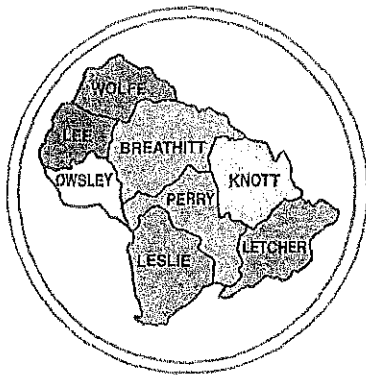


Exhibit 13  
FEMA Correspondence



# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

941 NORTH MAIN STREET • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

October 9, 2020

**CHAIRMAN**

Mayor  
Tracy Neice

**VICE-CHAIRMAN**

Gregory Whitson

**TREASURER**

Mayor  
Laura Thomas

**SECRETARY**

Judge Executive  
Chuck Caudill, Jr.

**PARLIAMENTARIAN**

Fred Hall

**BOARD OF DIRECTORS**

**County Judge Executives**

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

**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 - Vlcco  
Donald "Happy" Mobilini - Hazard  
Tom Burns - Buckhorn  
Kathi May - Campton

**Citizen Members**

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

**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

Federal Emergency Management Agency  
Region IV  
3003 Chamblee Tucker Road  
Atlanta GA 30341

**RE: Drone Port Water and Sewer Extension Project**

Dear Sir or Madam:

Troublesome Creek Environmental Authority has been approved funding through the Appalachian Regional Commission Grant for the above referenced project. A scoping letter was originally submitted to your agency on December 18, 2019 for this project. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

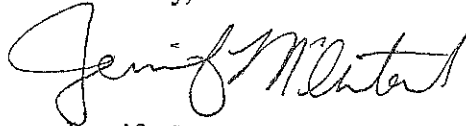
The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any issues under your jurisdiction for Wolfe County or the Commonwealth of Kentucky. I have enclosed a 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: [jennifer@kradd.org](mailto:jennifer@kradd.org).

Thank you, for your time and assistance.

Sincerely,

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

Jennifer McIntosh  
Water and Wastewater Planner

enclosures

The project will extend water and sewer service to the USA Drone Port located off KY Highway 1087 in Vest, KY. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

Extending water and sewer service to the USA Drone Port will have an economic impact on both Knott and Perry Counties as well as the surrounding region. The USA Drone Port recently received funding to construct an indoor flight facility. This project will extend the necessary water and sewer infrastructure to the facility and allow the complex to be ready for educational and commerce activities that are already in negotiations. The USA Drone Port already has contractors in place for first responders from several states.

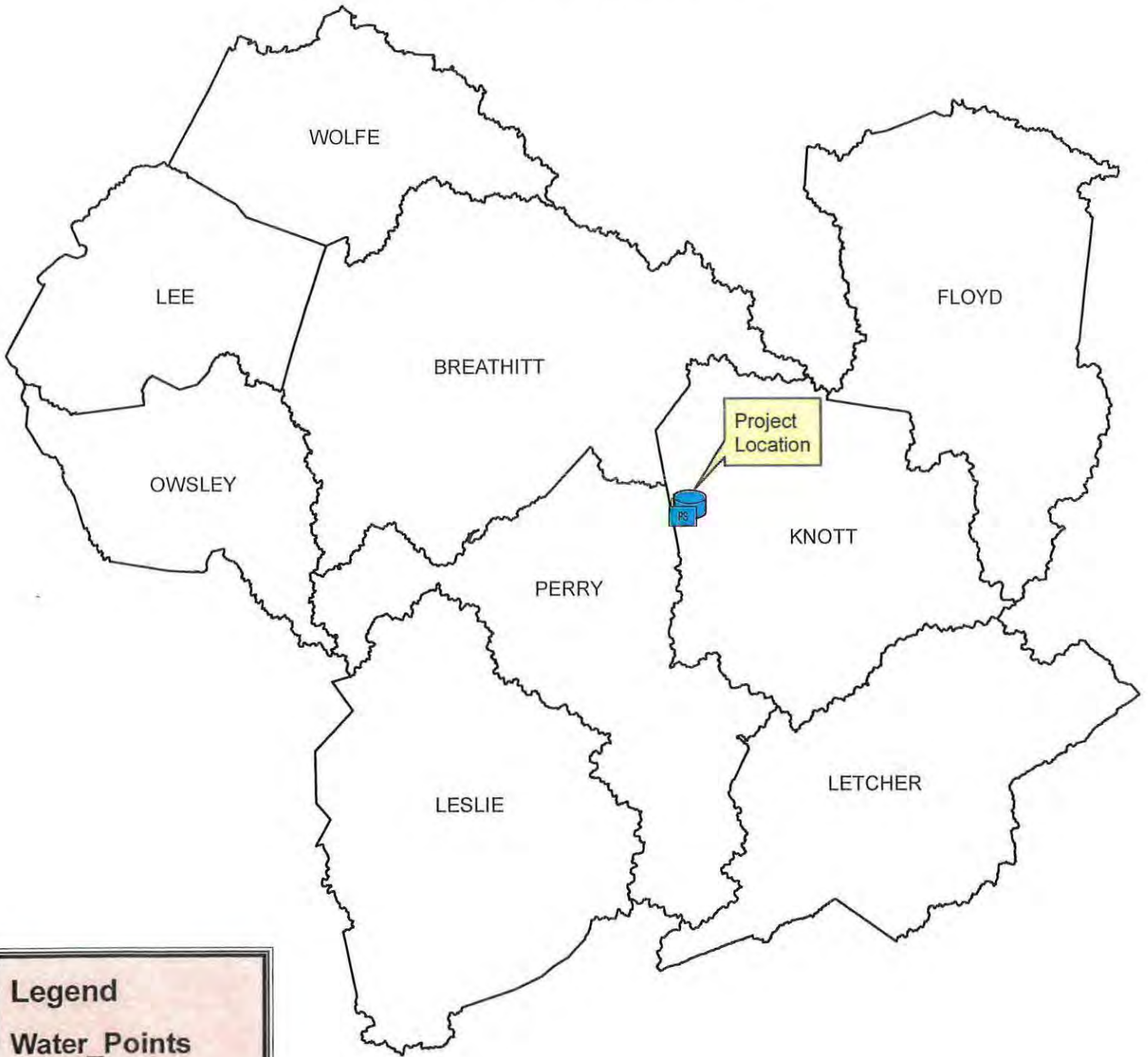
The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region. This project is consistent with the goals and strategies of the KRADD Comprehensive Economic Development Strategy (CEDS).

The Troublesome Creek Environmental Authority was established in 2008. It is a 501 (c) (3) non-profit and represents over fourteen thousand residents in Breathitt, Knott and Perry Counties. This is one of several projects the Environmental Authority has undertaken in an effort to clean up waterways and help promote economic development in the region.

The center point for GPS coordinates for this project are 37°23'9.448"N; -83°6'3.272"W. The project is located on reclaimed mine land and therefore is on previously disturbed land. There will be minimal to no tree removal and majority of the project will occur on right-of-way. The portion occurring on easement will be on the reclaimed mine land therefore land has been previously disturbed.




# DRONE PORT WATER & SEWER EXTENSION PROJECT AFFECTED AREA MAP





## Legend


### Water\_Points


#### TYPE


 PUMP STATION

 WATER TANK

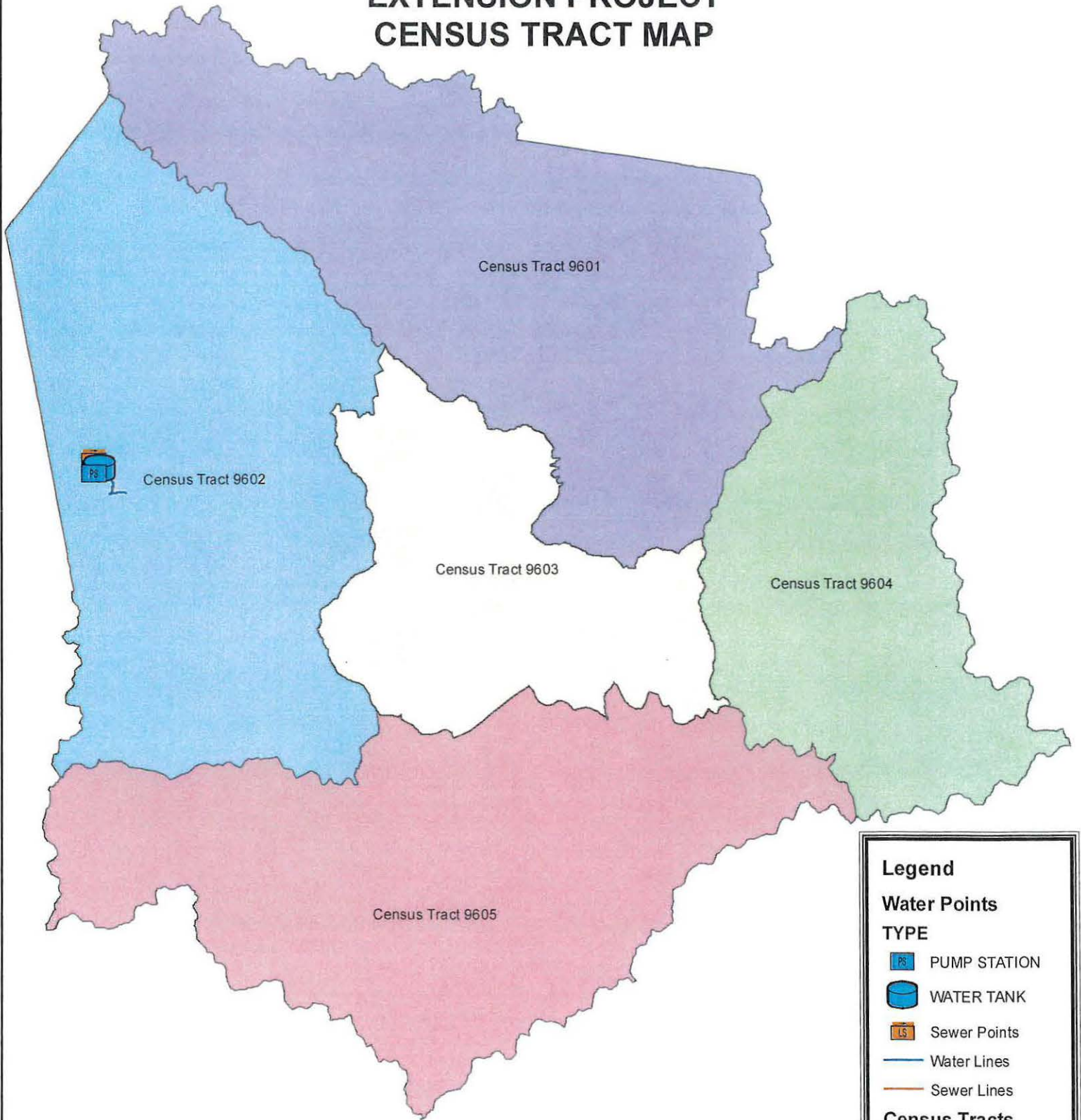
 Sewer\_Points

 Water\_Lines

 Sewer\_Line

 Counties In Area

# DRONE PORT WATER & SEWER EXTENSION PROJECT CENSUS TRACT MAP



**Legend**

**Water Points**

**TYPE**

- PUMP STATION
- WATER TANK
- Sewer Points
- Water Lines
- Sewer Lines

**Census Tracts**

**Tract Name**

- Census Tract 9601
- Census Tract 9602
- Census Tract 9603
- Census Tract 9604
- Census Tract 9605



