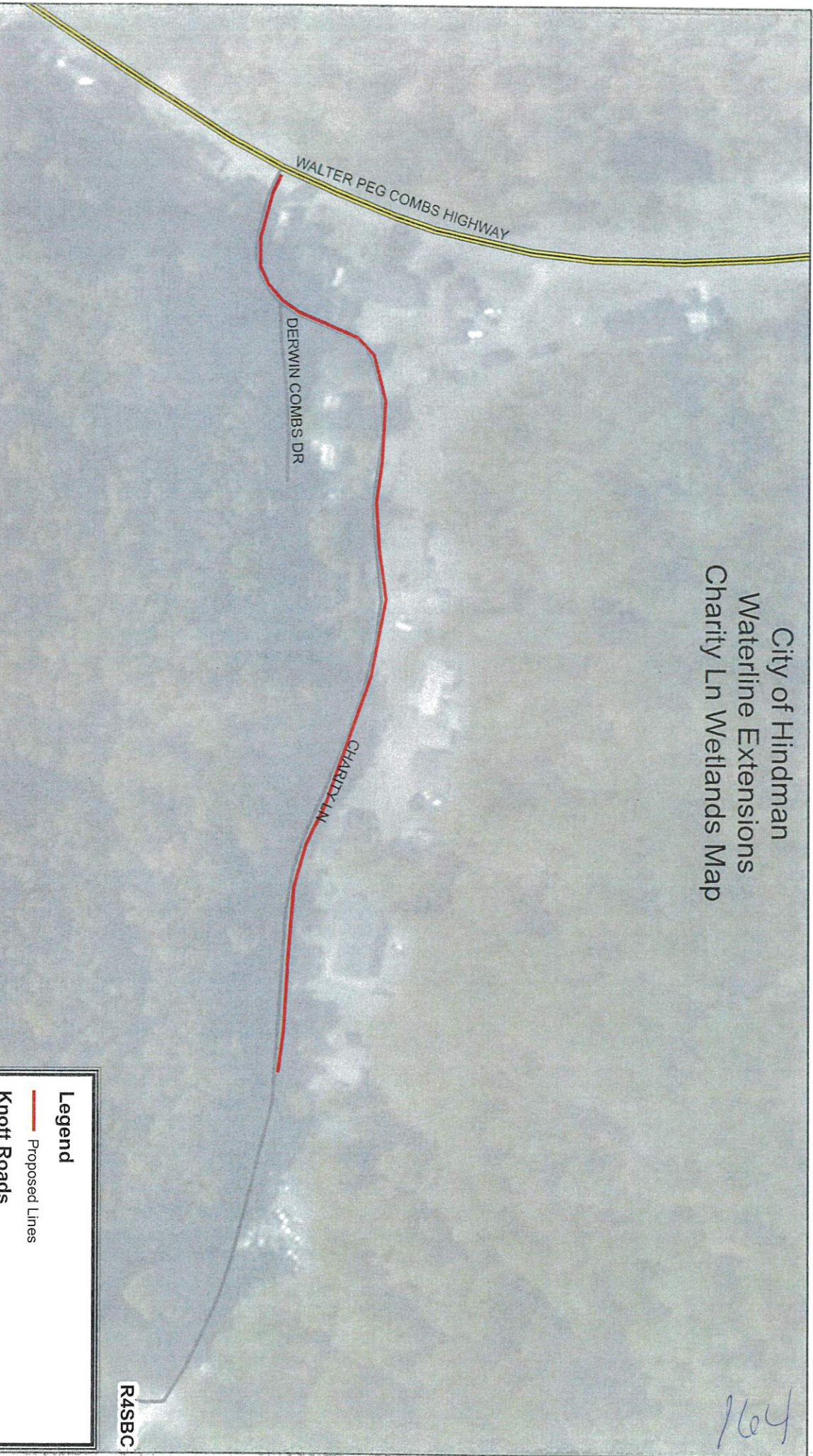
163

Notes:
 Shall install approximately 8,450 LF of 4" PVC and 250 LF of 2" PVC for 15 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0225D
 There are no Floodplains on this site
 There are no Railroad Lines on this site.