# DRONE PORT WATER & SEWER EXTENSION PROJECT SITE PLAN MAP




## Legend


### Water Points

#### TYPE

 PUMP STATION

 WATER TANK

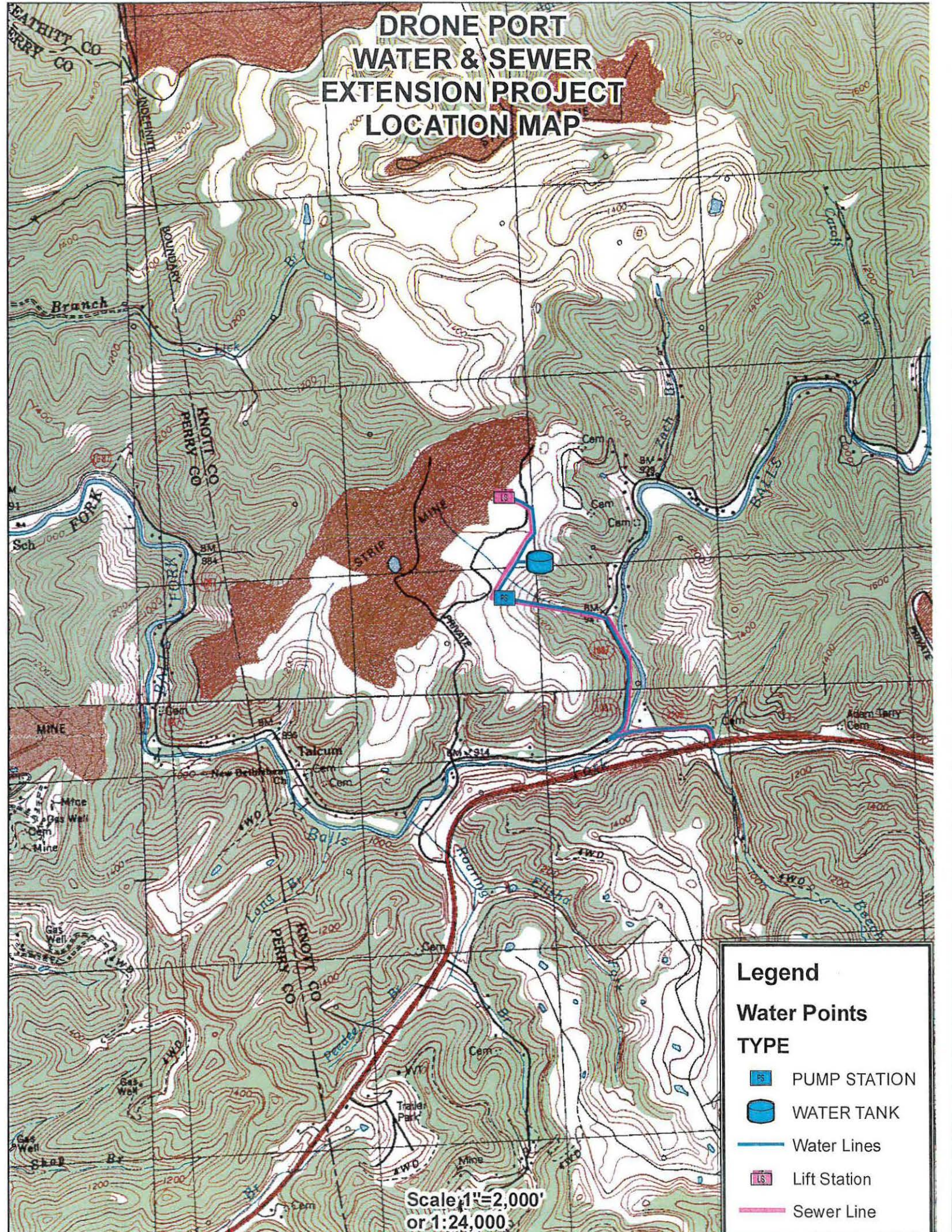
 Water Lines

 Lift Station

 Sewer Line








# DRONE PORT WATER & SEWER EXTENSION PROJECT LOCATION MAP



**Legend**

**Water Points**

**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Scale 1"=2,000'  
or 1:24,000



# DRONE PORT WATER & SEWER EXTENSION PROJECT FLOODPLAIN MAP




## Legend


### Water Points

#### TYPE

 PUMP STATION

 WATER TANK

 Water Lines

 Lift Station

 Sewer Line

### FLOODWAY

 FLOODWAY

### FEMA DFIRM - Floodplain

#### FLD\_ZONE

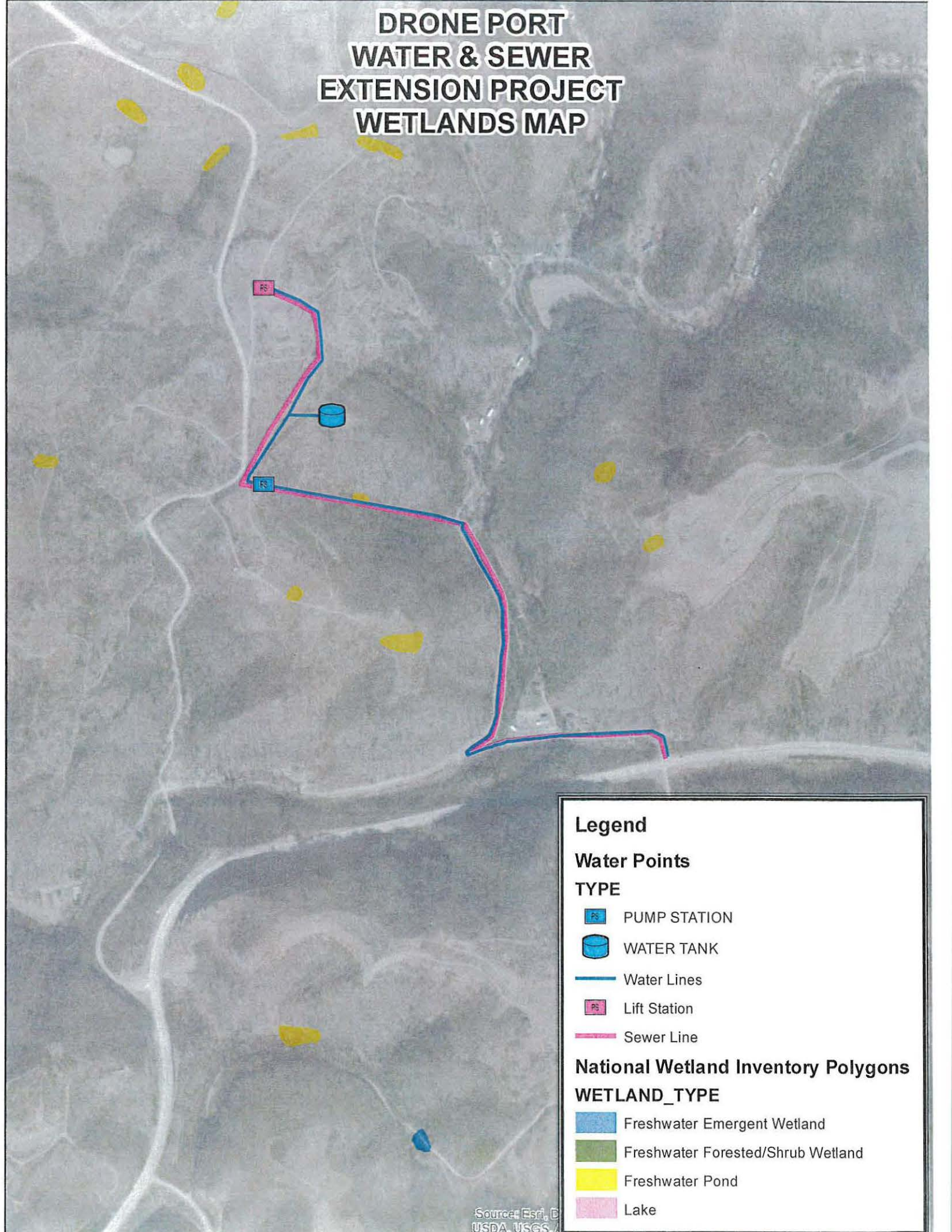
 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

 A

 AE



# DRONE PORT WATER & SEWER EXTENSION PROJECT WETLANDS MAP




## Legend


### Water Points

#### TYPE

 PUMP STATION

 WATER TANK

 Water Lines


 Lift Station


 Sewer Line

### National Wetland Inventory Polygons

#### WETLAND\_TYPE

 Freshwater Emergent Wetland

 Freshwater Forested/Shrub Wetland

 Freshwater Pond

 Lake

Exhibit 14

US Army Corps of Engineers





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

941 NORTH MAIN STREET • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

October 12, 2020

**CHAIRMAN**

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**VICE-CHAIRMAN**

Gregory Whitson

**TREASURER**

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Laura Thomas

**SECRETARY**

Judge Executive  
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Hiram Cornett  
Eugene Stewart  
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Jack Burkich  
Dale Bishop  
Derrick Bowling  
Lonnie Brewer  
Gregory Whitson  
Meriwether Wash-Hall  
Pam Pilgrim  
Shirley Halcomb

**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

Justin Branham

U.S. Army Corps of Engineers

Louisville District Eastern Kentucky Regulatory Office

845 Sassafras Creek RD

Sassafras, KY 41759

**RE: Drone Port Water and Sewer Project**

Dear Mr. Branham:

Troublesome Creek Environmental Authority has been approved funding for an Appalachian Regional Commission Grant for the above referenced project. I originally submitted this project to you for comments on December 19, 2019. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands or permit issues under your jurisdiction. I have enclosed a project location 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: [jennifer@kradd.org](mailto:jennifer@kradd.org).

Thank you, for your time and assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jennifer McIntosh". The signature is fluid and cursive, with the first name "Jennifer" written in a larger, more prominent script than the last name "McIntosh".

Jennifer McIntosh  
Water and Wastewater Planner

enclosures

The project will extend water and sewer service to the USA Drone Port located off KY Highway 1087 in Vest, KY. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

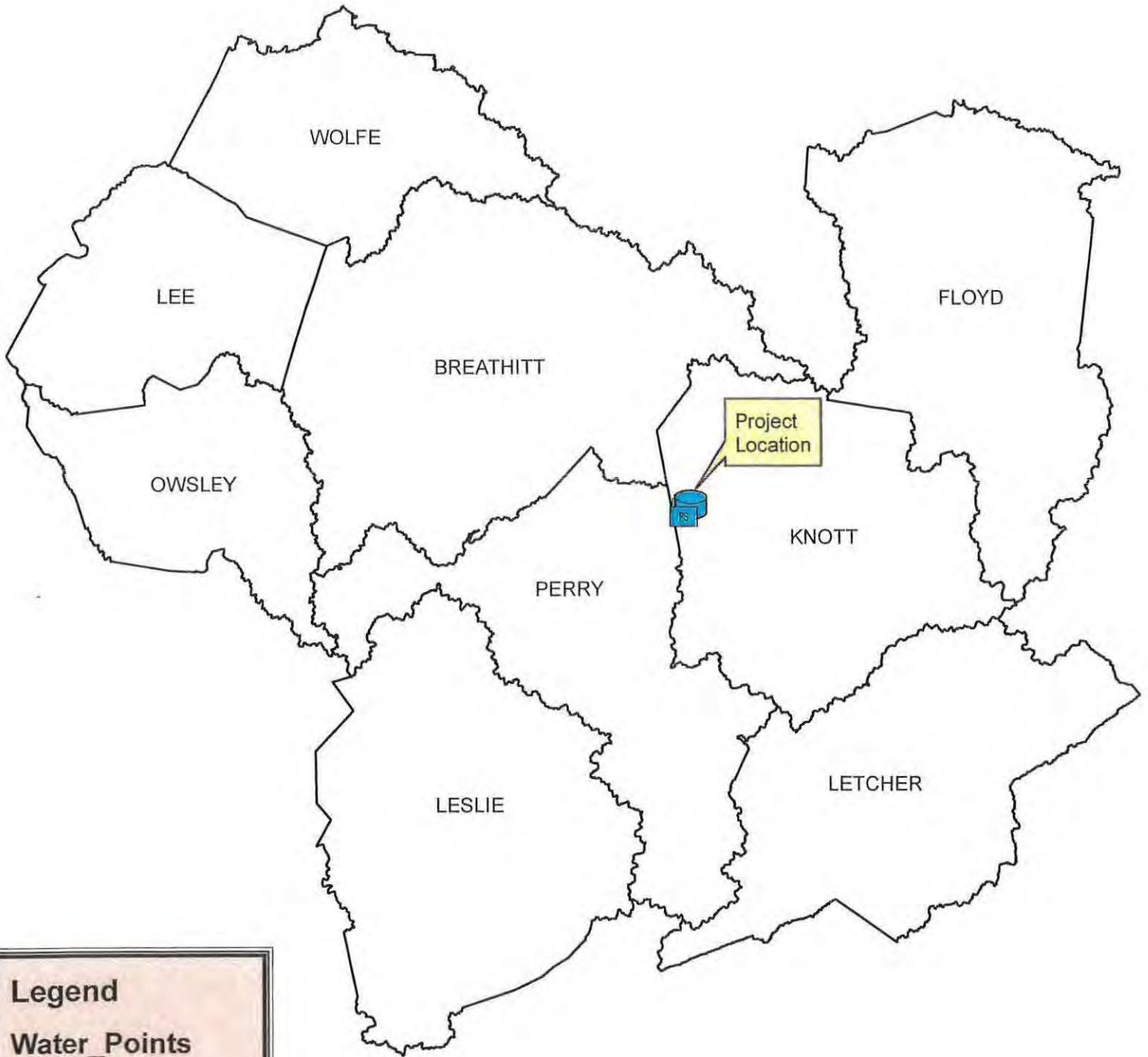
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The center point for GPS coordinates for this project are 37°23'9.448"N; -83°6'3.272"W. The project is located on reclaimed mine land and therefore is on previously disturbed land. There will be minimal to no tree removal and majority of the project will occur on right-of-way. The portion occurring on easement will be on the reclaimed mine land therefore land has been previously disturbed.


# DRONE PORT WATER & SEWER EXTENSION PROJECT AFFECTED AREA MAP





## Legend


### Water\_Points


#### TYPE


 PUMP STATION

 WATER TANK

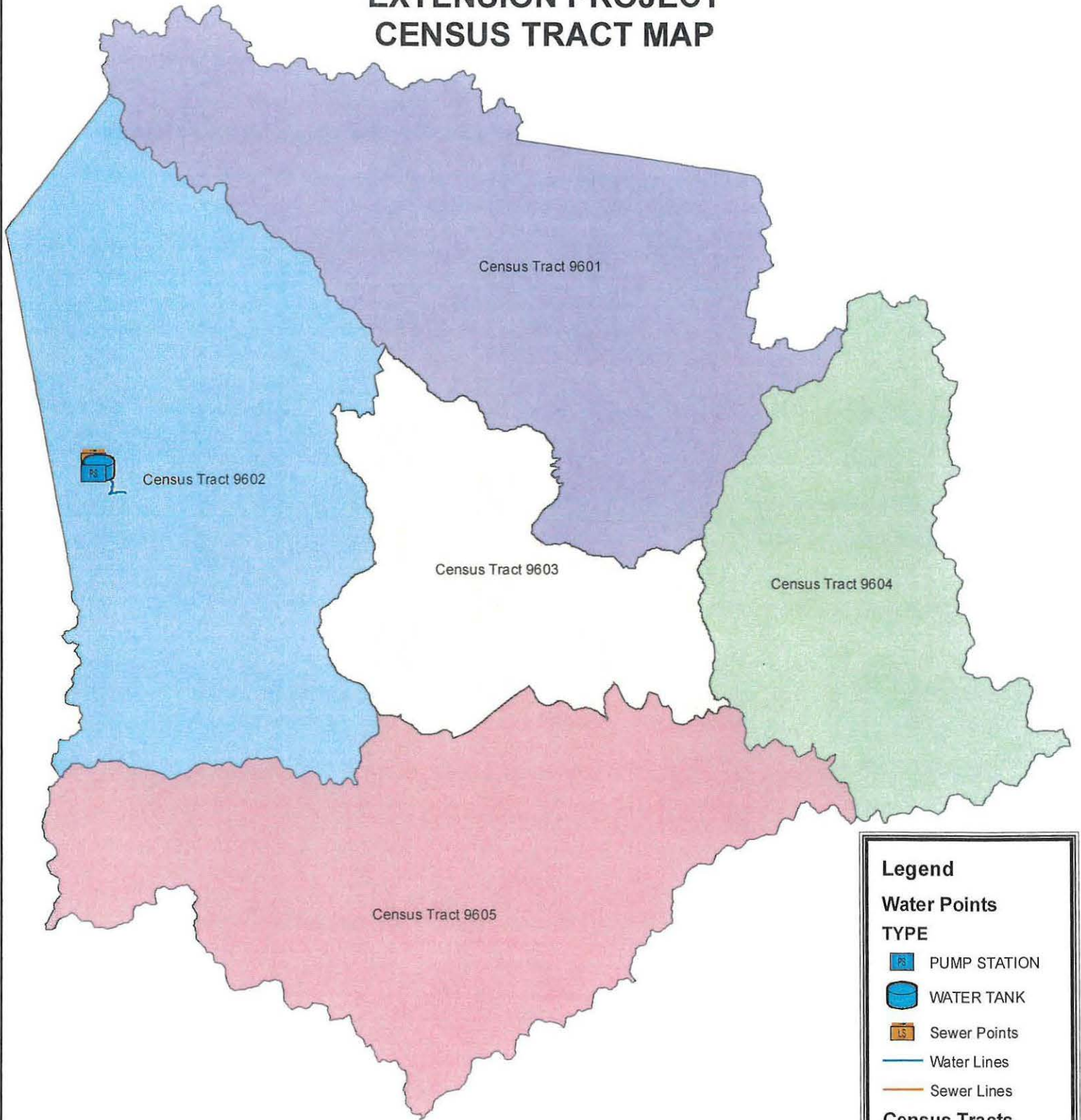
 Sewer\_Points

 Water\_Lines

 Sewer\_Line

 Counties In Area

# DRONE PORT WATER & SEWER EXTENSION PROJECT CENSUS TRACT MAP



**Legend**

**Water Points**

**TYPE**

- PUMP STATION
- WATER TANK
- Sewer Points
- Water Lines
- Sewer Lines

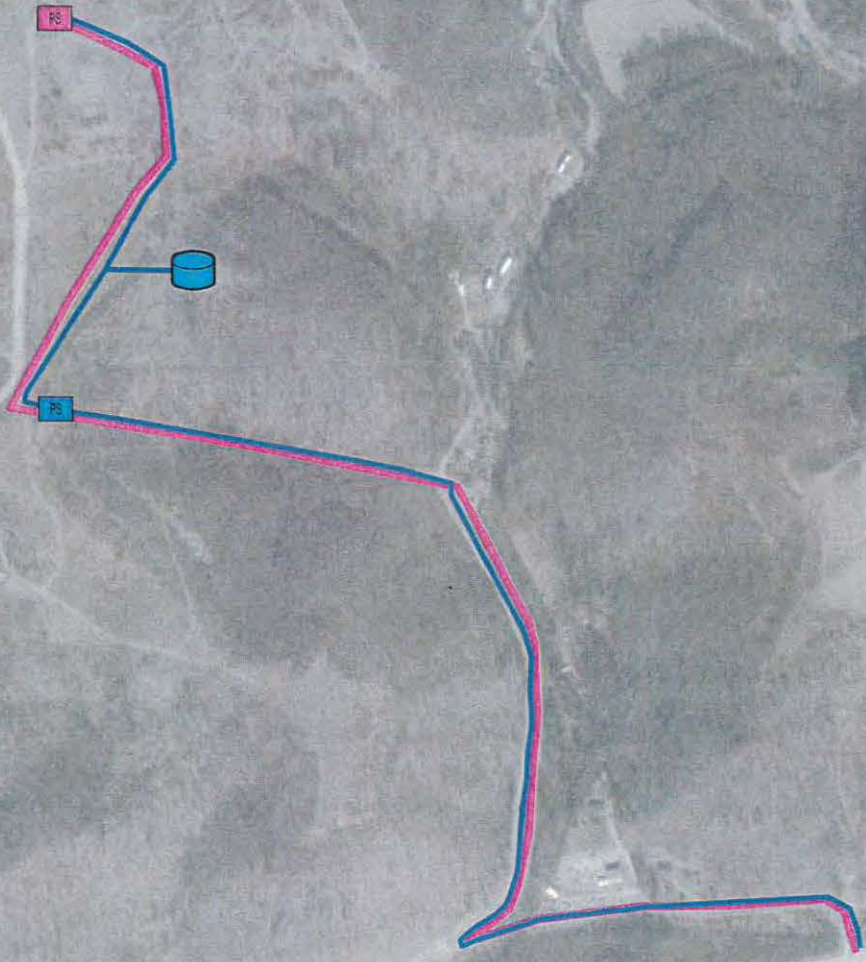
**Census Tracts**

**Tract Name**

- Census Tract 9601
- Census Tract 9602
- Census Tract 9603
- Census Tract 9604
- Census Tract 9605








# DRONE PORT WATER & SEWER EXTENSION PROJECT SITE PLAN MAP



**Legend**

**Water Points**

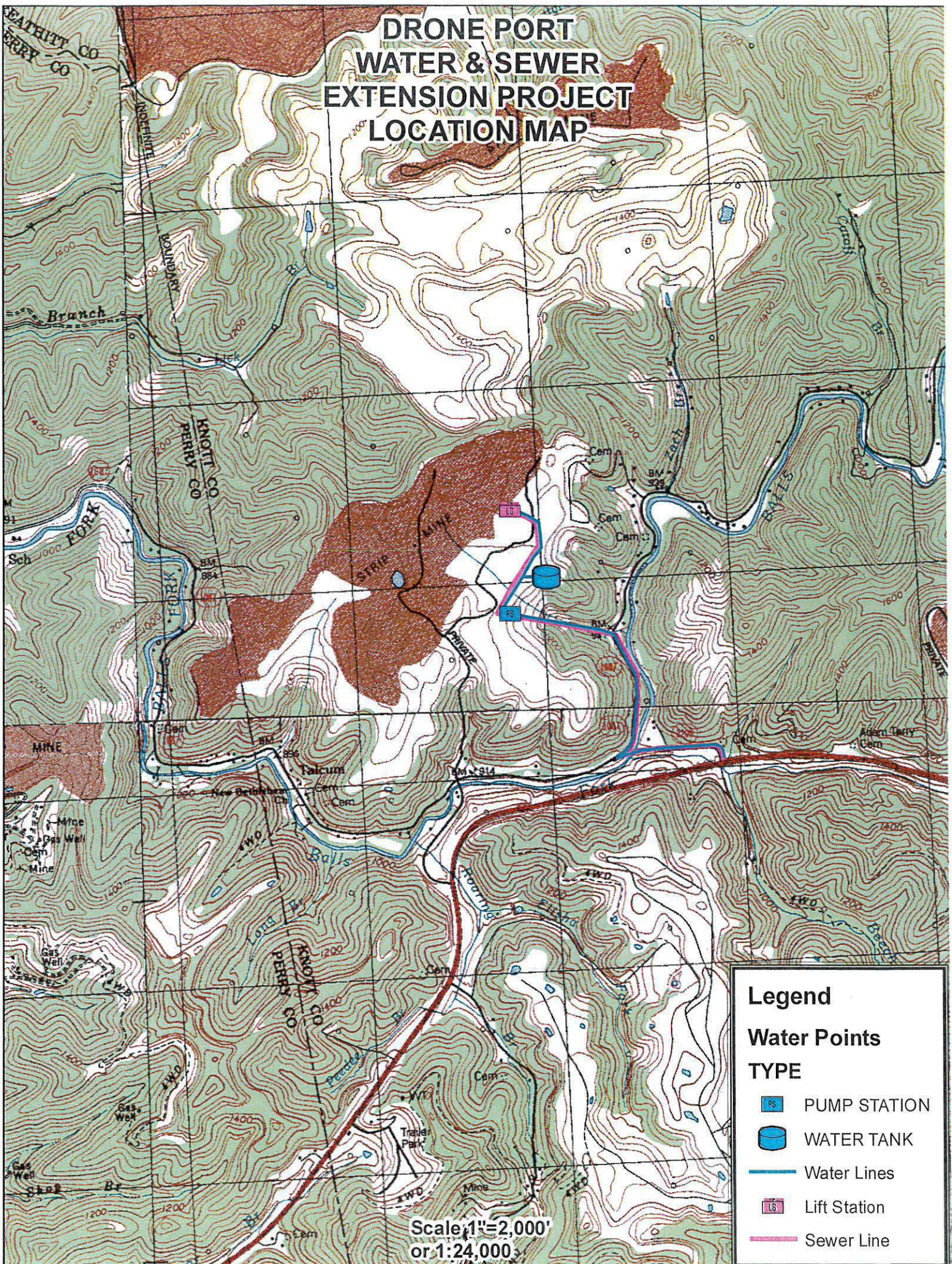
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

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








# DRONE PORT WATER & SEWER EXTENSION PROJECT LOCATION MAP



**Legend**

**Water Points**

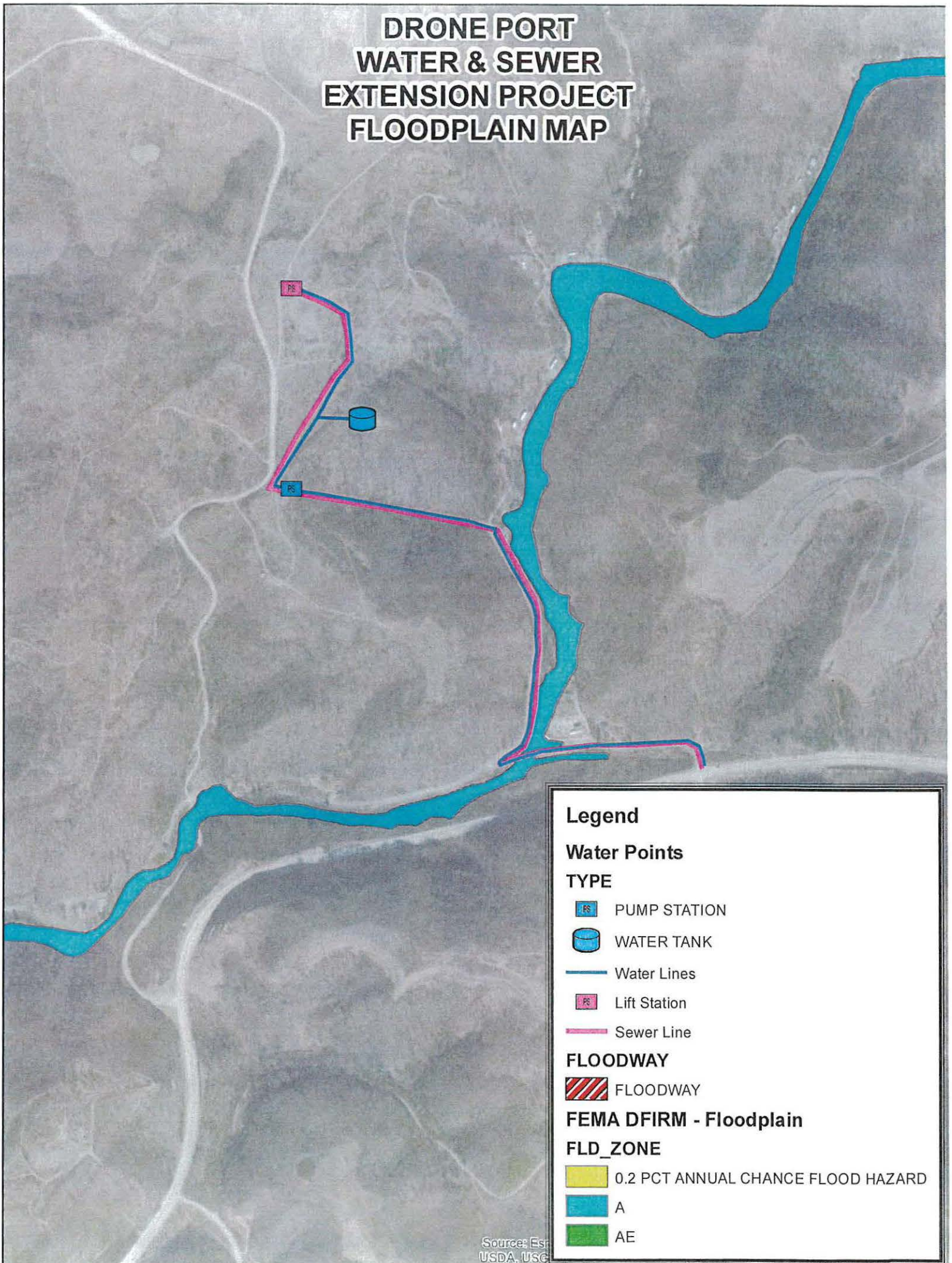
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Scale 1"=2,000'  
or 1:24,000



# DRONE PORT WATER & SEWER EXTENSION PROJECT FLOODPLAIN MAP




## Legend


### Water Points


#### TYPE

 PUMP STATION

 WATER TANK

 Water Lines

 Lift Station


 Sewer Line

### FLOODWAY

 FLOODWAY

### FEMA DFIRM - Floodplain

#### FLD\_ZONE

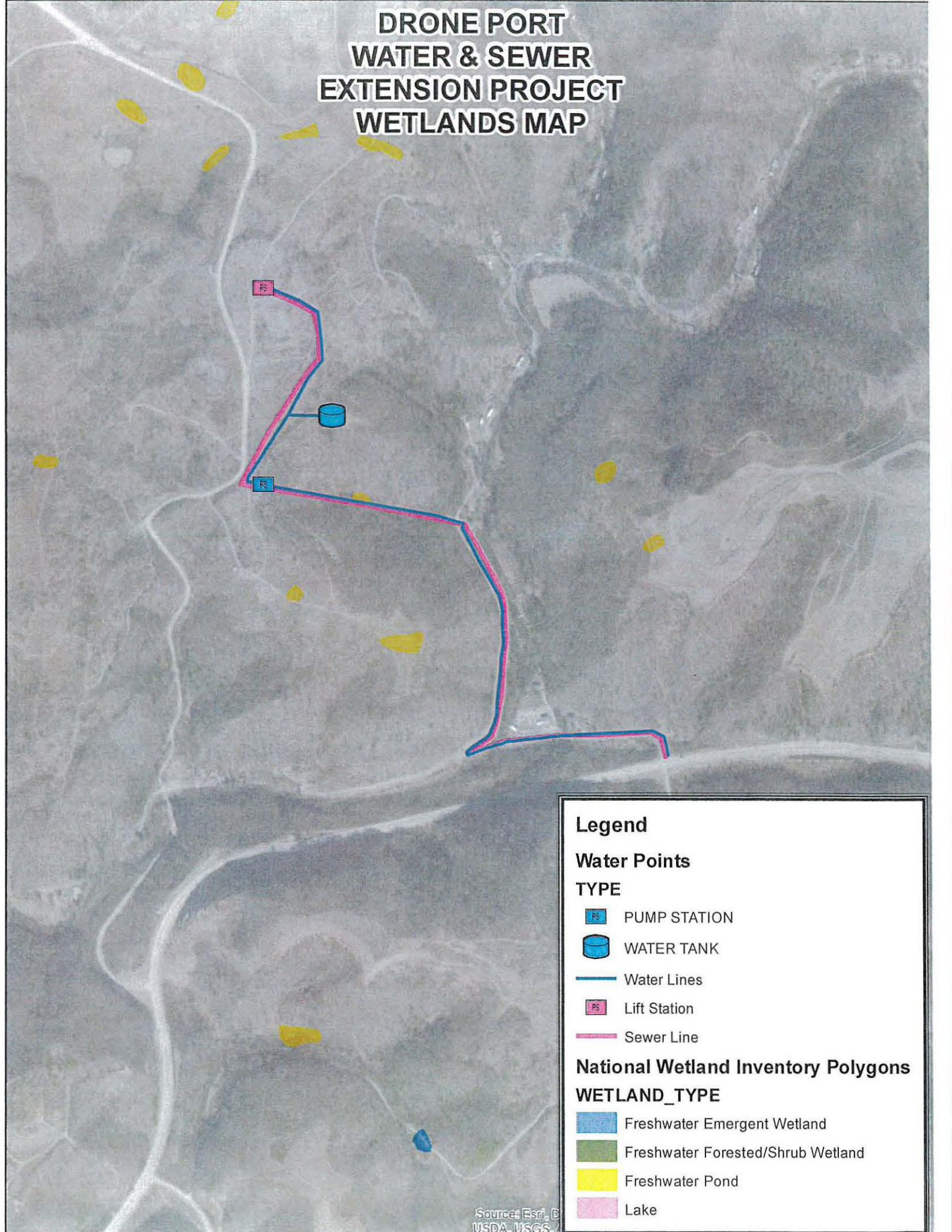
 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