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

City of Hindman
 Waterline Extensions
 Charity Ln Wetlands Map

1604



WALTER PEG COMBS HIGHWAY

DERWIN COMBS DR

CHARITY LN

R4SBC

Legend

— Proposed Lines

Knott Roads

Owner

— State Highway

— Other Routes

National Wetland Inventory Polygons

WETLAND_TYPE

— Freshwater Emergent Wetland

— Freshwater Forested/Shrub Wetland

— Freshwater Pond

— Lake

Notes:

Shall install approximately 650 LF of 4" PVC and 250 LF of 2" PVC for 6 Households.

No Problem Drainage Areas were identified on this site.

There are no Floodplains on this site
 There are no Railroad Lines on this site.

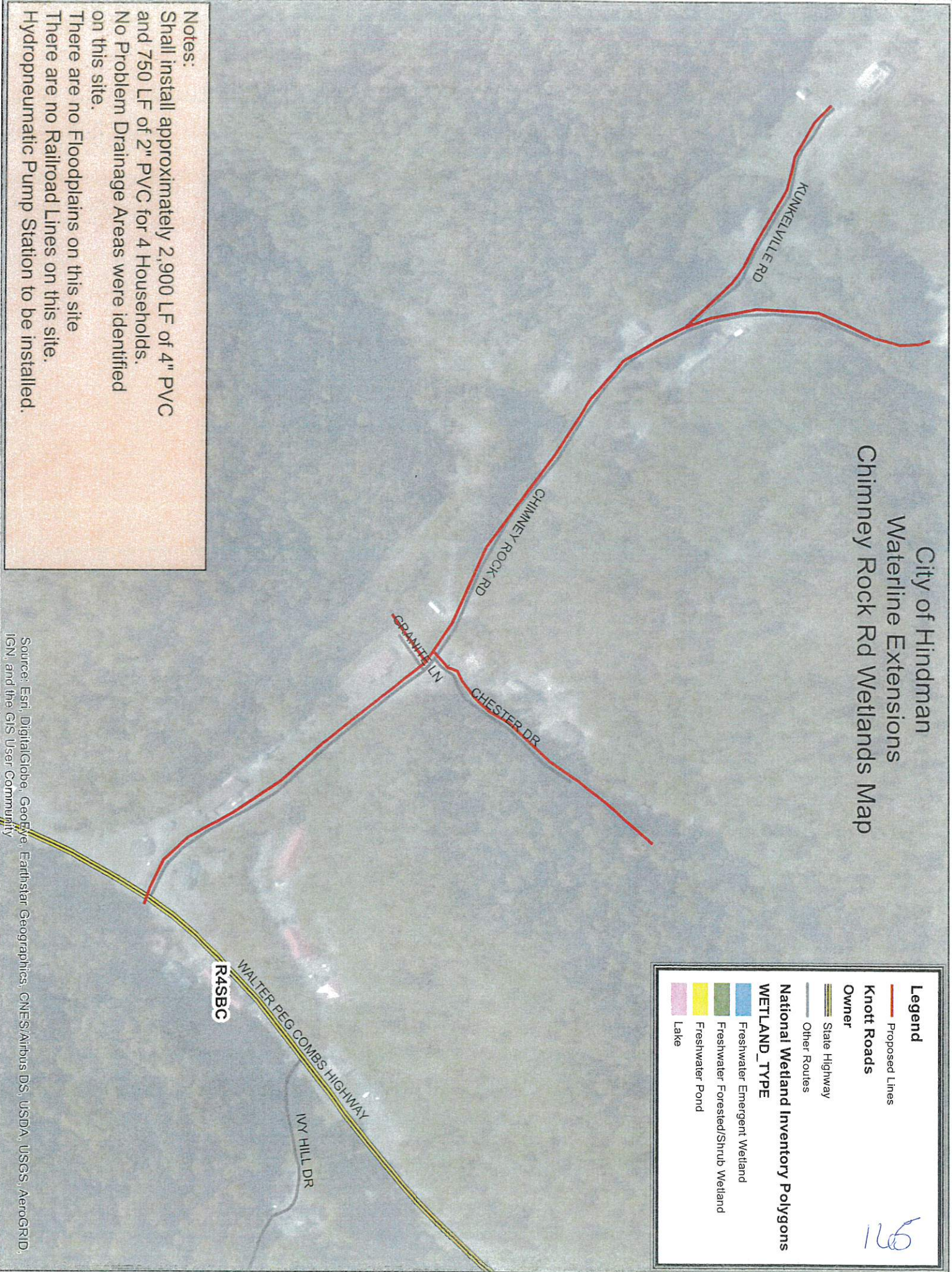
Hydropneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geo
 IGN, and the GIS User Community