 A

 AE



# DRONE PORT WATER & SEWER EXTENSION PROJECT WETLANDS MAP





## Legend


### Water Points


#### TYPE

 PUMP STATION

 WATER TANK


 Water Lines


 Lift Station


 Sewer Line

### National Wetland Inventory Polygons

#### WETLAND\_TYPE

 Freshwater Emergent Wetland

 Freshwater Forested/Shrub Wetland

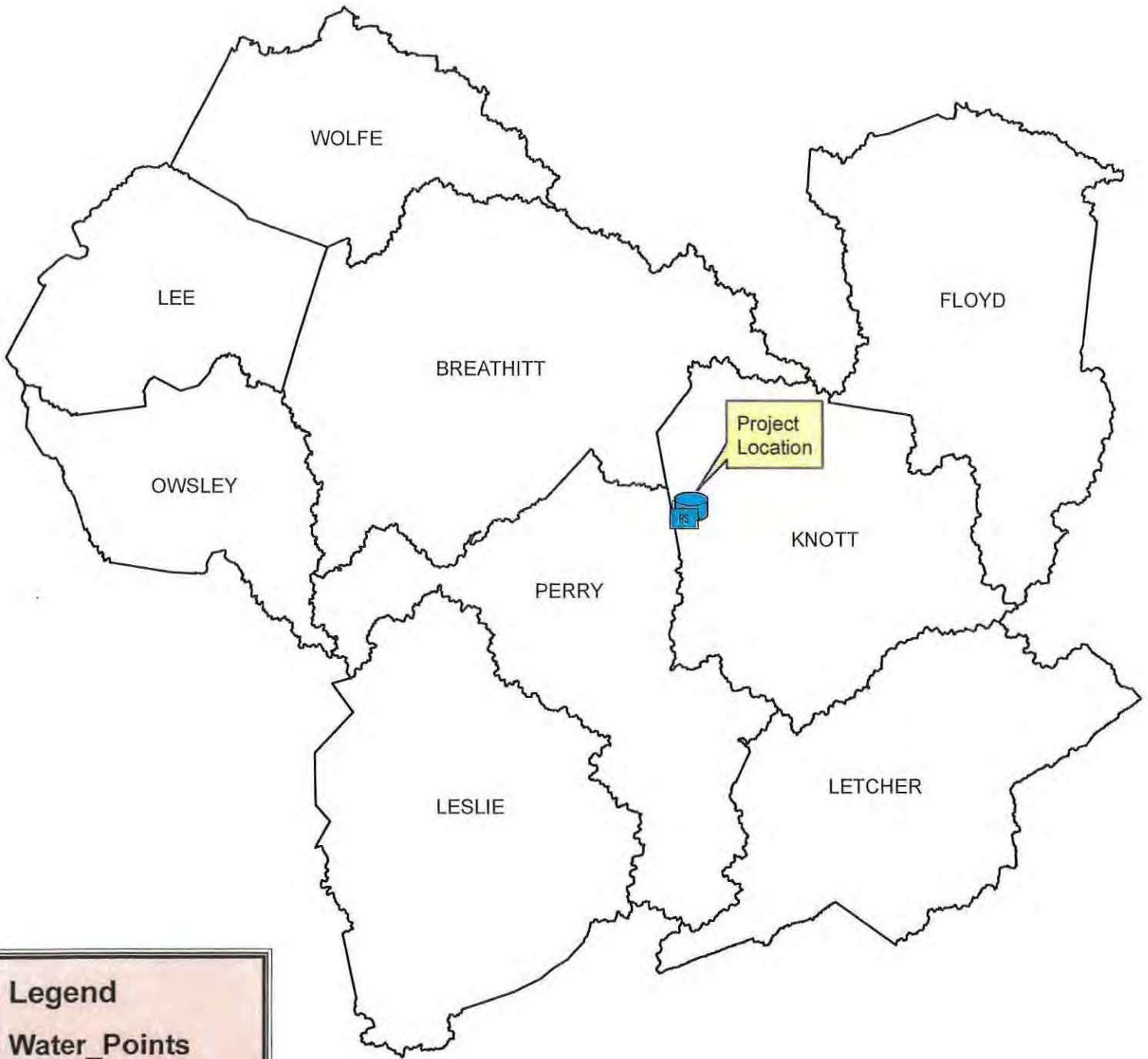
 Freshwater Pond

 Lake



Exhibit 15  
Project Maps


# DRONE PORT WATER & SEWER EXTENSION PROJECT AFFECTED AREA MAP





## Legend


### Water\_Points


#### TYPE


 PUMP STATION

 WATER TANK

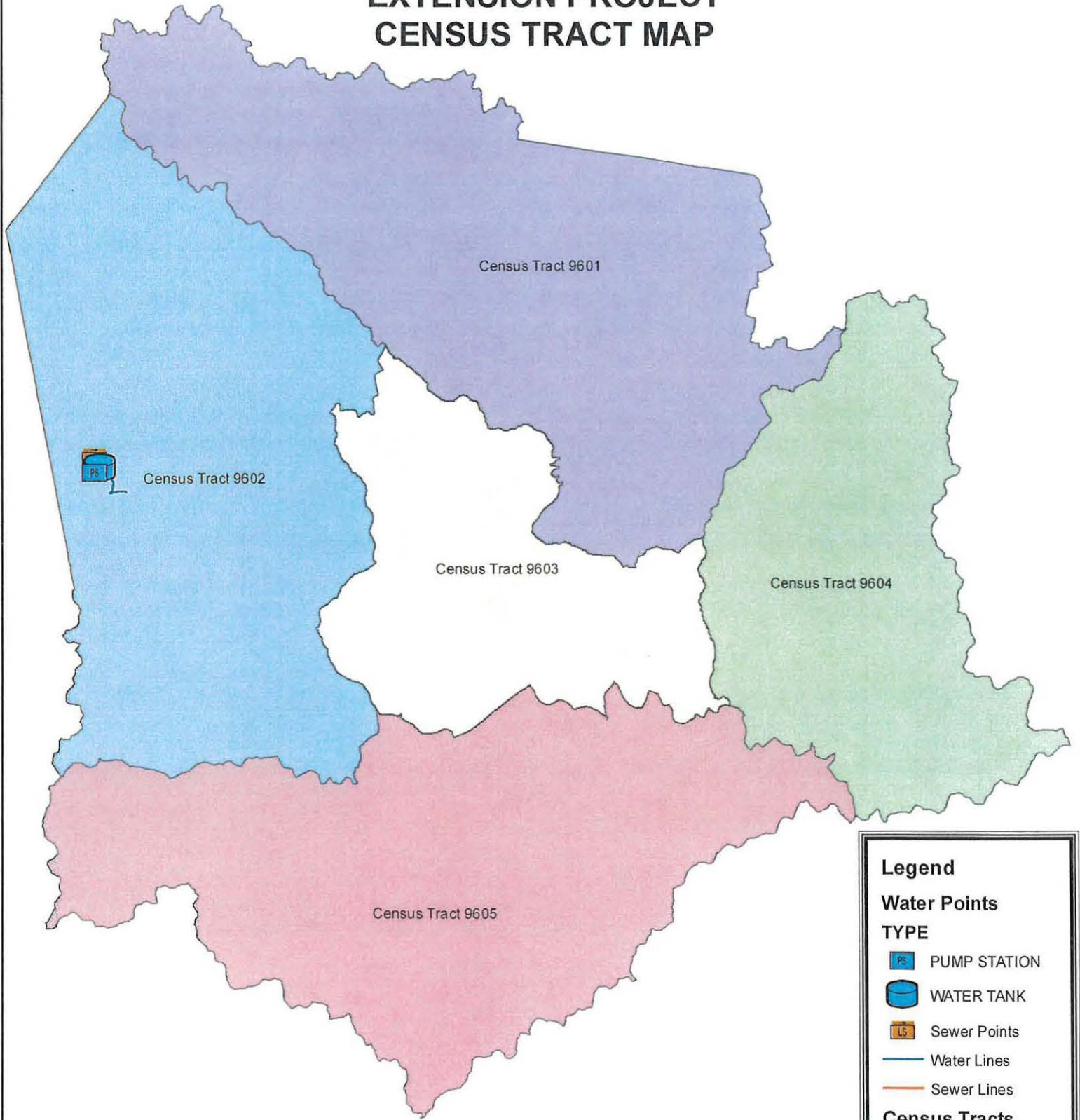
 Sewer\_Points

 Water\_Lines

 Sewer\_Line

 Counties In Area

# DRONE PORT WATER & SEWER EXTENSION PROJECT CENSUS TRACT MAP



**Legend**

**Water Points**

**TYPE**

- PUMP STATION
- WATER TANK
- Sewer Points
- Water Lines
- Sewer Lines

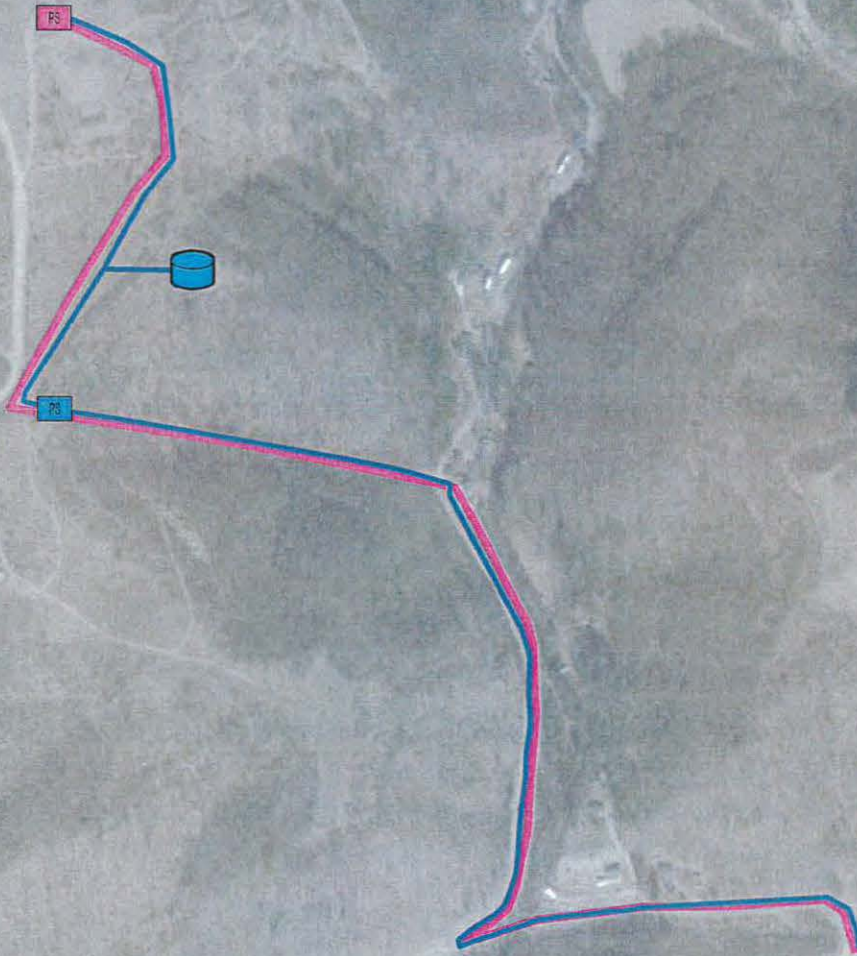
**Census Tracts**

**Tract Name**

- Census Tract 9601
- Census Tract 9602
- Census Tract 9603
- Census Tract 9604
- Census Tract 9605



# DRONE PORT WATER & SEWER EXTENSION PROJECT SITE PLAN MAP



## Legend

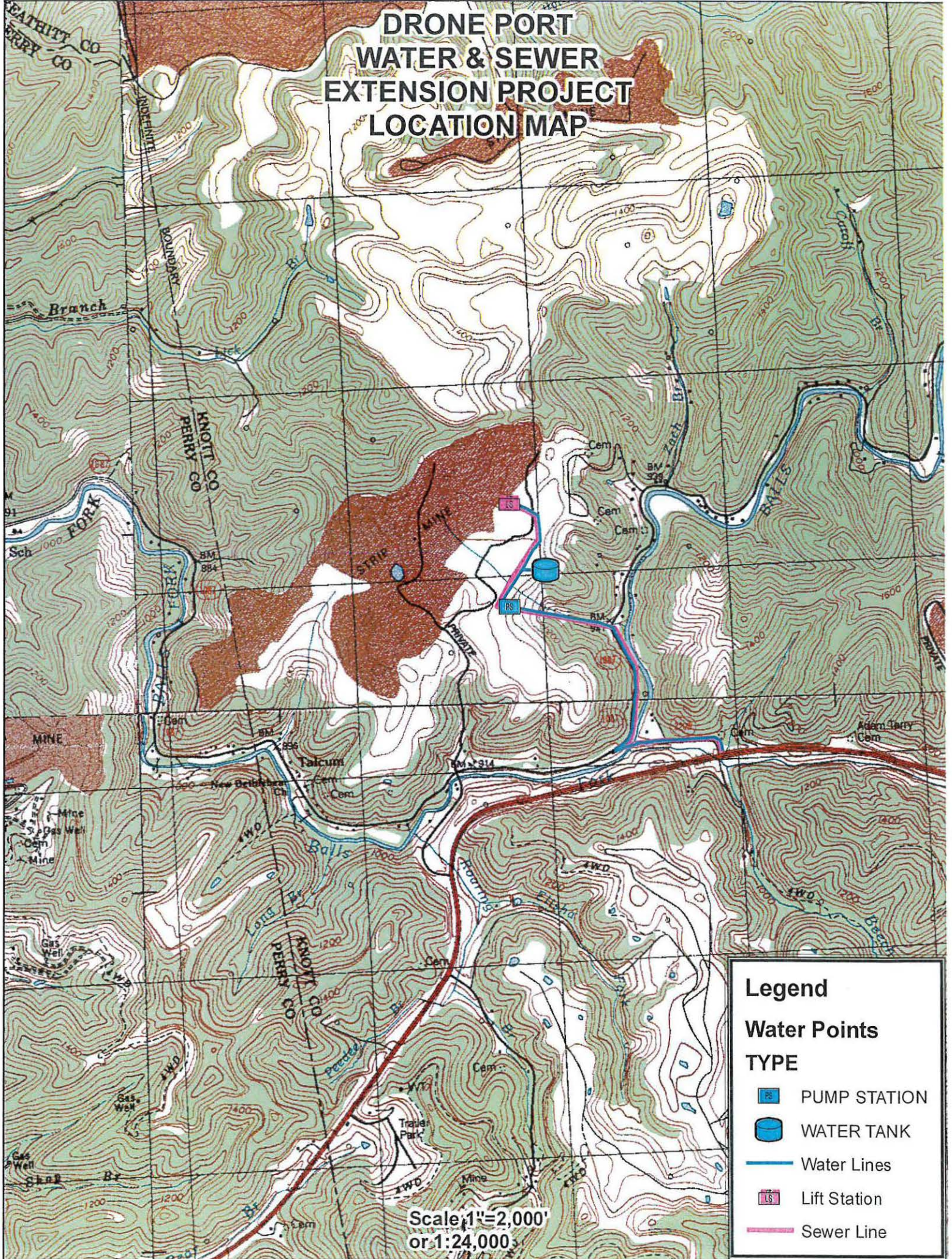
### Water Points

#### TYPE

- PUMP STATION
- WATER TANK
- Water Lines
- Lift Station
- Sewer Line








# DRONE PORT WATER & SEWER EXTENSION PROJECT LOCATION MAP



**Legend**

**Water Points**

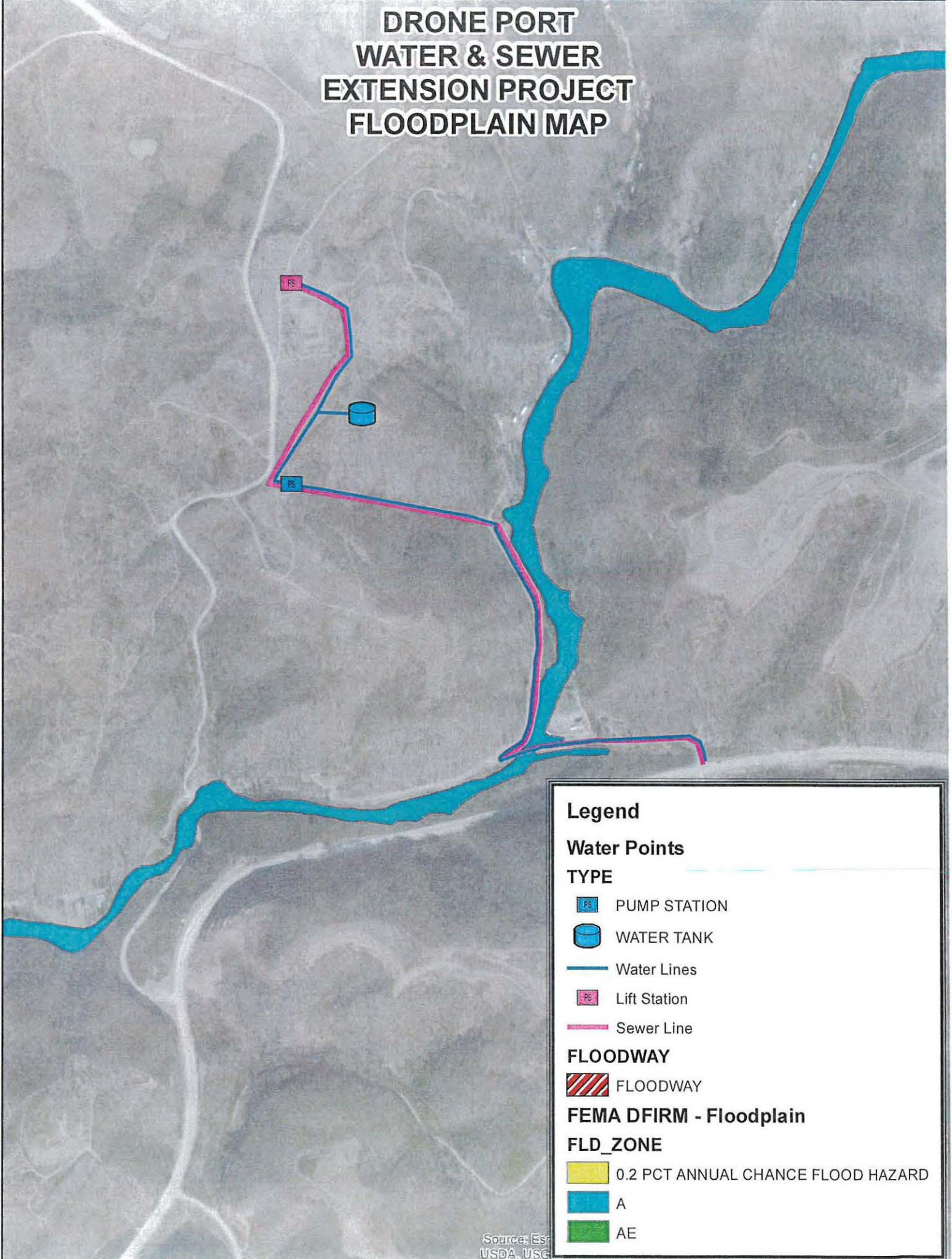
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Scale: 1" = 2,000'  
or 1:24,000



# DRONE PORT WATER & SEWER EXTENSION PROJECT FLOODPLAIN MAP




## Legend


### Water Points


#### TYPE

 PUMP STATION

 WATER TANK

 Water Lines

 Lift Station


 Sewer Line

### FLOODWAY

 FLOODWAY

### FEMA DFIRM - Floodplain

#### FLD\_ZONE

 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

 A

 AE








# DRONE PORT WATER & SEWER EXTENSION PROJECT WETLANDS MAP

**Legend**





**Water Points**

**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

**National Wetland Inventory Polygons**

**WETLAND\_TYPE**

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

Source: Esri, B  
USDA, USGS, A

Exhibit 16  
Scoping Letters





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

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

August 12, 2020

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

**BOARD OF DIRECTORS**

**County Judge Executives**  
Jeff Noble - Breathitt Co. Jeff  
Dobson - Knott Co. Chuck  
Caudill - Lee Co. William R.  
Lewis - Leslie Co. Terry  
Adams - Letcher Co. Cale  
Turner - Owsley Co. Scott  
Alexander - Perry Co.  
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Gary Campbell  
Ray D. Moore  
Larry Parke  
Larry Perkins  
Zach Sandlin  
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Eugene Stewart  
Everett Marshall  
Doug Brandenburg  
Fred Half Jack  
Burklich Dale  
Bishop Derrick  
Bowling Neil  
Napier Gregory  
Whitson  
Meriwether Wash-Hall  
Pam Pilgrim  
Shirley Halcomb

**Executive Director**  
Michelle Allen

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

Mr. Craig Potts  
Executive Director/State Historic Preservation Officer  
Kentucky Heritage Council  
300 Washington Street  
Frankfort, KY 40601

RE: Drone Port Water & Sewer Project (WX21119024;SX21119015)

Dear Mr. Potts:

The Troublesome Creek Environmental Authority is in the process of conducting an environmental review pursuant to the State Environmental Review Process for an ARC Grant for the above referenced project. The purpose of the review is to assess the environmental impacts of the Drone Port Water & Sewer Project in Knott County, Kentucky.

Enclosed is the KHC cover sheet for Section 106 Review and Compliance containing project information. Also enclosed you will find project maps and photographs of the project site including anything over 50 years of age visible from the project site.

As documented by the maps and supporting documentation enclosed, there will be ground disturbance in previously disturbed highway right-of-way, existing easements, and on reclaimed abandoned mine land. Due to the nature of the project, we feel that there will be no effect on properties eligible for the Historic Register or on any historical structures. Please advise us of any present concerns your office may have related to possible effects of the above mentioned project.

We would appreciate a response within 30 days, if possible. If you need any further information or wish to discuss the project, please feel free to contact me at (606) 436-3158 or by email at jennifer@kradd.org.

Sincerely,

*Jennifer McIntosh*

Jennifer McIntosh  
Water & Wastewater Planner

enclosures

CC: Troublesome Creek Environmental Authority/file

**KENTUCKY HERITAGE COUNCIL COVER SHEET  
FOR SECTION 106 REVIEW AND COMPLIANCE**

*When federal (and some state) funds, permits or approvals are needed for a project, regulations such as 36 CFR Part 800 require these agencies or their delegates to consult with the Kentucky Heritage Council/State Historic Preservation Office regarding the project's potential effects on historic properties. To facilitate our review, please provide the following information and applicable attachments. Our office will generate a response within 30 days of receipt. Incomplete submissions may be returned for more information.*

**SECTION 1: APPLICANT INFORMATION**

**Project Sponsor or Applicant:** Troublesome Creek Environmental Authority

**Contact Person (name & position):** Jennifer McIntosh, Water & Wastewater Planner

**Return Address:** 941 North Main Street, Hazard, KY 41701

**Telephone:** 606-436-3158      **Fax:** 606-436-2144

**Project Title:** Drone Port Water & Sewer Project

**SECTION 2: AGENCY INFORMATION**

**Funding/Permitting Agency:** Appalachian Regional Commission

**Agency Contact Person (name & position):** Scott Sharp, ARC Program Manager

**Telephone:** 502-892-3476      **E-mail:** scott.sharp@ky.gov

**SECTION 3: PROJECT LOCATION**

**E911 Street Address (or other description):** Starfire Haul Rd, Bulan, KY 41722

**City/Township:** Hindman      **County:** Knott

**Latitude:** 37°23'9.448"N      **Longitude:**

**SECTION 4: PROJECT TYPE (please check all that apply)**

**Proposed Activity:**  Demolition     Rehabilitation     Structural Relocation     Trails

New Construction     Land and/or Building Acquisition     Sewer/Water Lines     Roads/Bridges

Non-Construction Planning/Refinancing     Other (describe):

**SECTION 5: IDENTIFICATION OF KNOWN HISTORIC PROPERTIES**

**KHC Preliminary Site Check #:** 58214658      **OSA Preliminary Site Check #:** P265948

***If your project involves ground disturbance, has the site been previously disturbed?***

Yes (describe in detail below)     No

Yes, the project does involve ground disturbance; all of the ground disturbance will be performed in previously disturbed abandon mine land.

**Is there anything over 50 years of age in or visible from the project location?**     Yes     No

**SECTION 6: ATTACHMENTS - Attach all as applicable**

*All documentation should be labeled with the project name or site address.*

Clear, current photographs of the project site and anything over 50 years of age in or visible from it.

Site map/plan indicating the exact location and boundaries of the project area.

Detailed description of the project (may include plans, scope of work, and other available information.)

Documentation of prior ground disturbance (e.g. maps, photographs, underground utility plans, etc.)

Any known information about the history/use of the property and local significance.

**Submit all information to Craig Potts, Executive Director/SHPO, Kentucky Heritage Council, 410 High Street, Frankfort, KY 40601.**

The project will extend water and sewer service to the USA Drone Port located off KY Highway 1087 in Vest, KY. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

Extending water and sewer service to the USA Drone Port will have an economic impact on both Knott and Perry Counties as well as the surrounding region. The USA Drone Port recently received funding to construct an indoor flight facility. This project will extend the necessary water and sewer infrastructure to the facility and allow the complex to be ready for educational and commerce activities that are already in negotiations. The USA Drone Port already has contractors in place for first responders from several states.

The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region. This project is consistent with the goals and strategies of the KRADD Comprehensive Economic Development Strategy (CEDS).

The Troublesome Creek Environmental Authority was established in 2008. It is a 501 (c) (3) non-profit and represents over fourteen thousand residents in Breathitt, Knott and Perry Counties. This is one of several projects the Environmental Authority has undertaken in an effort to clean up waterways and help promote economic development in the region.

The center point for GPS coordinates for this project are 37°23'9.448"N; -83°6'3.272"W. The project is located on reclaimed mine land and therefore is on previously disturbed land. There will be minimal to no tree removal and majority of the project will occur on right-of-way. The portion occurring on easement will be on the reclaimed mine land therefore land has been previously disturbed.

# Kentucky Heritage Council

## Site Identification Program

410 High Street, Frankfort, KY 40601

Confidential Information Not for Public Release

*This information report includes only those historic resources within or near the project area that have been previously recorded with the Site Identification Program of the Kentucky Heritage Council and may not be exhaustive of all historic resources that are actually present. Note: this information report does not constitute Section 106 consultation or "clearance" from the KHC/SHPO.*

**KHC Preliminary Request #: 58214658**

Preliminary Historic Resources Check Performed On: 7/13/2020

There were no previously recorded historic resources within or adjacent to your project area.



**Kentucky Office of State Archaeology**  
University of Kentucky, 1020A Export Street, Lexington, KY 40506  
Phone:859-257-1944 Fax:859-323-1698 email:ky-osa@lsv.uky.edu

**Confidential Information**  
**Not for Public Release**

**Preliminary Records Review Coversheet**

**Date Request Processed:** 07/10/2020

**Preliminary Review Number:** 265948

**Paid via:**  Check (Check No.: )

Credit Card (Transaction ID: 1519324572)

*If you have any questions, please contact KyOSA at (859)257-1944 or [ky-osa@lsv.uky.edu](mailto:ky-osa@lsv.uky.edu).*

## **Kentucky Office of State Archaeology**

University of Kentucky, 1020A Export Street, Lexington, KY 40506  
Phone:859-257-1944 Fax:859-323-1698 email:ky-osa@lsv.uky.edu

**Confidential Information**  
**Not for Public Release**

**Prelim Review Number: 265948**

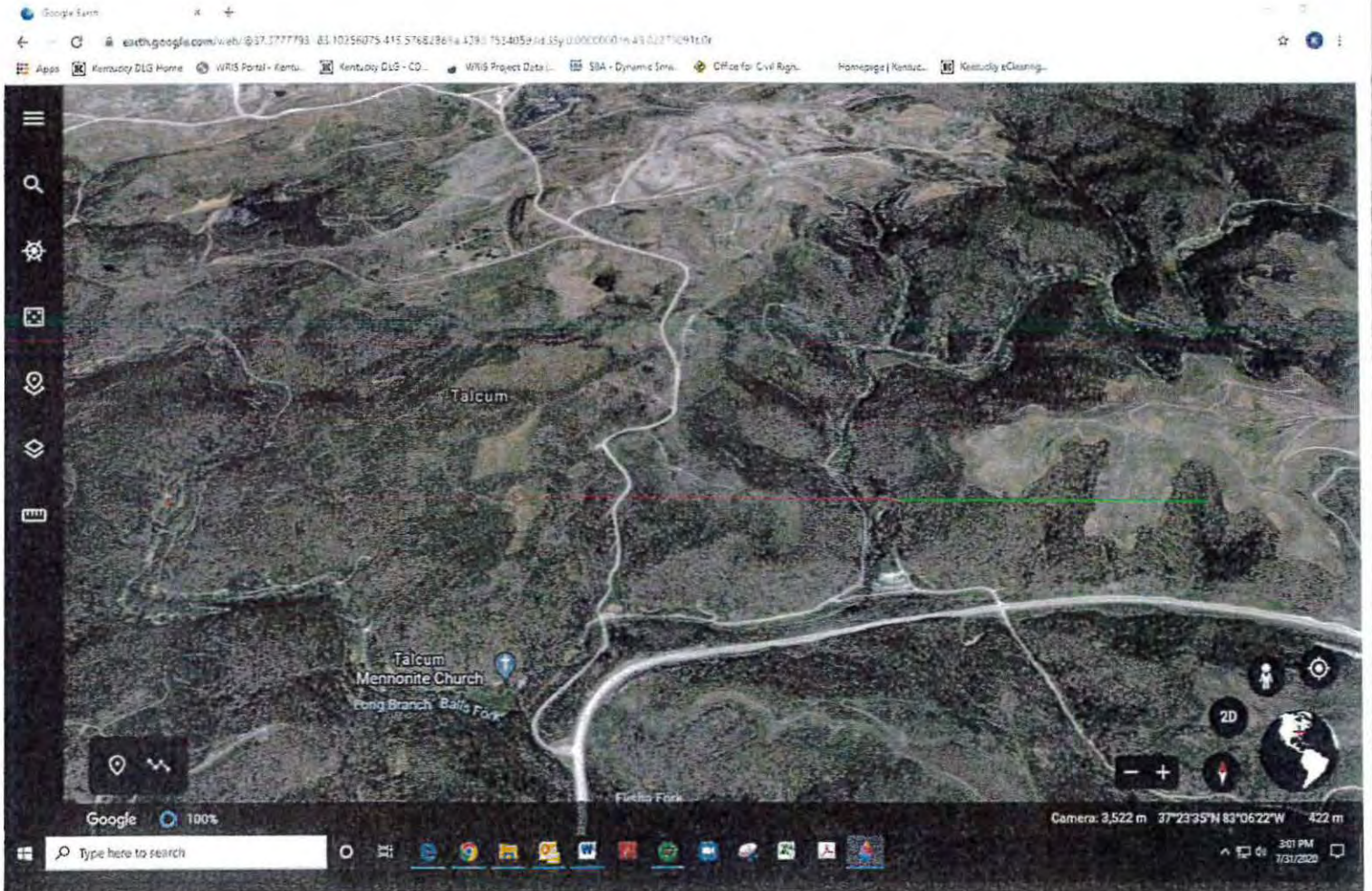
**Title: Knott Co Waterline to Drone Port**

Review Performed On: 07/10/2020

This report includes only previously recorded archaeological resources within your project area and its immediate vicinity and may not be exhaustive of all archaeological resources actually present. **This information does not constitute Section 106 consultation or 'clearance' from the KHC/SHPO.**

### Review Results

There are no previously recorded archaeological sites or surveys within your project area or an additional 30 m buffer.