City of Hindman Waterline Extensions Chimney Rock Rd Wetlands Map

1165

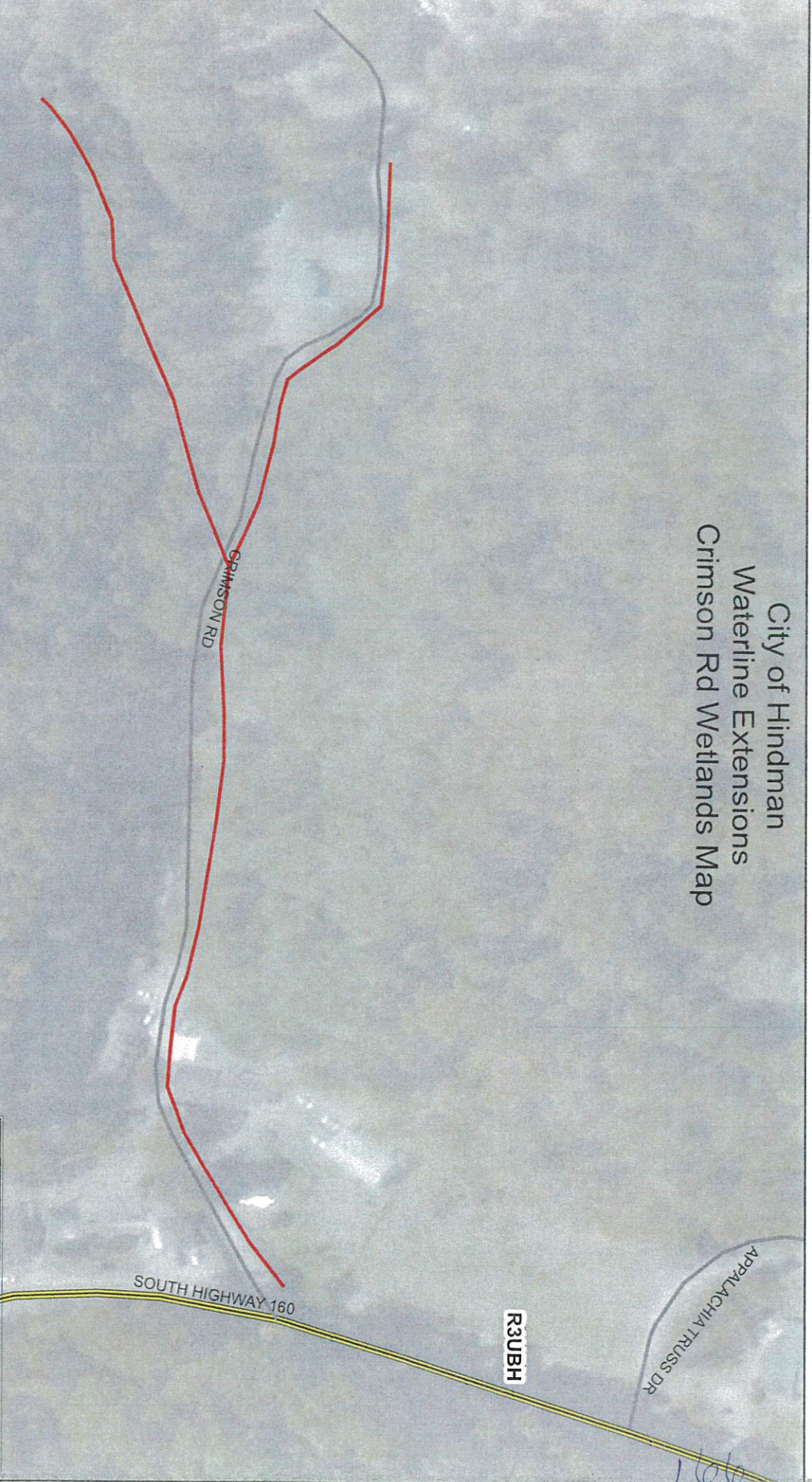
Legend	
	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake



Notes:
 Shall install approximately 2,900 LF of 4" PVC and 750 LF of 2" PVC for 4 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydro pneumatic Pump Station to be installed.