Aerial view of Project Site

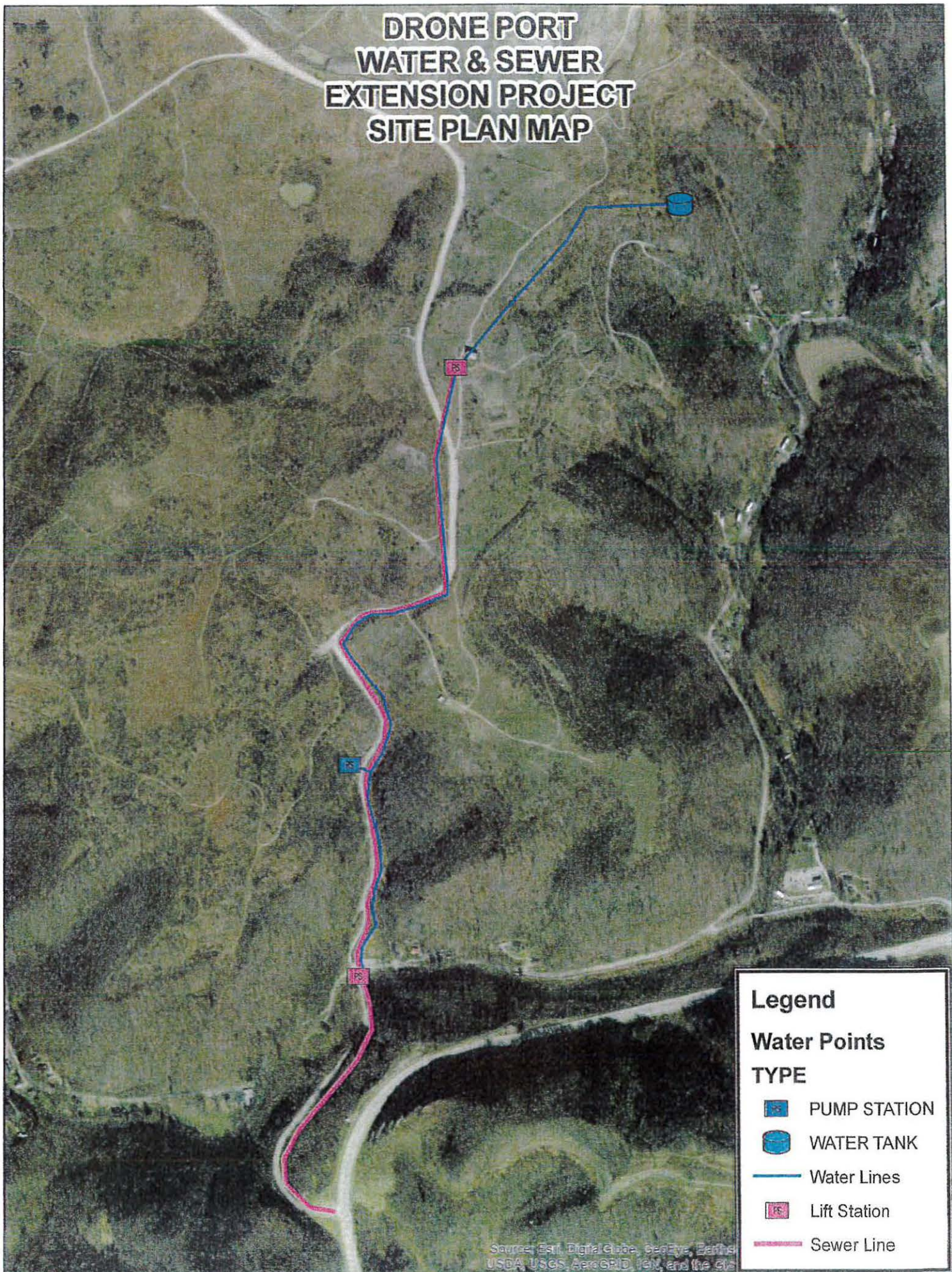
GPS Coordinates:

Latitude:  $37^{\circ}23'35''N$

Longitude:  $-83^{\circ}06'22''W$








# DRONE PORT WATER & SEWER EXTENSION PROJECT SITE PLAN MAP



**Legend**

**Water Points**

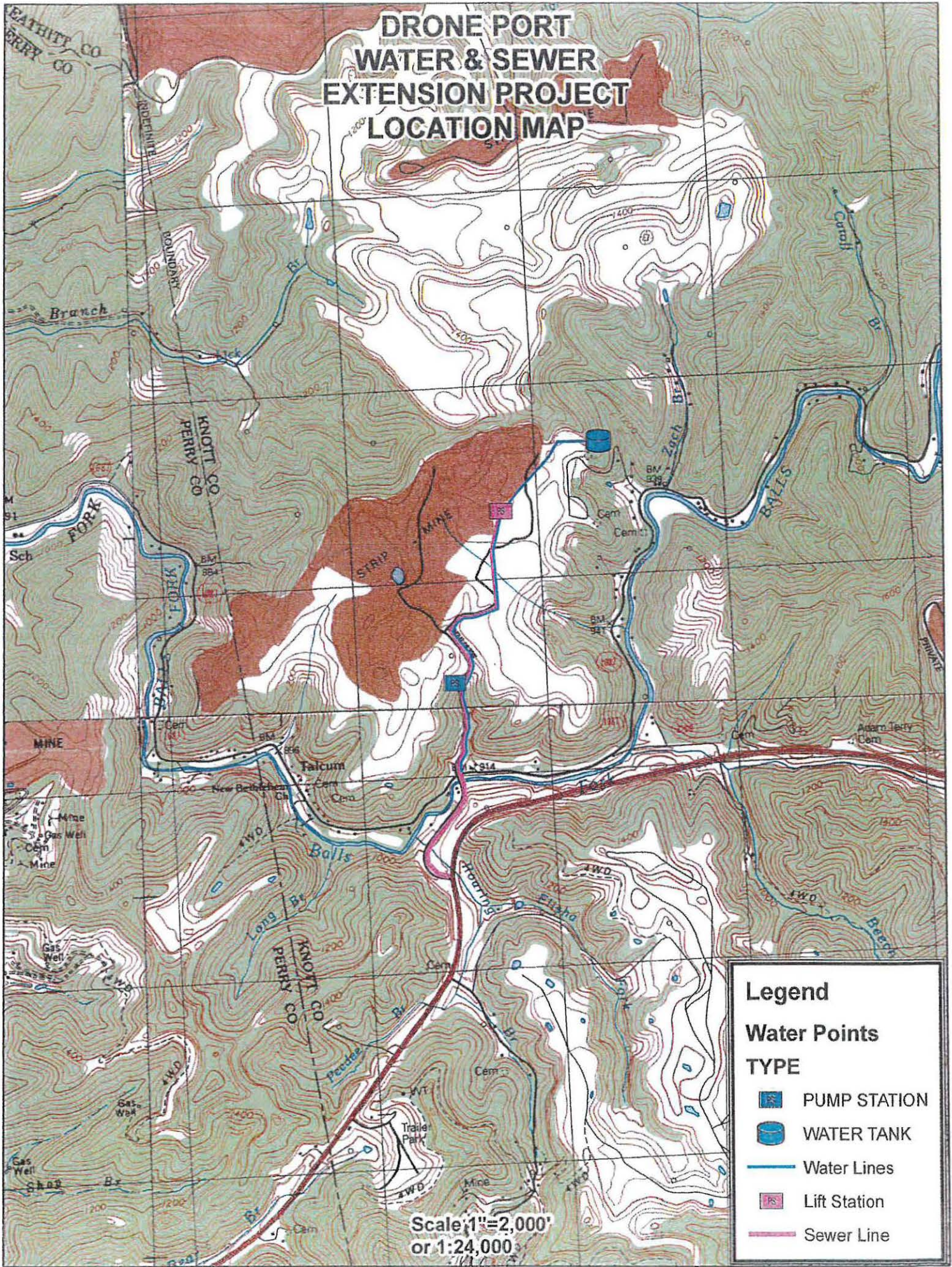
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Source: Esri, Digital Globe, GeoEye, Earthstar, USDA, USGS, AeroGRID, IGN, and the GIS








# DRONE PORT WATER & SEWER EXTENSION PROJECT LOCATION MAP



**Legend**

**Water Points**

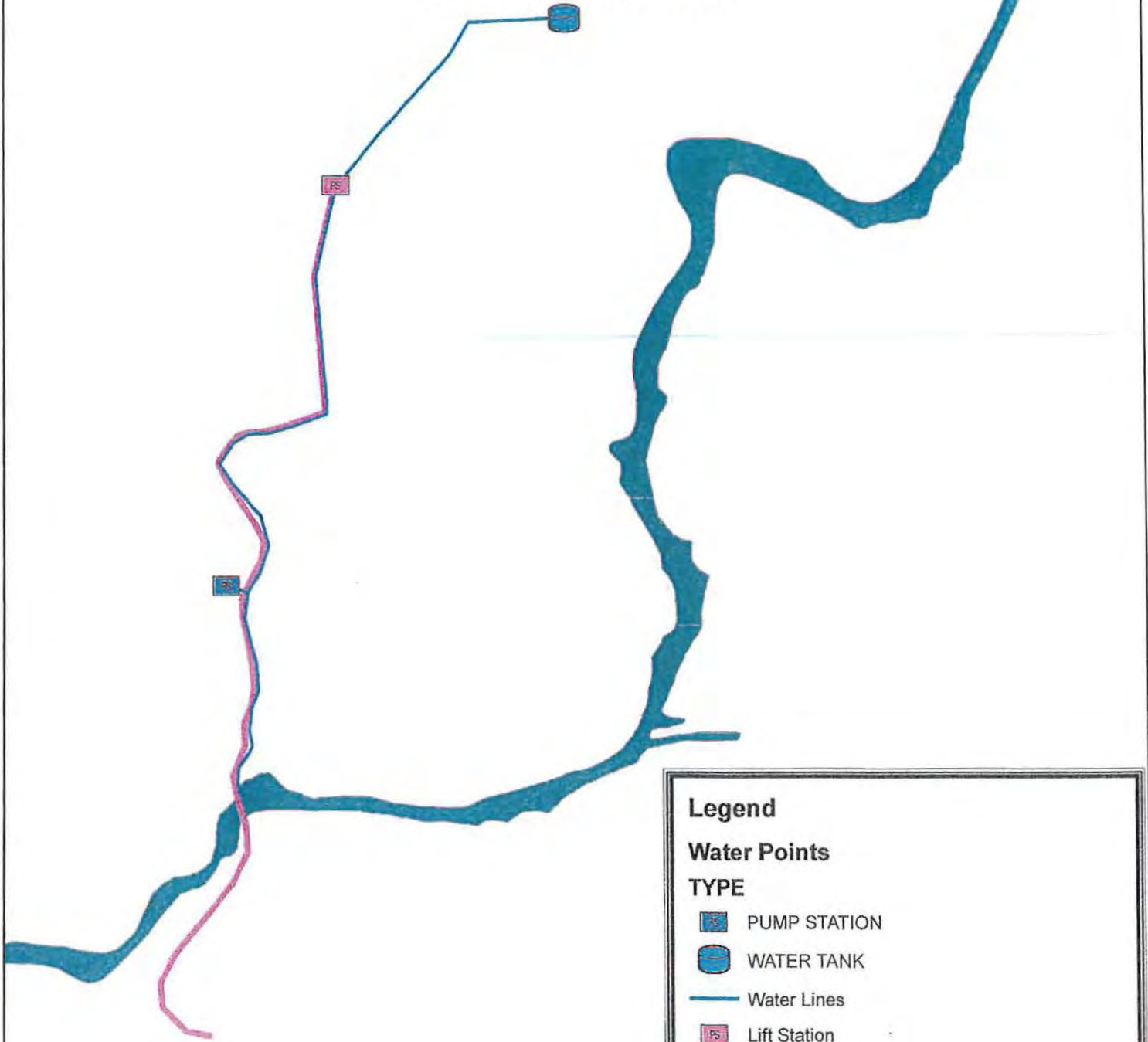
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Scale 1"=2,000'  
or 1:24,000