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

City of Hindman
 Waterline Extensions
 Crimson Rd Wetlands Map



Notes:
 Shall install approximately 1,200 LF of 4" PVC
 and 250 LF of 2" PVC for 7 Households.
 No Problem Drainage Areas were identified
 on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

Legend

- Proposed Lines

Knott Roads

- State Highway
- Other Routes

Owner

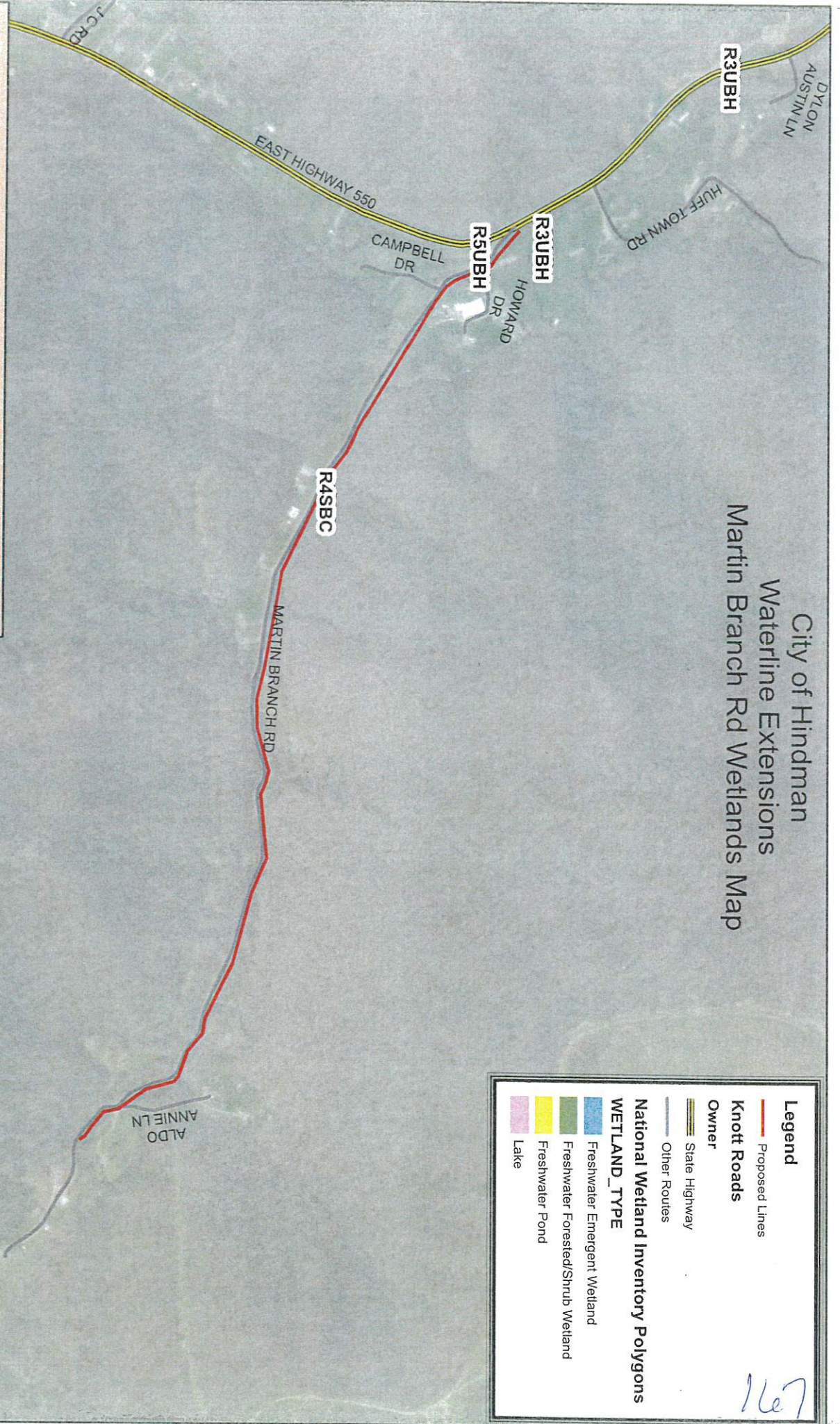
National Wetland Inventory Polygons

WETLAND_TYPE

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

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographi
 IGN, and the GIS User Community