# DRONE PORT WATER & SEWER EXTENSION PROJECT FLOODPLAIN MAP



## Legend


### Water Points


#### TYPE

 PUMP STATION


 WATER TANK

 Water Lines

 Lift Station


 Sewer Line

### FLOODWAY

 FLOODWAY

### FEMA DFIRM - Floodplain

#### FLD\_ZONE

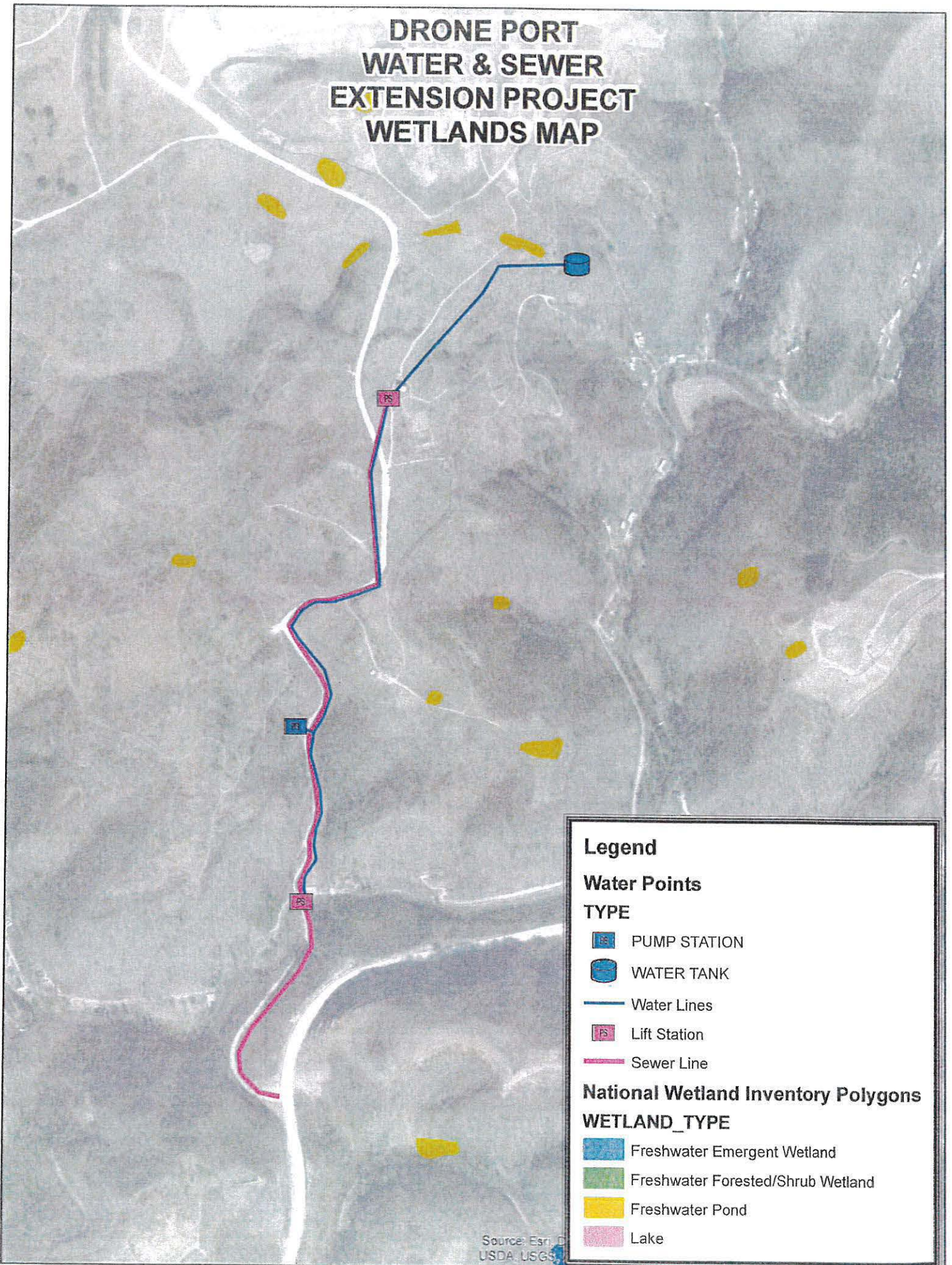
 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

 A

 AE



# DRONE PORT WATER & SEWER EXTENSION PROJECT WETLANDS MAP




## Legend


### Water Points

#### TYPE

 PUMP STATION

 WATER TANK


 Water Lines


 Lift Station


 Sewer Line

### National Wetland Inventory Polygons

#### WETLAND\_TYPE

 Freshwater Emergent Wetland

 Freshwater Forested/Shrub Wetland

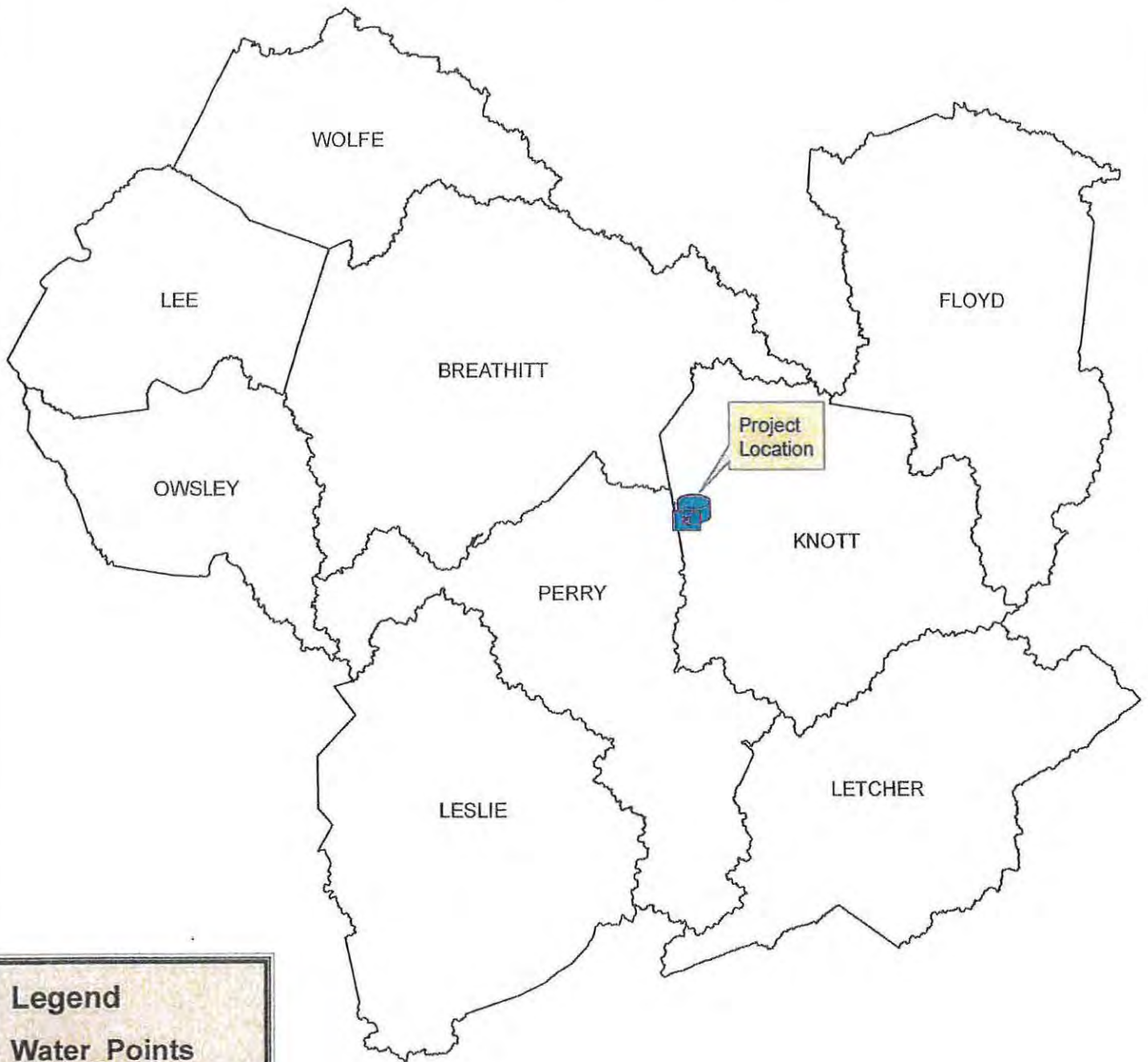
 Freshwater Pond

 Lake

Source: Esri, D  
USDA, USGS




# DRONE PORT WATER & SEWER EXTENSION PROJECT AFFECTED AREA MAP




## Legend


### Water\_Points


#### TYPE


 PUMP STATION

 WATER TANK

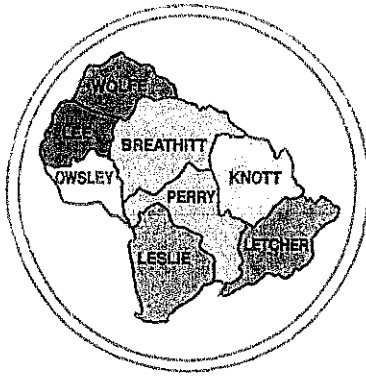
 Sewer\_Points

 Water\_Lines

 Sewer\_Line

 Counties In Area





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

941 NORTH MAIN STREET • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

October 9, 2020

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Gregory Whitson  
Meriwether Wash-Hall  
Pam Pilgrim  
Shirley Halcomb

**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

Federal Emergency Management Agency  
Region IV  
3003 Chamblee Tucker Road  
Atlanta GA 30341

**RE: Drone Port Water and Sewer Extension Project**

Dear Sir or Madam:

Troublesome Creek Environmental Authority has been approved funding through the Appalachian Regional Commission Grant for the above referenced project. A scoping letter was originally submitted to your agency on December 18, 2019 for this project. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

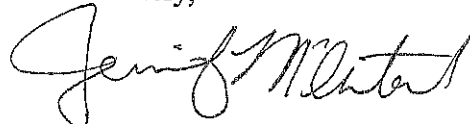
The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any issues under your jurisdiction for Wolfe County or the Commonwealth of Kentucky. I have enclosed a 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: [jennifer@kradd.org](mailto:jennifer@kradd.org).

Thank you, for your time and assistance.

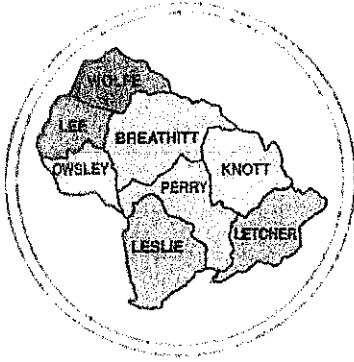
Sincerely,

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

Jennifer McIntosh  
Water and Wastewater Planner

enclosures





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

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

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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)

December 18, 2019

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

**RE: Drone Port Water and Sewer Extension Project**

Dear Perri:

Troublesome Creek Environmental Authority has submitted an application for an Economic Development Administration Grant for the above referenced project. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

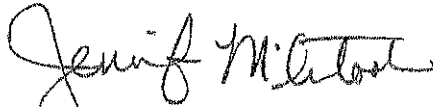
The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any environmental areas within your jurisdiction.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

Thank you, for your time and assistance.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer McIntosh". The signature is written in black ink and is positioned above the printed name.

Jennifer McIntosh  
Water & Wastewater Planner

enclosures





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

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

August 12, 2020

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FAX NUMBER 606-436-2144  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

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

**RE: Drone Port Water and Sewer Extension Project (WX21119024;  
SX21119015)**  
**IPaC Consultation Code: 04EK1000-2020-SLI-1472**

Dear Mr. Lee Andrews:

Troublesome Creek Environmental Authority has submitted an application for an Appalachian Regional Commission Grant for the above referenced project. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

The center point for GPS coordinates for this project are 37°23'9.448"N; - 83°6'3.272"W. This project is on reclaimed mine land. There will be minimal to no tree removal and the majority of the project will occur on right-of-way. The portion occurring on easements will be on the reclaimed mine land, therefore land has been previously disturbed.

The IPAC generated a total of four (4) threatened, endangered, or candidate species. The species identified were Gray Bat, the Indiana Bat, the Northern Long-eared Bat and the Kentucky Arrow Darter.

Direct effects – The project will utilize best management practices and will observe local sedimentation and erosion control ordinances, therefore very little minimal surface disturbance should occur during construction causing minimal effects to the surrounding environment.

Indirect effects – With the extension of the waterline and sewer line to the Drone Port there is the possibility that future expansion of the Drone Port would occur.

Cumulative effects – The water and sewer service will assist the Drone Port in being able to build their facilities and growing their business. They expect to employ 12 new positions in the next 3 years at the site and have 200+ jobs in the region available.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands; vegetation; and animal life (ie., disruption or alteration of habitat); and potential impact upon endangered or threatened species. I have enclosed a 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: [jennifer@kradd.org](mailto:jennifer@kradd.org).

Thank you, for your time and assistance.

Sincerely,

*Jennifer McIntosh*

Jennifer McIntosh  
Water and Wastewater Planner





# Kentucky River

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**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

October 12, 2020

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

**RE: Drone Port Water and Sewer Extension Project**

Dear Sir or Madam:

Troublesome Creek Environmental Authority has been approved funding for an Appalachian Regional Commission Grant for the above referenced project. I originally submitted this project to you for comments on December 19, 2019. I wanted to verify that the comments I received from you on January 7, 2020 are still valid. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

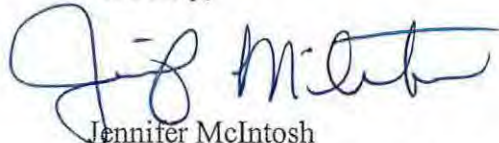
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The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential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

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Thank you, for your time and assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. McIntosh". The signature is fluid and cursive, with the first name "J." and the last name "McIntosh" clearly visible.

Jennifer McIntosh  
Water and Wastewater Planner

enclosures





# Kentucky River

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941 NORTH MAIN STREET • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

October 12, 2020

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##### Executive Director

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

Russell Townsend, THPO  
Eastern Band of Cherokee Indians  
Qualla Boundary Reservation  
PO Box 455  
Cherokee, NC 28719

## RE: Drone Port Water and Sewer Extension Project

Dear Mr. Townsend:

Troublesome Creek Environmental Authority has been approved funding for an Appalachian Regional Commission Grant for the above referenced project. I originally submitted this project to you for comments on December 19, 2019. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any historic properties in the project area that may have religious and cultural significance to your tribe. 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: [jennifer@kradd.org](mailto:jennifer@kradd.org). Thank you, for your time and assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jennifer McIntosh". The signature is stylized with a large initial "J" and a long horizontal flourish extending to the right.

Jennifer McIntosh  
Water & Wastewater Planner

enclosures





# Kentucky River

AREA  
DEVELOPMENT  
DISTRICT

941 NORTH MAIN STREET • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

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Mayor  
Tracy Neice

**VICE-CHAIRMAN**  
Gregory Whitson

**TREASURER**  
Mayor  
Laura Thomas

**SECRETARY**  
Judge Executive  
Chuck Caudill, Jr.

**PARLIAMENTARIAN**  
Fred Hall

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Cale Turner - Owsley County  
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Todd DePriest - Jenkins  
Nelson Bobrowski - Booneville  
Ernest Back - Vicco  
Donald "Happy" Mobelini - Hazard  
Tom Burns - Buckhorn  
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Larry Perkins  
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Fred Hall  
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Dale Bishop  
Derrick Bowling  
Lonnie Brewer  
Gregory Whitson  
Meriwether Wash-Hall  
Pam Pilgrim  
Shirley Halcomb

**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

October 12, 2020

Louanna Aldridge  
Department for Environmental Protection  
300 Sower Blvd, 2nd Floor  
Frankfort, KY 40601

**RE: Drone Port Water and Sewer Extension Project**

Dear Ms. Aldridge:

Troublesome Creek Environmental Authority has been approved funding for an Appalachian Regional Commission Grant for the above referenced project. I originally submitted this project to you for comments on December 19, 2019. I wanted to verify that the comments I received from you on January 13, 2020 are still valid. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

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

- Division for Air Quality
- Division of Waste Management

- Division of Water
- Division of Water – Floodplain Management

I have enclosed a project location, floodplain, and wetlands map(s) and project description for your reference.

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

Thank you, for your time and assistance.

Sincerely,

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Jennifer McIntosh  
Water and Wastewater Planner

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October 12, 2020

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**Executive Director**

Michelle Allen

E-Mail: michelle@kradd.org  
FAX NUMBER 606-436-3154  
TDD NUMBER 1-800-247-2510  
(Hearing Impaired)

Justin Branham  
U.S. Army Corps of Engineers  
Louisville District Eastern Kentucky Regulatory Office  
845 Sassafras Creek RD  
Sassafras, KY 41759

## RE: Drone Port Water and Sewer Project

Dear Mr. Branham:

Troublesome Creek Environmental Authority has been approved funding for an Appalachian Regional Commission Grant for the above referenced project. I originally submitted this project to you for comments on December 19, 2019. This project is to extend water and sewer service to the Drone Port located on Starfire Haul Road in Knott County, Kentucky. The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region.