City of Hindman
 Waterline Extensions
 Martin Branch Rd Wetlands Map



Legend

- Proposed Lines
- Knott Roads
- Owner
 - State Highway
 - Other Routes
- National Wetland Inventory Polygons
 - WETLAND_TYPE
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake









Notes:
 Shall install approximately 4,200 LF of 4" PVC and 500 LF of 2" PVC for 8 Households.
 No Problem Drainage Areas were identified on this site.
 Flood Zone "A" present on part of this site.
 There are no Railroad Lines adjacent to this site.
 Hydropneumatic Pump Station to be installed.

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

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City of Hindman Waterline Extensions Triplett Branch Rd Wetlands Map

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Legend	
	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake
	Active Railroad

Notes:
 Shall install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 Flood Zone "A" present on part of this site.
 There 1 Railroad Line adjacent to this site.

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

City of Hindman
 Waterline Extensions
 Upper Mill Creek Rd Wetlands Map

Legend

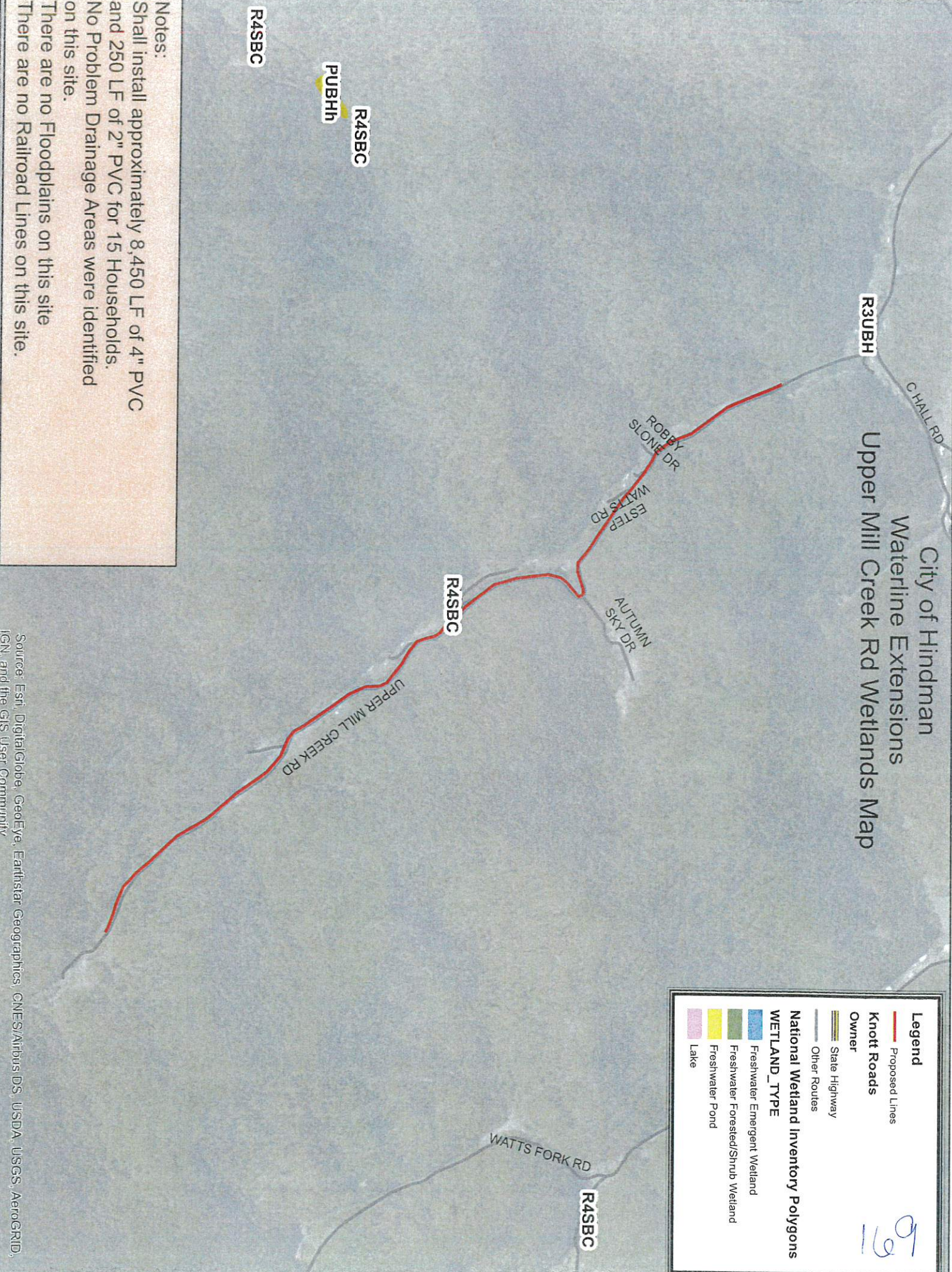
- Proposed Lines
- Knott Roads
- Owner
- State Highway
- Other Routes

National Wetland Inventory Polygons

WETLAND_TYPE

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

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Notes:
 Shall install approximately 8,450 LF of 4" PVC and 250 LF of 2" PVC for 15 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.

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

Exhibit 10
Site Contamination Data



ANDY BESHEAR
GOVERNOR

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

REBECCA W. GOODMAN
SECRETARY

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: City of Hindman-Hindman Waterline Extension Project-SERO 2020-17

Dear Ms. Napier,

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:

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis of the proposed project (including pump curves and its design information etc.) must be submitted to the DOW's Water Infrastructure Branch by a registered professional engineer in Kentucky. The applicant must receive a written approval from the DOW prior to the beginning of the construction. Questions should be directed to Abbas Pourghasemi, Water Infrastructure Branch, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

As the system expands, the need for a second certified distribution operator is even more imperative. Additionally, as of the most recent Sanitary Survey (March 2018), both water purchase contracts were expired and new contracts had not yet been agreed upon. Ensure the maximum contracted monthly water purchase amounts will allow for this expansion. If not already signed, consider including water quality standards at the master meters within the purchase contracts, as well. System received a non-significant deficiency as a result of the aforementioned survey. A response was due June 21, 2018 and has not yet been received by the Division. This must be addressed immediately. The system was also lacking managerial and financial capacity. Therefore, recommendations listed within the Sanitary Survey results letter (dated May 7, 2018), which have not already been implemented, are still highly advised.

An Equal Opportunity Employer M/F/D

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Questions should be directed to Jennifer Taimi, Water Infrastructure Branch, (502) 782-7087, Jennifer.Taimi@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:

Only the Martin Branch portion of the proposed project is within the floodplain. 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:

This proposed project is not within a designated Source Water Protection Area. This proposed project may potentially add approximately 0.016-0.020 Million Gallons per Day (MGD) of water usage demand. Knott County Water and Sewer District should have the capacity to provide the water demand associated with this project for Hindman Municipal Water Works to purchase. Questions should be directed to Chloe Brantley, Watershed Management Branch, (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 no underground storage tank site issues identified within the project impact area. 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.

Superfund Branch records indicate the following superfund site issues identified within the project impact area:

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 4934

CLOSURE OPTION DESC: Option A No Action Necessary

CLOSURE DATE: 04/03/2000

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 14309

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 03/12/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6200

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 6202

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 04/16/2001

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co

MASTER AI ID: 52759

SUBJECT ITEM DESIGNATION: 53123

CLOSURE OPTION DESC: Option C Restored

CLOSURE DATE: 10/01/2012

LAT LONG SOURCE: SI

LONGITUDE: -82.945724

LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6189
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14301
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6194
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 6186
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 04/16/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Columbia Gas - Knott Co
MASTER AI ID: 52759
SUBJECT ITEM DESIGNATION: 14310
CLOSURE OPTION DESC: Option C Restored
CLOSURE DATE: 03/12/2001
LAT LONG SOURCE: SI
LONGITUDE: -82.945724
LATITUDE: 37.359719999999996

Any superfund issues or questions should be directed to the Superfund Branch.