The USA Drone Port is located on Starfire Haul RD off of Highway 1087 in the community of Vest. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.


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

Your comments address beneficial or adverse impacts or, both. I

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

Thank you, for your time and assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jennifer McIntosh". The signature is fluid and cursive, with the first name "Jennifer" written in a larger, more prominent script than the last name "McIntosh".

Jennifer McIntosh  
Water and Wastewater Planner

enclosures



The project will extend water and sewer service to the USA Drone Port located off KY Highway 1087 in Vest, KY. The sewer project will include 7,500 linear feet of 4" Force Main and one Lift Station. The water project will include 7,200 linear feet of 6" waterline, a 75 GPM Booster Pump Station, a 50,000 gallon ground water storage tank and a master meter with SCADA.

Extending water and sewer service to the USA Drone Port will have an economic impact on both Knott and Perry Counties as well as the surrounding region. The USA Drone Port recently received funding to construct an indoor flight facility. This project will extend the necessary water and sewer infrastructure to the facility and allow the complex to be ready for educational and commerce activities that are already in negotiations. The USA Drone Port already has contractors in place for first responders from several states.

The project will create 12 direct jobs and 206 indirect jobs over a 3-year span. The KRADD Water Management Council in conjunction with both the Knott County Fiscal Court and Perry County Fiscal Court have deemed this project a high priority due to the amount of jobs it will create for the region. This project is consistent with the goals and strategies of the KRADD Comprehensive Economic Development Strategy (CEDS).

The Troublesome Creek Environmental Authority was established in 2008. It is a 501 (c) (3) non-profit and represents over fourteen thousand residents in Breathitt, Knott and Perry Counties. This is one of several projects the Environmental Authority has undertaken in an effort to clean up waterways and help promote economic development in the region.

The center point for GPS coordinates for this project are 37°23'9.448"N; -83°6'3.272"W. The project is located on reclaimed mine land and therefore is on previously disturbed land. There will be minimal to no tree removal and majority of the project will occur on right-of-way. The portion occurring on easement will be on the reclaimed mine land therefore land has been previously disturbed.



# DRONE PORT WATER & SEWER EXTENSION PROJECT SITE PLAN MAP



**Legend**

**Water Points**

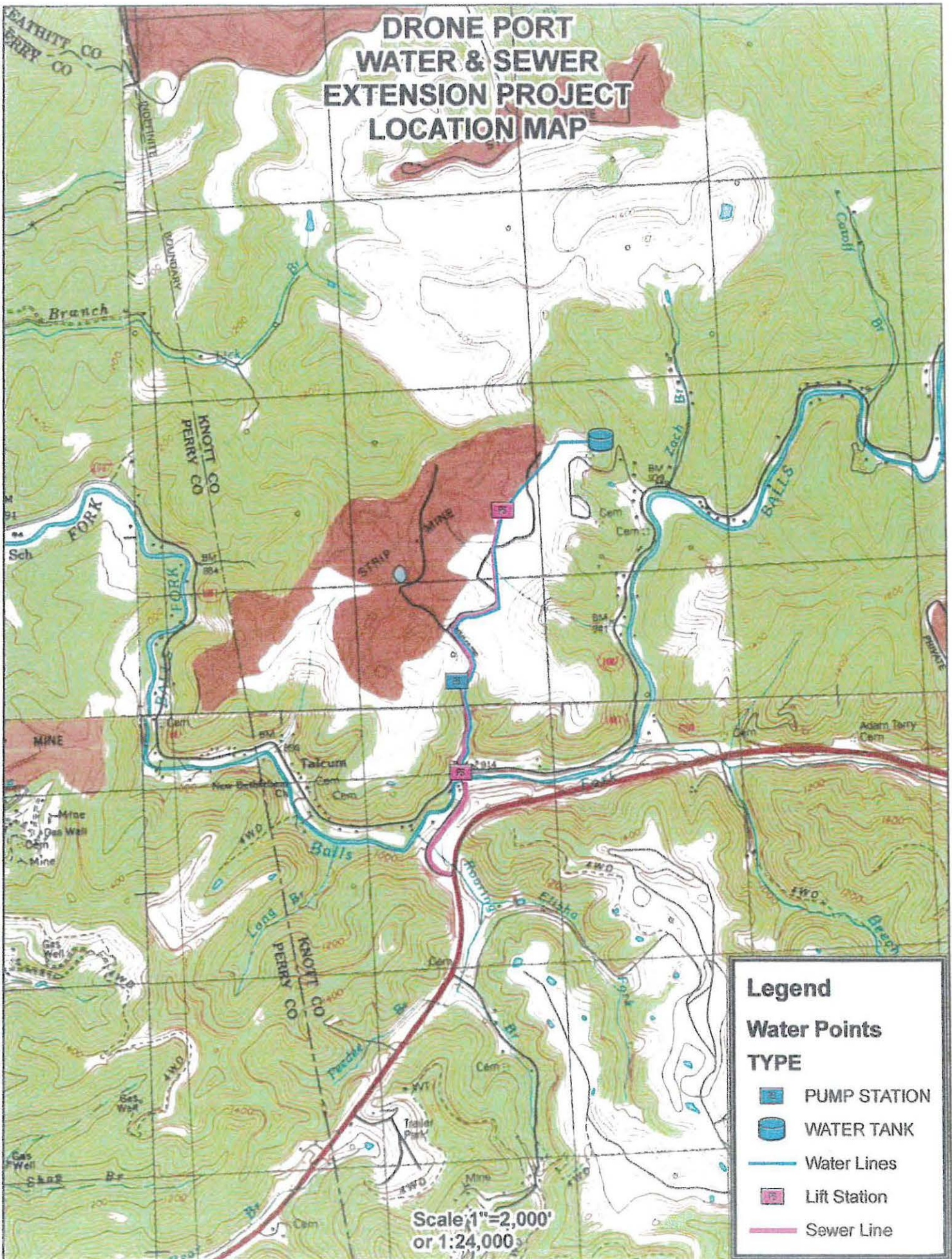
**TYPE**

- PUMP STATION
- WATER TANK
- Water Lines
- Lift Station
- Sewer Line

Sources: 311, Digital Globe, Google, Earth, USDA, USGS, Aerial GIS, IGN, and the City








# DRONE PORT WATER & SEWER EXTENSION PROJECT LOCATION MAP



**Legend**

**Water Points**

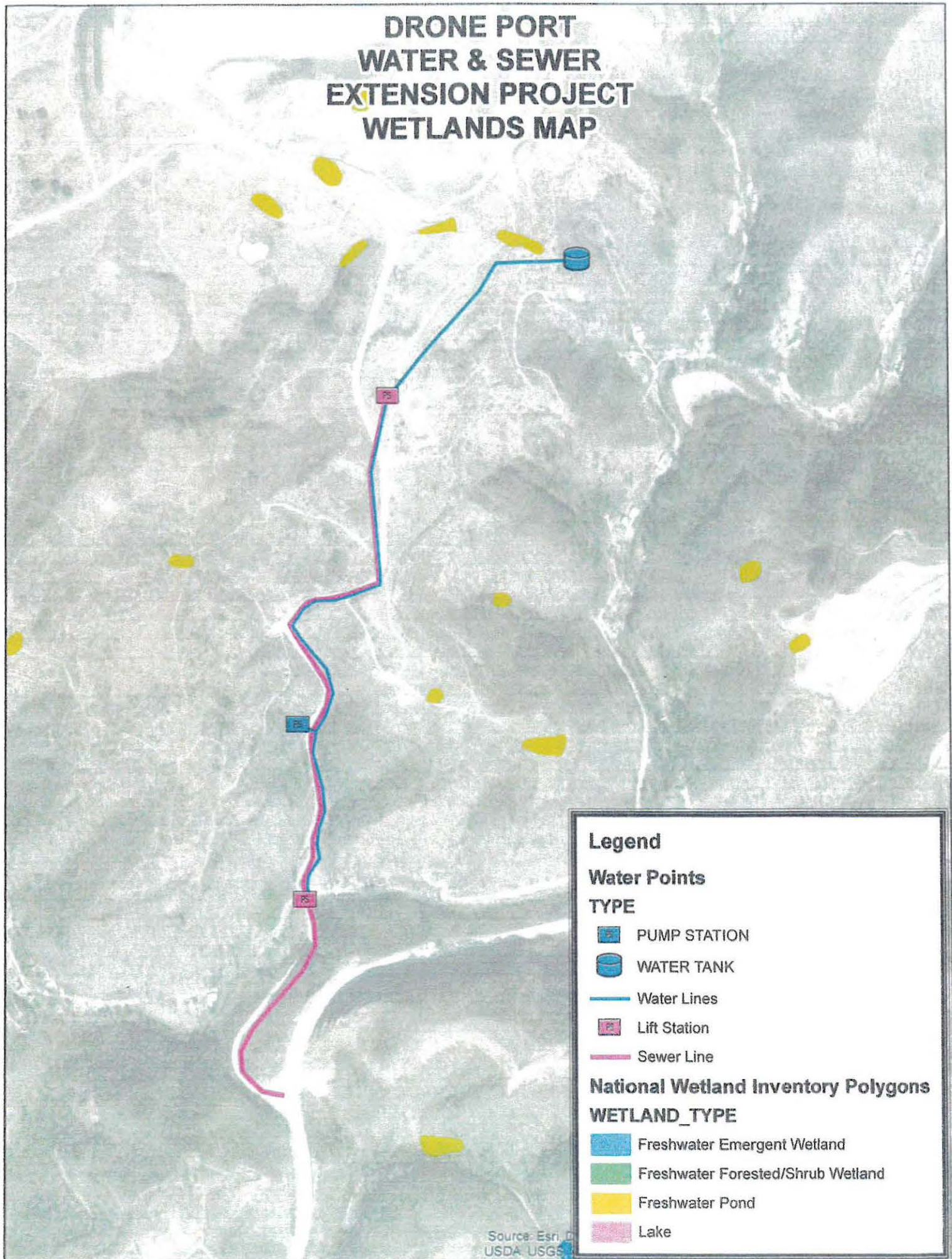
**TYPE**

-  PUMP STATION
-  WATER TANK
-  Water Lines
-  Lift Station
-  Sewer Line

Scale: 1"=2,000'  
or 1:24,000



# DRONE PORT WATER & SEWER EXTENSION PROJECT WETLANDS MAP



## Legend


### Water Points


#### TYPE

 PUMP STATION

 WATER TANK


 Water Lines

 Lift Station


 Sewer Line

### National Wetland Inventory Polygons

#### WETLAND\_TYPE

 Freshwater Emergent Wetland

 Freshwater Forested/Shrub Wetland

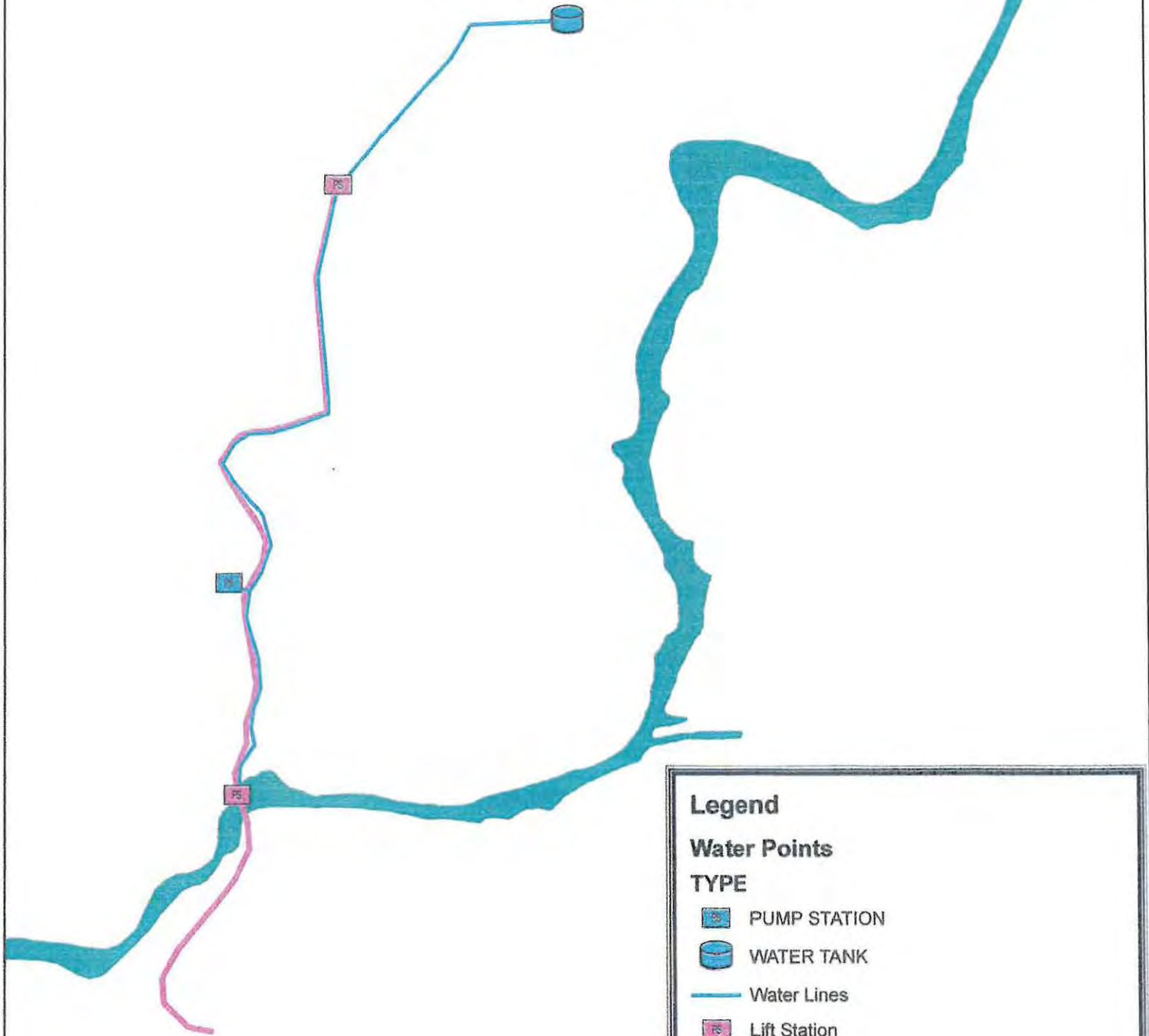
 Freshwater Pond

 Lake

Source: Esri, D  
USDA, USGS



# DRONE PORT WATER & SEWER EXTENSION PROJECT FLOODPLAIN MAP



**Legend**

**Water Points**

**TYPE**

- PUMP STATION
- WATER TANK
- Water Lines
- Lift Station
- Sewer Line

**FLOODWAY**

- FLOODWAY

**FEMA DFIRM - Floodplain**

**FLD\_ZONE**

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE