

ENVIRONMENTAL REVIEW

FOR THE

JACKSON WATERLINE REPLACEMENT PHASE I PROJECT

BY

CITY OF JACKSON

PREPARED BY

KENTUCKY RIVER AREA DEVELOPMENT DISTRICT

ON BEHALF OF THE

CITY OF JACKSON

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U.S. Department of Housing and
Urban Development
451 Seventh Street,
SW Washington, DC
20410 www.hud.gov

espanol.hud.gov

Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

Project Information

Project Name: Jackson Waterline Replacement Phase I

Responsible Entity: City of Jackson

Grant Recipient (if different than Responsible Entity):
State/Local Identifier: 19-021

Preparer: Jennifer McIntosh, Kentucky River Area Development District

Certifying Officer Name and Title: Laura Thomas, Mayor

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable):

Direct Comments to: Jennifer McIntosh
KY River Area Development District
941 N. Main St.
Hazard KY 41701
jennifer@kradd.org

Project Location: Main Street Longitude -83°23'0.545"W, Latitude 37°33'14.861"N,
Highland Avenue Longitude -83°22'44.82"W, Latitude 37°33'12.771"N, Hurst LN Longitude
-83°22'59.247"W, Latitude 37°33'10.548"N, Patton Avenue Longitude -83°22'50.712"W,
Latitude 37°33'8.09"N, Bobcat Ln Longitude -83°23'6.337"W, Latitude 37°33'20.064"N,
Quicksand Rd Longitude -83°23'2.987"W, Latitude 37°33'8.052"N, Jefferson Avenue
Longitude -83°22'54.106"W, Latitude 37°33'14.934"N, Cherry Street Longitude
-83°23'8.094"W, Latitude 37°33'14.499"N, River Street Longitude -83°23'15.659"W, Latitude
37°33'11.337"N, Sycamore Street Longitude -83°23'11.461"W, Latitude 37°33'10.166"N,
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-83°23'10.578"W, Latitude 37°33'13.12"N, Elm Street Longitude -83°23'7.643"W, Latitude
37°33'19.633"N, Court Street Longitude -83°23'6.183"W, Latitude 37°33'15.889"N, Hargis
Lane Longitude -83°22'57.637"W, Latitude 37°33'18.288"N, Ison Street Longitude

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-83°22'49.254"W, Latitude 37°33'15.547"N, Short Street Longitude -83°22'55.292"W,
Latitude 37°33'8.526"N, Smith Lane Longitude -83°23'6.494"W, Latitude 37°33'10.638"N,
Hogg Street Longitude -83°23'6.774"W, Latitude 37°33'13.678"N, Warrix Drive Longitude
-83°23'13.336"W, Latitude 37°33'10.376"N, Bays Street Longitude -83°23'10.705"W,
Latitude 37°33'18.152"N, Kentucky Avenue Longitude -83°22'38.971"W, Latitude
37°33'18.368"N and Lincoln Avenue Longitude -83°22'44.228"W, Latitude 37°33'17.845"N

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]: The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

The City of Jackson's existing cast iron waterlines in the downtown area are nearing 100-years old. These waterlines were installed when the City was constructed in the early 1920's and have never been replaced. In addition to being well-aged past their useful life, these lines are buried 14-feet deep making repairs very difficult and costly. Consistent repairs are having to be performed on these lines. Due to the depth and age of the current lines when breaks occur, the City of Jackson experiences excessive water loss. Replacing these waterlines will reduce the severity of breaks, as well as reducing the stress on the water treatment plant. Replacement of the aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serves.

Existing Conditions and Trends [24 CFR 58.40(a)]:

Replacing the old line with new PVC line will reduce overall operations and maintenance cost. The new line will reduce the likelihood of breaks; however, should one occur, the distribution crew will no longer have to dig 14-feet to repair it as the new line will only be 3-feet deep. The addition of 28 new gate valves to the system will allow the crew to isolate leaks and prevent the entire system from having to be shutdown to repair them. The project will also replace 300 radio read meters to the customers in the immediate project area allowing the City to correctly read their monthly usage and collect the accurate amount of revenue. The project will also directly benefit the entire pressure zone as well as the Breathitt County Water District area that the City wholesales to from this section. If lines in Downtown Jackson break, or need maintenance, the entire system must be taken off line. This forces the Breathitt County Water District to either go

offline or to pull tremendous amounts of water from the City of Jackson beforehand to fill tanks which also puts an enormous strain on the city system. The City also experiences a high water loss and this project will assist in reducing that. Due to the line breaks and high water loss the water plant has to overcompensate and produce higher volumes than normal. This is causing considerable strain on the plant. The new lines will greatly reduce the amount of stress the plant is under and will prevent costly repairs and replacement issues that will have to be made in the future should the strain continue

Funding Information

Grant Number	HUD Program	Funding Amount
CDBG 19-021	CDBG	1,000,000
ARC 19-021	ARC	1,000,000

Estimated Total HUD Funded Amount: \$1,000,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$2,000,000

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>There are no airports on or near any of the proposed project areas. No impact.</i>
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>The City of Jackson, Breathitt County, KY does not have Coastal areas.</i>
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>The City of Jackson has completed the eight step process per the required 24 CFR 55 since sections of the water project appear to be located within the</i>

<p>Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>		<p><i>bounds of the 100-year floodplain. The City of Jackson does participate in the National Flood Insurance Program. The Kentucky Environmental Protection Cabinet Floodplain Branch stated that for projects not covered under 401 KAR 4:050; if the project constructs across or along a stream a permit must be submitted. The Floodplains and Wetlands Early Public Notice was ran in the April 1, 2020 edition of The Jackson-Breathitt County Times Voice. The Floodplain and the Wetland Notice of Explanation was run in the April 22, 2020 edition of The Jackson-Breathitt County Times Voice. No public comments were received.</i></p>
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STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5

<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p><i>Minimal impact. According to letter dated May 7, 2020 from the Energy and Environment Cabinet in which Louanna Aldridge states the following: Required to control fugitive dust by 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. Suggestions include: Utilize alternatively fueled equipment, utilize other emission controls that are applicable to your equipment, and reduce idling time on equipment.</i></p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p><i>There are no coastal areas in the City of Jackson, Breathitt County, KY. No impact.</i></p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p><i>The US EPA web site database was searched in order to identify any listed contamination areas, none were noted. No impact.</i></p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p><i>According to Virgil Lee Andrews/Jennifer Garland letter dated 4/1/2020, "Significant impacts to federally-listed species are not likely to result from this project as currently proposed."</i></p> <p><i>According to Dan Stoelb letter dated 3/25/20, "the KDFWR does not anticipate impacts to federally or state-listed threatened/endangered species, critical habitats, unique natural areas, or any</i></p>

		<i>other sensitive habitats.”</i>
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<i>No impact. There will be no above ground storage tanks with explosive and/or flammable materials on or near the project. The Breathitt County Board of Education Bus garage active underground storage tank site is not within 200 feet of the waterline replacement and therefore there should no effect. The remaining sites have been closed; however should an underground storage tank be encountered the KDWM will be notified.</i>
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<i>No impact. Per letter dated 4/2/20 from Perri Pedley, Soil Scientist, NRCS, “no conversion of agricultural lands (Prime or Statewide Important Farmland) will occur or be negatively impacted by the proposed undertaking. Therefore, this office has no other concerns at this time.”</i>
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	<i>The Kentucky Environmental Protection Cabinet Floodplain Branch stated that for projects not covered under 401 KAR 4:050; if the project constructs across or along a stream a permit must be submitted. The City of Jackson has applied for a floodplain permit for the project. A 404 permit has also been applied for the project. The City of Jackson has completed the eight step process per the required 24 CFR 55 since a section of the water project appears to be located within the bounds of the 100-year floodplain. The City of Jackson does participate in the National Flood Insurance Program. The Floodplains and Wetlands Early Public Notice was ran in the April 1, 2020 edition of The Jackson-Breathitt County Times Voice. The Floodplain and the Wetland Notice of Explanation was run in the April 22, 2020 edition of The Jackson-Breathitt County Times Voice. No public comments were received.</i>
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<i>No Impact. Per letter dated April 17, 2020 Craig A. Potts, Executive Director and State Historic Preservation Officer, “Our review indicates that the proposed project will not impact any properties or sites that are listed in or eligible for the National Register of Historic Places. The proposed project should not require an archaeological survey or cultural historic</i>

		<i>survey."</i>
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>The project is not located in a high noise area. The project will have minimal and limited noise due to construction equipment. The construction will be carried out in order to minimize the potential impact.</i>
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424e; 40 CFR Part 149	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>No impact. There were no sole source aquifers identified by the City of Jackson during field visits, or according to any records obtained from state or federal resources.</i>
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>There are wetlands located adjacent, but not in the identified project area. The City of Jackson has completed the eight step process per the required 24 CFR 55 since a section of the water project appears to be located within the bounds of the 100- year floodplain. The City of Jackson has applied for a floodplain permit for the project. A 404 permit has also been applied for the project. The City of Jackson does participate in the National Flood Insurance Program. The Floodplains and Wetlands Early Public Notice was ran in the April 1, 2020 edition of The Jackson-Breathitt County Times Voice. The Floodplain and the Wetland Notice of Explanation was run in the April 22, 2020 edition of The Jackson-Breathitt County Times Voice. No public comments were received.</i>
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>No Impact. There are no wild and scenic rivers located in the project area or in Jackson, Breathitt County, Kentucky.</i>
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<i>No impact. The project will benefit all area residents regardless of any protected class. The City of Jackson is an equal opportunity provider and will serve all potential customers equally.</i>

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]
Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in

support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits or approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning/ Scale and Urban Design	1	The City of Jackson does not have a zoning ordinance in place, but is working to form one. The project is anticipated to have a positive impact to the proposed areas by providing rehabilitation to the existing waterlines so that residents will continue to have access to a safe, reliable source of water for drinking, cooking and bathing.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project has some areas of moderate to steep slope. Appropriate erosion control measures and silt barriers will be utilized to minimize potential impacts.
Hazards and Nuisances including Site Safety and Noise	3	Any construction along state, city and county road right-of-way must have adequate safety measures in place to protect motorists and construction workers.
Energy Consumption	2	The project is located in the downtown Jackson area. No impact anticipated. The contractor must use EPA compliant equipment during construction activities.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		

Employment and Income Patterns	1	The rehabilitation of a safe, reliable water source that will increase water pressure and the overall amount of water availability has the potential of increasing the economic development in the community.
Demographic Character Changes, Displacement	2	No impact. The project will not displace any families nor will it require residents to relocate.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	1	With the rehabilitation of a safe, reliable water source for drinking, cooking and bathing, school age children will have improved learning abilities.
Commercial Facilities	1	Commercial facilities located in the project area will have improved water pressure. Minor beneficial impact.
Health Care and Social Services	1	A rehabilitated safe, reliable source of water for drinking, cooking and bathing will improve the overall health of area residents located in the project area. It will also improve water pressure to health care facilities in the area.
Solid Waste Disposal / Recycling	2	The project will not generate solid waste. No impact.
Waste Water / Sanitary Sewers	2	The project will not impact existing waste water systems in Jackson, Breathitt County.
Water Supply	1	The project will benefit area residents in the project area by providing them with a rehabilitated safe, reliable water source.
Public Safety - Police, Fire and Emergency Medical	2	The project is located within the downtown area of Jackson with access to adequate policing services, fire services, and emergency services. The project will not impact emergency services to area residents.
Parks, Open Space and Recreation	2	The project will have no impact on parks, open space and recreation to area residents.
Transportation and Accessibility	3	The contractor(s) must comply with all safety regulations and assure adequate measures for traffic and workers.

Environmental Assessment	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	1, 2	There are no unique natural features located at the project site or within close proximity to the project site. The water quality in the area will improve as the project will provide residents with a rehabilitated safe, reliable water sources for drinking, cooking, and bathing.
Vegetation, Wildlife	2	According to Virgil Lee Andrews/Jennifer Garland letter dated 4/1/2020, "Significant impacts to federally listed species are not likely to result from this project as currently proposed." No impact anticipated.
Other Factors	2	No other factors have been identified.

Additional Studies Performed: Air Quality Attainment Report, Air Quality Index, Wild and Scenic River report, Contamination and Toxic Substance Report

Field Inspection (Date and completed by): **March 6, 2020, Jennifer McIntosh, Kentucky River Area Development District**

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

- **KY State Clearinghouse, Lee Nalley**
- **U S Fish and Wildlife, Virgil Lee Andrews/Jennifer Garland**
- **Natural Resources Conservation Services, Perri Pedley**
- **State Historic Preservation Officer, Craig A. Potts**
- **Energy and Environment Cabinet, Louanna Aldridge via KY State Clearinghouse and via email correspondence**
- **KY Fish and Wildlife, Dan Stoelb**
- **U.S. Army Corp of Engineers, Justin Branham**

List of Permits Obtained:

- **The project does lay in the flood plain and a floodplain permit has been applied for.**
- **A 404 permit has been applied for.**

Public Outreach [24 CFR 50.23 & 58.43]:

- **April 1, 2020 Floodplains and Wetlands Early Public Notice Activity in a 100-year Floodplain**
- **April 22, 2020 Floodplain and Wetland Notice of Explanation Activity in a 100-year Floodplain**
- **May 27, 2020 Combined Notice to Public of No Significant Effect on the Environment and Notice to Public of Request for Release of Funds.**

Cumulative Impact Analysis [24 CFR 58.32]:

It is highly anticipated that the project will have a positive impact on the proposed area by providing a rehabilitated safe, reliable source of potable water for drinking, cooking and bathing for residents. The City of Jackson has determined that the project will have no significant impact on the human environment. Erosion and sedimentation control will be required as needed. Any stream crossing will be completed by horizontal directionally drilled means in order to minimize impact on local surface waters. No significant adverse impacts to federally-listed endangered or threatened species are anticipated.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

Alternative 1: Repair the existing waterlines as needed.

Alternative 2: Shut the project area off. This is the least preferred alternative. This alternative would result in the residents having an elimination of service in the downtown area.

No Action Alternative [24 CFR 58.40(e)]: No action would result in continued line breaks, high water loss, high operation and maintenance costs and a reduction in pressure in the pressure zone.

Summary of Findings and Conclusions: The proposed project will have an overall positive environmental impact. Residents in the downtown area will have a rehabilitated safe, reliable source of potable water for drinking, cooking and bathing. 1,596 residents will have increased pressure from the project. All required mitigation actions must be strictly adhered to.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
KY Fish and Wildlife	<i>Erosion control measures will be developed and implemented to reduce siltation into waterways. These erosion control measures may include silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches.</i>
Energy and Environment Cabinet – Water Quality Branch	Best management practices should be utilized to reduce runoff from project construction activities into nearby waters.

Determination:

X Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27] The project may significantly affect the quality of the human environment.

Preparer Signature: Jennifer McIntosh Date: 5/19/2020

Name/Title/Organization: Jennifer McIntosh/Water & Wastewater Planner/ Kentucky River Area Development District.

Certifying Officer Signature: Laura Thomas Date: 5/19/2020
Name/Title: Laura Thomas, Mayor, City of Jackson

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

ENVIRONMENT REVIEW STATUS

Exempt

Administration

Planning

Historic and Environmental Studies

Engineering

Categorically Excluded

Assessment

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

DLG Environmental Submittal Checklist

Project/Program Name: JACKSON WATERLINE REPLACEMENT PHASE I

Project/Program ID Number: 19-021

Project Location (if applicable): Main Street, Jackson, KY 41339 Longitude -83°23'0.545"W, Latitude 37°33'14.861"N, Highland Avenue, Jackson, KY 41339 Longitude -83°22'44.82"W, Latitude 37°33'12.771"N, Hurst LN, Jackson, KY 41339 Longitude -83°22'59.247"W, Latitude 37°33'10.548"N, Patton Avenue, Jackson, KY 41339 Longitude -83°22'50.712"W, Latitude 37°33'8.09"N, Bobcat Ln, Jackson, KY 41339 Longitude -83°23'6.337"W, Latitude 37°33'20.064"N, Quicksand Rd, Jackson, KY 41339 Longitude -83°23'2.987"W, Latitude 37°33'8.052"N, Jefferson Avenue, Jackson, KY 41339 Longitude -83°22'54.106"W, Latitude 37°33'14.934"N, Cherry Street, Jackson, KY 41339 Longitude -83°23'8.094"W, Latitude 37°33'14.499"N, River Street, Jackson, KY 41339 Longitude -83°23'15.659"W, Latitude 37°33'11.337"N, Sycamore Street, Jackson, KY 41339 Longitude -83°23'11.461"W, Latitude 37°33'10.166"N, Hawk Street, Jackson, KY 41339 Longitude -83°23'14.716"W, Latitude 37°33'11.661"N, Broadway, Jackson, KY 41339 Longitude -83°23'10.578"W, Latitude 37°33'13.12"N, Elm Street, Jackson, KY 41339 Longitude -83°23'7.643"W, Latitude 37°33'19.633"N, Court Street, Jackson, KY 41339 Longitude -83°23'6.183"W, Latitude 37°33'15.889"N, Hargis Lane, Jackson, KY 41339 Longitude -83°22'57.637"W, Latitude 37°33'18.288"N, Ison Street, Jackson, KY 41339 Longitude -83°22'47.659"W, Latitude 37°33'20.543"N, Washington Avenue, Jackson, KY 41339 Longitude -83°22'49.254"W, Latitude 37°33'15.547"N, Short Street, Jackson, KY 41339 Longitude -83°22'55.292"W, Latitude 37°33'8.526"N, Smith Lane, Jackson, KY 41339 Longitude -83°23'6.494"W, Latitude 37°33'10.638"N, Hogg Street, Jackson, KY 41339 Longitude -83°23'6.774"W, Latitude 37°33'13.678"N, Warrix Drive, Jackson, KY 41339 Longitude -83°23'13.336"W, Latitude 37°33'10.376"N, Bays Street, Jackson, KY 41339 Longitude -83°23'10.705"W, Latitude 37°33'18.152"N, Kentucky Avenue, Jackson, KY 41339 Longitude -83°22'38.971"W, Latitude 37°33'18.368"N and Lincoln Avenue, Jackson, KY 41339 Longitude -83°22'44.228"W, Latitude 37°33'17.845"N

Level of Environmental Review Completed:

Date Commitment and Expenditure of Funds was authorized by the Responsible Entity/Environmental Certifying Officer: _____

Exempt [§58.34(a)] Date completed: _____

Environmental Review Status Form submitted to KY DLG Date: _____

Exempt/CENST determination form

Request for Approval of Evidentiary Materials and Release of Funds submitted to KY DLG with copy of the above completed form Date: _____

Categorically excluded *not subject to §58.5* [§58.35(b)]

Date completed: _____

Environmental Review Status Form submitted to KY DLG Date: _____

Exempt/CENST determination form

Request for Approval of Evidentiary Materials and Release of Funds submitted to KY DLG with copy of the above completed form Date: _____



Categorically excluded *subject to §58.5* [§58.35(a)]:

Converted to exempt (§ 58.35(a)(12) Date converted: _____

OR

NOI/RROF published Date: _____

Environmental Certification submitted to KY DLG Date: _____

Request for Approval of Evidentiary Materials and Release of Funds submitted to KY DLG Date: _____

Environmental Review Status Form-submitted to KY DLG

KY State eClearinghouse comments-submitted to KY DLG

KY Heritage Council-SHPO comments and approval- submitted to KY DLG

All required publication(s) tear sheets- submitted to KY DLG

KY DLG Approval received Date signed by KY DLG: _____



Environmental Assessment (§58.36)

FONSI/NOI published Date: May 27, 2020

Environmental Certification submitted to KY DLG Date: July 2, 2020

Request for Approval of Evidentiary Materials and Release of Funds submitted to KY DLG Date: July 2, 2020

Environmental Review Status Form submitted to KY DLG Date: July 2, 2020

KY State eClearinghouse comments submitted to KY DLG July 2, 2020

KY Heritage Council-SHPO comments and approval- submitted to DLG July 2, 2020

All required publication(s) tear sheets- submitted to KY DLG July 2, 2020

KYDLG approval received Date signed by KY DLG: _____

Attachment 2-15
SAMPLE ENVIRONMENTAL REVIEW RECORD CHECKLIST

- Finding of Exemption and/or Categorical Exclusion not Subject to
- Statutory Checklist and all supporting documentation
- Historic Preservation Procedures Completed and Documented including Tribal Consultation
- Floodplains/Wetlands Procedures Completed and Documented
 - Early Public Notice Published
 - Notice of Explanation Published
- Environmental Assessment and Checklist (Format II) and all supporting documentation
- Notice of Intent to Request Release of Funds (NOIRROF) Publication (tear sheet)
- Concurrent Notice of Finding and No Significant Effect and Notice of Intent to Request Release of Funds (FONSI-NOIRROF) (tear sheet)
- Notice of Availability of Environmental Assessment (if joint project with Rural Development only)
- Distribution List for all Public Notices
- Comments Received and City/County responses
- Environmental Certification, Request for Approval of Evidentiary Materials and Release of Funds Submitted
- Post-Review Revisions and Changes, Written Decisions, Amendments and Supplements

(This listing is for all types of possible projects. For a more complete listing of required documentation for the ERR as it relates to a specific type of project, see Section 58.30 of the regulations and the Handbook Chapter 2.)

Exhibit 1

Clearinghouse Comments



ANDY BESHEAR
GOVERNOR

DEPARTMENT FOR LOCAL DEVELOPMENT
OFFICE OF THE GOVERNOR
100 AIRPORT ROAD, 3rd FLOOR
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606
www.dlg.ky.gov

DENNIS KEENE
COMMISSIONER

May 7, 2020

Mayor Laura Thomas
City of Jackson
333 Broadway
Jackson, KY 41339

RE: Jackson Waterline Replacement Project Phase I
WX21025059
SAI# KY201906050844
CFDA# 14.228

Dear Mayor Thomas:

Pursuant to your request, the State Clearinghouse will update its evaluation of SAI# **KY201906050844**. The State Clearinghouse has contacted appropriate state agencies and determined its previous comments regarding this proposal are still valid.

Please consider this correspondence as official notification that the State Clearinghouse is reaffirming its previous correspondence. This endorsement remains valid for a period of one (1) year from the date of this letter.

If you have any questions regarding this matter, please feel free to contact the State Clearinghouse at 502-573-2382.

Sincerely,

Lee Nalley
Kentucky State Clearinghouse



MATTHEW G. BEVIN
GOVERNOR

DEPARTMENT FOR LOCAL GOVERNMENT

OFFICE OF THE GOVERNOR
100 AIRPORT ROAD, 3RD FLOOR
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606/ TDD 711
WWW.kydlgweb.ky.gov

SANDRA K. DUNAHOO
COMMISSIONER

June 19, 2019

Mayor Laura Thomas
City of Jackson
333 Broadway
Jackson, KY 41339

RE: Jackson Waterline Replacement Project Phase I
WX21025059
SAI# KY201906050844
CFDA# 14.228

Dear Mayor Thomas:

The Kentucky State e-Clearinghouse is the official designated Single Point of Contact (SPOC) for the Commonwealth pursuant to Presidential Executive Order 12372, and supported by Kentucky Statutes KRS 45.03. The primary function of the SPOC is to streamline the review aforementioned process for the applicant and the funding agency. This process helps in vocalizing the statutory and regulatory requirements. Information in the form of comments, if any, will be attached to this correspondence.

This proposal has been reviewed by the appropriate state agencies in the e-Clearinghouse for conflicts with state or local plans, goals and objectives. After receiving this letter, you should make it available to the funding agency and continue with the funding agencies application process. This e-clearinghouse SPOC letter signifies only that the project has followed the state reviewing requirements, and is neither a commitment of funds from this agency or any other state or federal agency. Please remember if any federal reviews are required the applicant must follow through with those federal agencies.

The results of this review are valid for one year from the date of this letter. If the project is not submitted to the funding agency or not approved within one year after the completion of this review, the applicant can request an extension by email to Lee.Nalley@ky.gov. If the project changes in any way after the review, the applicant must reapply through the eclearinghouse for a new review. There are no exceptions.

If you have any questions regarding this letter or the review process please contact the e-Clearinghouse office at 502-573-2382, ext. 274.

Sincerely,

Lee Nalley, SPOC
Kentucky State Clearinghouse

Attachment

Department for Environmental Protection

Louanna Aldridge

Joel Murphy - Endorse with Comments The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201906050844) when submitting plans and specifications.

This project will replace the existing aging lines in the downtown area with new 2-inch, 4-inch, 6-inch, 8-inch and 10-inch PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Lane, Patton Avenue, Bobcat Lane, Quicksand Road, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project 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, Engineering Section, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

The system was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

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.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@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 Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov or David Jackson, Groundwater Section, (502) 782-6986, DavidA.Jackson@ky.gov.

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 Ron Dutta, Floodplain Management Section, (502) 782-6941, Ramendra.Dutta@ky.gov.

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.

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) storm water discharge permit.

Utility line projects that cross a stream will require a Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from DOW.

The Kentucky Division of Water supports the goals of EPA's Sustainable Infrastructure Initiative. This Initiative seeks to promote sustainable practices that will help to reduce the potential gap between funding needs and spending at the local and national level. The Sustainable Infrastructure Initiative will guide our efforts in changing how Kentucky views, values, manages, and invests in its water infrastructure. This website, www.epa.gov/waterinfrastructure/, contains information that will help you ensure your facility and operations are consistent with and can benefit from the aims of the Sustainable Infrastructure Initiative.

Division of Enforcement

Tim Harrod

The Division of Enforcement does not object to the project proposed by the applicant.
Tim Harrod, Enforcement Specialist Division of Enforcement Timothy.Harrod@ky.gov

Division of Water

Andrea Fredenburg

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters.

Division of Water

Abba Pourghasemi

No objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project must be submitted to the Division of Water's Water Infrastructure Branch by a registered professional engineer in Kentucky. Must receive a written approval from the Division of Water prior to the beginning of the construction.

Division of Water

Jennifer Taimi

System was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised.

DOW

Daniel Fraley

Endorse

Fish and Wildlife

Dan Stoelb

To minimize impacts to the aquatic environment the Kentucky Dept. of Fish & Wildlife Resources recommends that erosion control measures be developed and implemented prior to construction to reduce siltation into waterways located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed. Please contact Dan Stoelb @ 502-892-4453 or Daniel.Stoelb@ky.gov if you have further questions or require additional information.

Kentucky Division of Water

Chloe Brantley

Project filed.

Kentucky Infrastructure Authority

Don Schierer

This project was reviewed in the WRIS Portal by KIA staff.

Kentucky River ADD

Jennifer McIntosh

KY River ADD has reviewed the project and it matches the project profile submitted to the WMC. The ADD asks that upon completion a copy of the as-builts be submitted digitally so that the WRIS may be updated.

Kentucky River Area Development District

Angelia Hall

KRADD has no concerns with the proposed project.

Kentucky Transportation Cabinet (10)

Jason Blackburn (D 10)

Applicant MUST acquire Highway Encroachment Permit prior to performing any work in State maintained roadways. Estimate appears to be on the low side to cover all areas listed and correct probable damage.

KY Department of Housing Buildings and Construction

Duane Curry

The Kentucky Department of Housing, Buildings and Construction approves with no comments.

KY Division of Water

Allan Shingleton

For pipeline stream crossings that are not covered under 401 KAR 4:050, a Kentucky Division of Water Application for Permit to Construct Across or Along a Stream must be submitted. Questions should be directed to Ron Dutta at 502-782-6941 or Ramendra.Dutta@ky.gov.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley at 502-782-6898 or Chloe.Brantley@ky.gov.

KY Heritage Council

Yvonne Sherrick

To receive a review from the KY Heritage Council/State Historical Preservation Office (SHPO) you must follow the instructions located on their website at <http://www.heritage.ky.gov/siteprotect/> . There you will find the required documents for the Section 106 Review and Compliance for 36 CFR Part 800. This Section 106 submission process to SHPO will assist applicants and agencies in providing the appropriate level of information to receive comments from SHPO. If you have any questions please contact Yvonne Sherrick, Administrative Specialist III, (502) 564-7005, Ext. 113, yvonne.sherrick@ky.gov.

Please note: If your project is funded through Transportation Alternative (TAP), Transportation Enhancements (TE), Congestion, Mitigation, Air Quality (CMAQ), or Safe Routes to School (SRTS) you will need to send this information to Michael Jones, Historic Preservation Program Administrator with the Kentucky Transportation Cabinet via email MichaelR.Jones2@ky.gov or hard copy to Michael Jones, Office of Local Programs, KY Transportation Cabinet, 200 Mero Street Frankfort, KY 40622. Do not send materials directly to SHPO if your project involves funding from these four sources as it will cause delays in the review process. Michael Jones will consult directly with the SHPO on projects with these funding sources to complete the Section 106 review.

KY. Division of Water

Kurtis Spears

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 YourName (502-782) or the Section Supervisor David Jackson (502-782-6986).

Exhibit 2

State Historic Preservation Officer (SHPO)

Correspondence



ANDY BESHEAR
GOVERNOR

MIKE BERRY
SECRETARY

TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY HERITAGE COUNCIL
THE STATE HISTORIC PRESERVATION OFFICE

410 HIGH STREET
FRANKFORT, KENTUCKY 40601
PHONE (502) 564-7005
FAX (502) 564-5820
www.heritage.ky.gov

CRAIG A. POTTS
EXECUTIVE DIRECTOR
& STATE HISTORIC
PRESERVATION OFFICER

April 17, 2020

Jennifer McIntosh
Kentucky River Area Development Dist.
941 N. Main St.
Hazard, KY 41701

Re: **Jackson Waterline Replacement Project Phase 1, Breathitt Co., KY**

Dear Ms. McIntosh:

Our review indicates that the proposed project will not impact any properties or sites that are listed in or eligible for the National Register of Historic Places. The proposed project should not require an archaeological survey or cultural historic survey.

In the event that human remains are encountered during project activities, all work should be immediately stopped in the area. The area should be cordoned off, and in accordance with KRS 72.020 the county coroner and local law enforcement must be contacted immediately. Upon confirmation that the human remains are not of forensic interest, the unanticipated discovery must be reported to the Kentucky Heritage Council.

Should the project plans change, or should additional information become available regarding cultural resources or citizens' concerns regarding impacts to cultural resources, please submit that information to our office as additional consultation may be warranted. Should you have any questions, feel free to contact Nick Laracuate of my staff at nicolas.laracuate@ky.gov.

Sincerely,

Craig A. Potts,
Executive Director and
State Historic Preservation Officer

CP:nrl KHC #57885



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

April 1, 2020

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

RE: Jackson Waterline Replacement Project Phase I

Dear Mr. Potts:

The City of Jackson is in the process of conducting an environmental review pursuant to the State Environmental Review Process for the Community Development Block Grant and Appalachian Regional Commission programs. The purpose of the review is to assess the environmental impacts of the Jackson Waterline Replacement Project Phase I in Jackson, Breathitt 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 to previously disturbed right-of-way or existing easements. 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
Water & Wastewater Planner

enclosures
CC: City of Jackson/file
Matt Steen, Nesbitt Engineering

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

BOARD OF DIRECTORS

County Judge Executives
Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.
Mayors
Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton
Citizen Members
Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director
Michelle Allen

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

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: City of Jackson

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: Jackson Waterline Replacement Project phase I

SECTION 2: AGENCY INFORMATION

Funding/Permitting Agency: CDBG & ARC

Agency Contact Person (name & position): Jeff Hanna, Department for Local Government

Telephone: 502-892-3447

E-mail: jeff.hanna@ky.gov

SECTION 3: PROJECT LOCATION

E911 Street Address (or other description): Various streets, Downtown Jackson

City/Township: Jackson

County: Breathitt

Latitude: 37°33'12.797"N

Longitude: -83°23'1.522"W

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 #: 50855504

OSA Preliminary Site Check #: P258274

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

- Yes (describe in detail below) No

The project is located in downtown Jackson on previously disturbed right-of-ways and easements.

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.**

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 #: 50855504

Date: 3/26/2020

KHC Historic Resources

Name	Location	Est. Construction	Architectural Style	NR Status
HOTEL JEFFERSON	1119 MAIN	1900-1924	CLASSICAL REVIVAL	N/R DISTRICT CONTRL. SITE
GUERRANT MEMORIAL PRESBYTERIAN CHURCH	S MAIN	1900-1924	CLASSICAL REVIVAL	N/R DISTRICT CONTRL. SITE
JACKSON POST OFFICE	377 BROADWAY	1900-1924	VERNACULAR-20TH CENT.	NATIONAL REGISTER
KASH BLDG	367 BROADWAY	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRL. SITE

Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the SHPO and a Federal agency, but for which the determination field has not yet been updated.

Name	Location	Est. Construction	Architectural Style	NR Status
TERRY BLDG	1108 MAIN 1112	THRU 1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRI. SITE
REDWINE BLDG	1114 MAIN	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRI. SITE
HOGG BLDG	1118 MAIN	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRI. SITE
JACKSON DEPOSIT BANK	413 COURT	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRI. SITE
CRAWFORD & CO.	1125 MAIN	1875-1899	COMMERCIAL- VICTORIAN	N/R DISTRICT CONTRI. SITE
FIRST BAPTIST CHURCH	MAIN BROADWAY	AT 1900-1924	LATE GOTHIC REVIVAL	N/R DISTRICT CONTRI. SITE
REDWINE BLDG	359 BROADWAY THRU 365	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRI. SITE
CRAIN'S WHOLESALE & RETAIL STORE	COLLEGE BROADWAY	AT 1900-1924	COMMERCIAL-TOC	NATIONAL REGISTER
STACEY HOTEL	BROADWAY COLLEGE	AT 1900-1924	VERNACULAR-20TH CENT.	NATIONAL REGISTER
METHODIST EPISCOPAL CHURCH SOUTH	1022 COLLEGE	1900-1924	CLASSICAL REVIVAL	NATIONAL REGISTER
BREATHITT COUNTY	1027 COLLEGE	1925-1949	CLASSICAL REVIVAL	NATIONAL REGISTER

Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the SHPO and a Federal agency, but for which the determination field has not yet been updated.

Name	Location	Est. Construction	Architectural Style	NR Status
JAIL				
LEES JR COLLEGE ADMINISTRATION BLDG	601 JEFFERSON	1875-1899	RICHARDSONIAN ROMANESQUE	UNDETERMINED

Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the SHPO and a Federal agency, but for which the determination field has not yet been updated.

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 #: 50855504

Date: 3/26/2020

KHC National Register Districts

DISTRICT NAME

JACKSON COMMERCIAL DISTRICT

Page 1 of 1

Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the SHPO and a Federal agency, but for which the determination field has not yet been updated.

Kentucky Office of State Archaeology

University of Kentucky, 1020A Export Street, Lexington, KY 40506

Phone:859-257-1944 Fax:859-323-9866 email:ky-osa@uky.edu

Confidential Information
Not for Public Release

Preliminary Records Review Coversheet

Date Request Processed: 3/23/2020

Preliminary Review Number: P258274

Paid via: Check (Check No.:)

Credit Card (Transaction ID: 1464442176)

If you have any questions, please contact KyOSA at (859)257-1944 or ky-osa@uky.edu.

Kentucky Office of State Archaeology

University of Kentucky, 1020A Export Street, Lexington, KY 40506

Phone:859-257-1944 Fax:859-323-9866 email:ky-osa@uky.edu

**Confidential Information
Not for Public Release**

P258274

City of Jackson Waterline Replacement Phase I

Review Performed On: 3/23/2020

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.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

Jackson Waterline Replacement Project Phase I



Bays Street



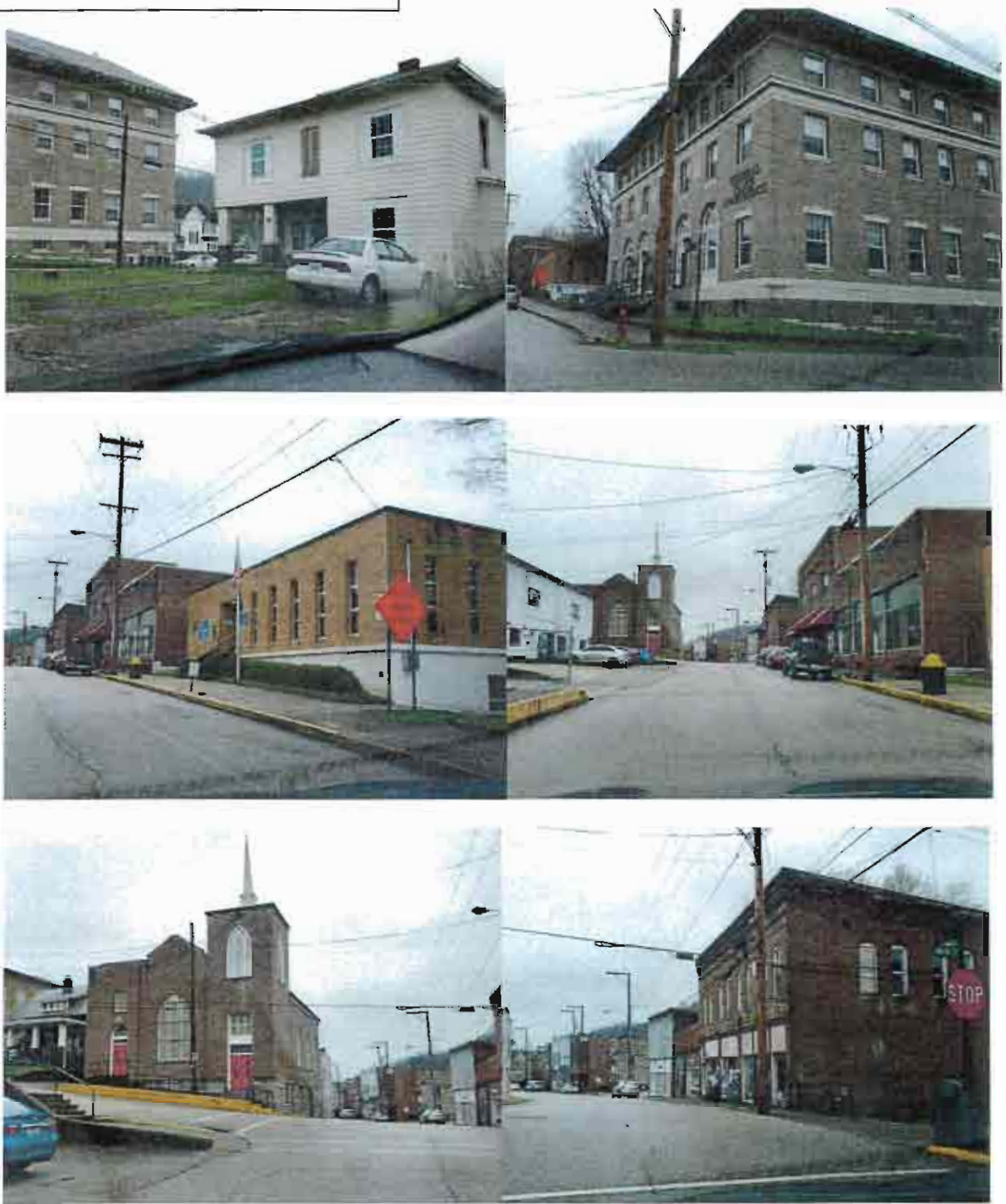
Bobcat Lane



Broadway



Broadway (cont.)



Jackson Waterline Replacement Project Phase I

Broadway (cont.)



Cherry Street



Jackson Waterline Replacement Project Phase I

Cherry Street (cont.)



Court Street



Court Street (cont.)



Elm Street

Jackson Waterline Replacement Project Phase I

Hawk Street



Hargis



Jackson Waterline Replacement Project Phase I

Hargis (cont.)



Highland Avenue



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Hogg Street

Jackson Waterline Replacement Project Phase I

Hurst Lane



Ison Street



Jefferson Avenue



Kentucky Avenue

Jackson Waterline Replacement Project Phase I

Lincoln Avenue



Main Street



Main Street (cont.)



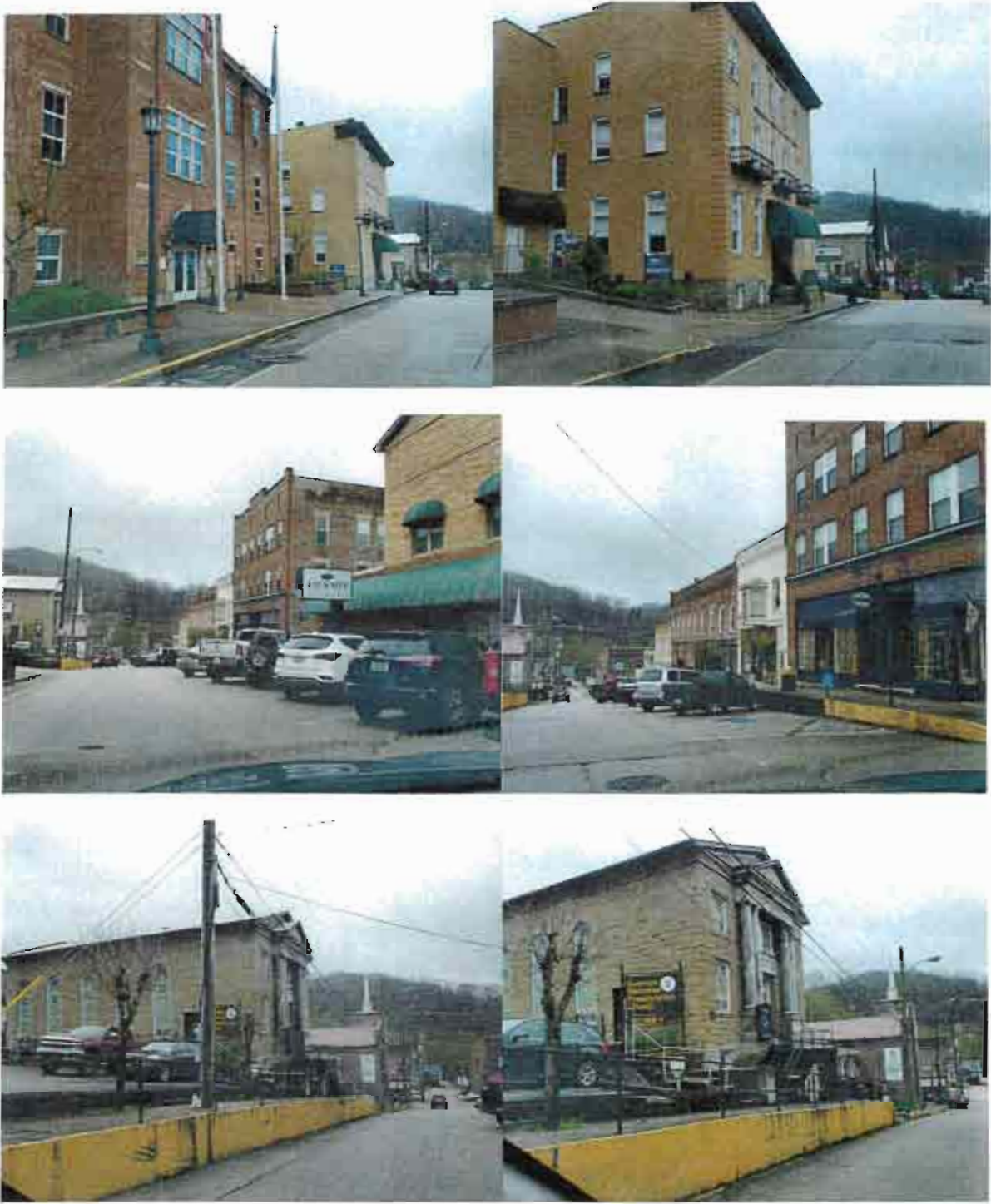
Main Street (cont.)



Main Street (cont.)



Main Street (cont.)



Jackson Waterline Replacement Project Phase I

Main Street (cont.)



Patton Avenue



Patton Avenue (cont.)



Quicksand Road



Quicksand Road (cont.)



River Street



Jackson Waterline Replacement Project Phase I



Short Street



Smith Lane

Sycamore Street



Sycamore Street (cont.)



Jackson Waterline Replacement Project Phase I

Warrix Drive



Washington Avenue



Washington Avenue (cont.)



Jackson Waterline Replacement Project Phase I

Washington Avenue (cont.)



Hotel Jefferson



Hotel Jefferson (cont.)



Guerrant Memorial Presbyterian Church



Jackson Post Office



Kash Building



Redwine and Terry Buildings



Redwine and Terry Buildings (cont.)



Hogg Building



Jackson deposit Bank and Crawford & Co were torn down to build the Judicial Center



First Baptist Church



Crain's Wholesale & Retail store burned. It is now the Jackson Fire Department Station 2



Stacey Hotel burned and is now a vacant lot.



Methodist Episcopal Church South



Breathitt County Jail



Lees JR College Administration Building



City of Jackson
Waterline Replacement Project Phase 1
WX2.1025059

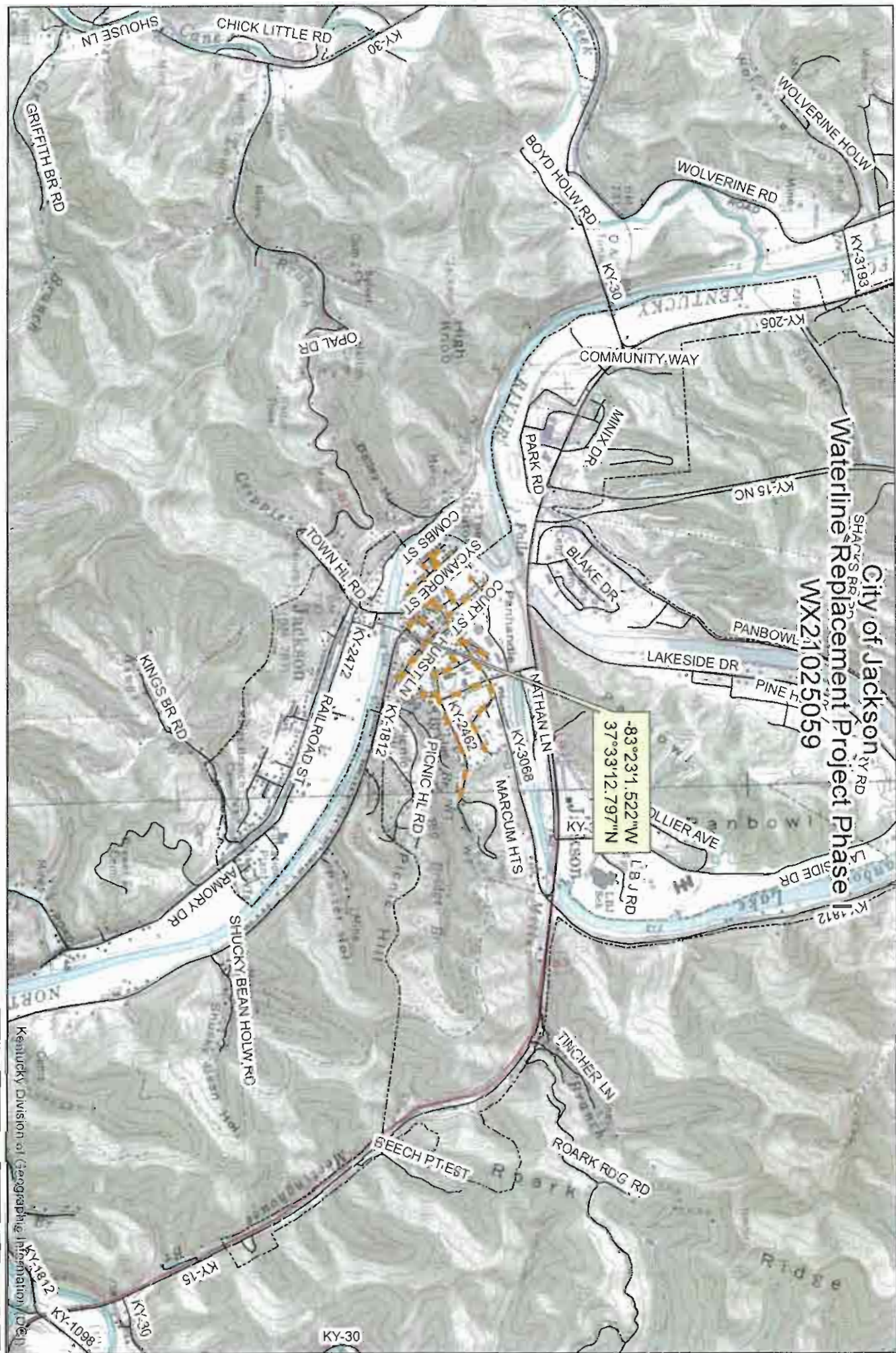


Legend

- Proposed Water Line
- Breach/Roads
- City Boundary
- County Boundary



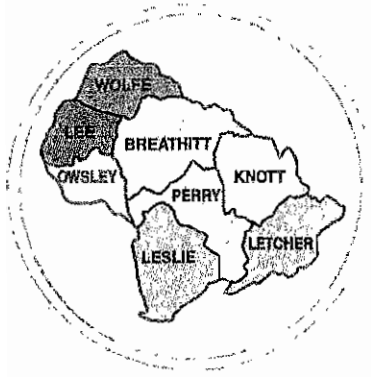
Scale 1:24,000



City of Jackson
Waterline Replacement Project Phase
WX2.1025059

Legend

- Proposed Water Line
- Breathitt Roads
- City Boundary
- County Boundary



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

CHAIRMAN

Pam Pilgrim

VICE-CHAIRMAN

Tracy Neice

Mayor

TREASURER

Terry Adams

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SECRETARY

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Carol Joseph - Hyden
Susan Polls - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

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

Executive Director

Michelle Allen

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

Russ Townsend
Eastern Band of Cherokee Indians
Tribal Historic Preservation Office
PO Box 455
Cherokee, NC 28719

RE: Jackson Waterline Replacement Phase I

Dear Russ:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

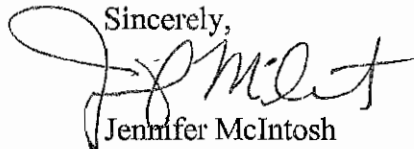
The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land

will be impacted by this project. Coordinates for this project are (center of downtown) -83°23'4.498"W; 37°33'14.389"N.

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. Thank you, for your time and assistance.

Sincerely,

Jennifer McIntosh
Water & Wastewater Planner

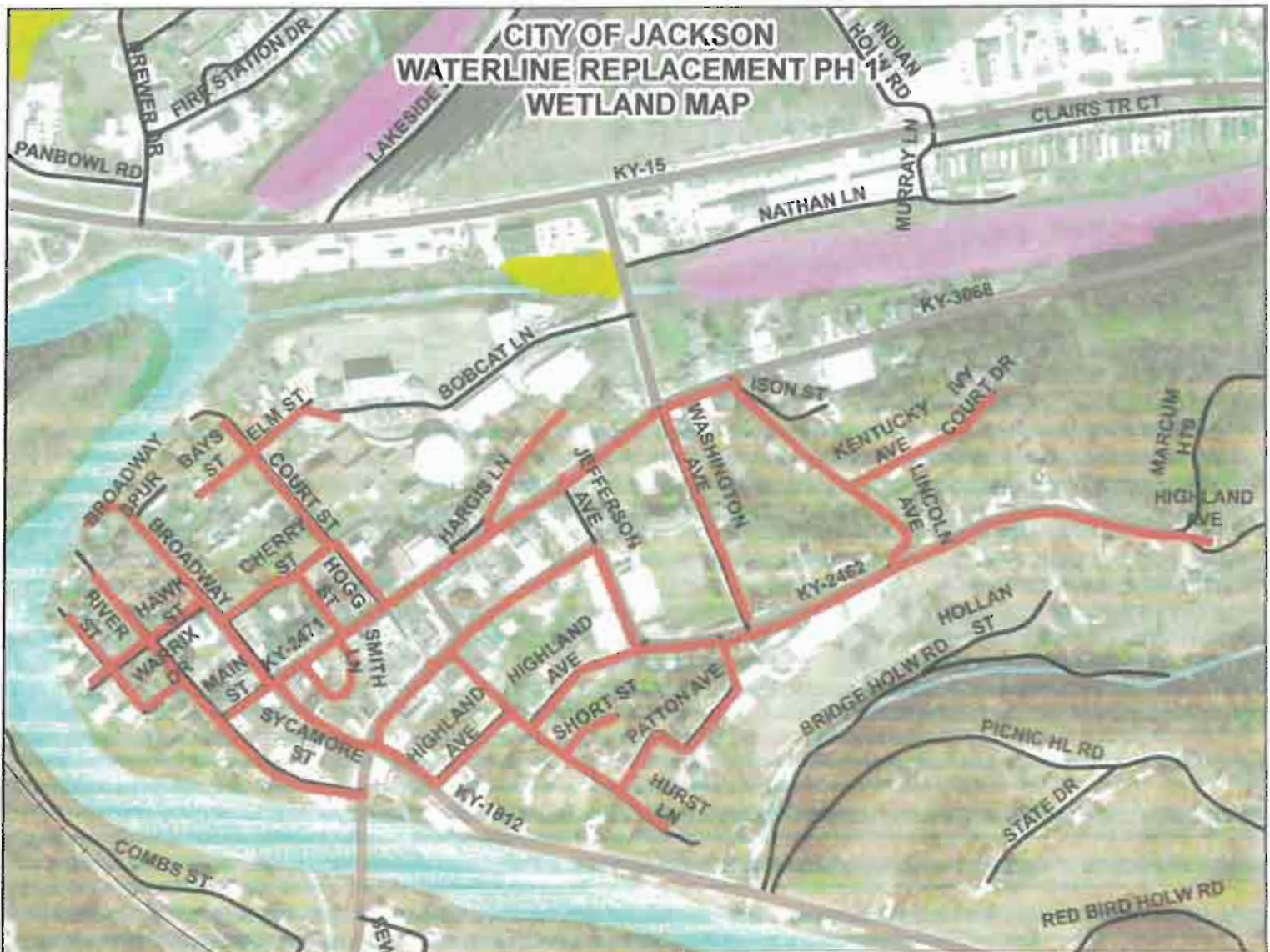
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Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

CITY OF JACKSON WATERLINE REPLACEMENT PH WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Active Railroad

Rail Switchyard

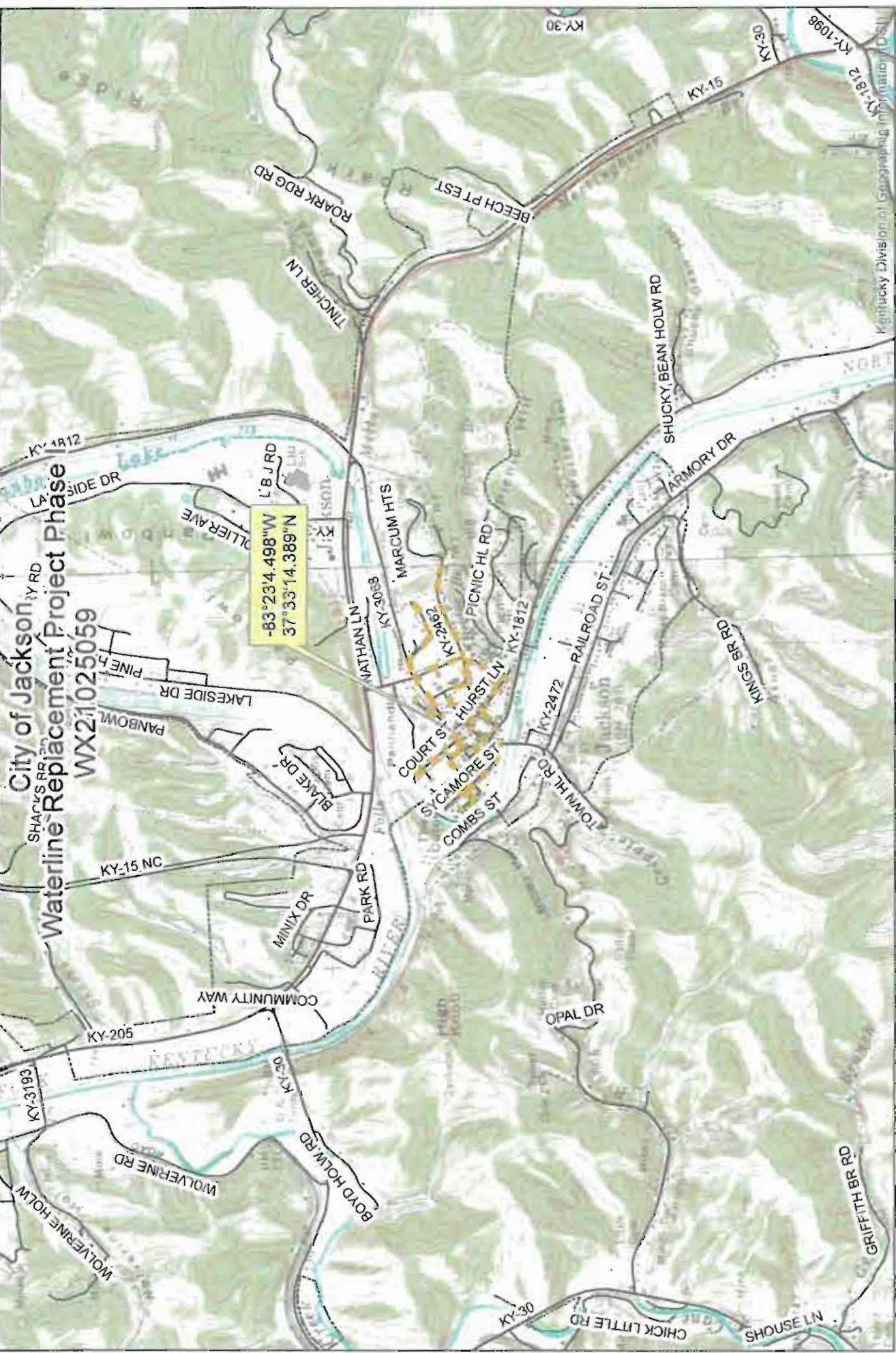
NOTES:

There are no Minority Concentrations in the Jurisdiction.

No property to be acquired in this project.

There are no identified drainage problem areas.

Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6", 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.



City of Jackson
Waterline Replacement Project Phase I
WX21025059

Legend

- Proposed Water Line
- Freight Roads
- City Boundary
- County Boundary

Miles

Scale 1:24,000

Kentucky Division of Geographical Information

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



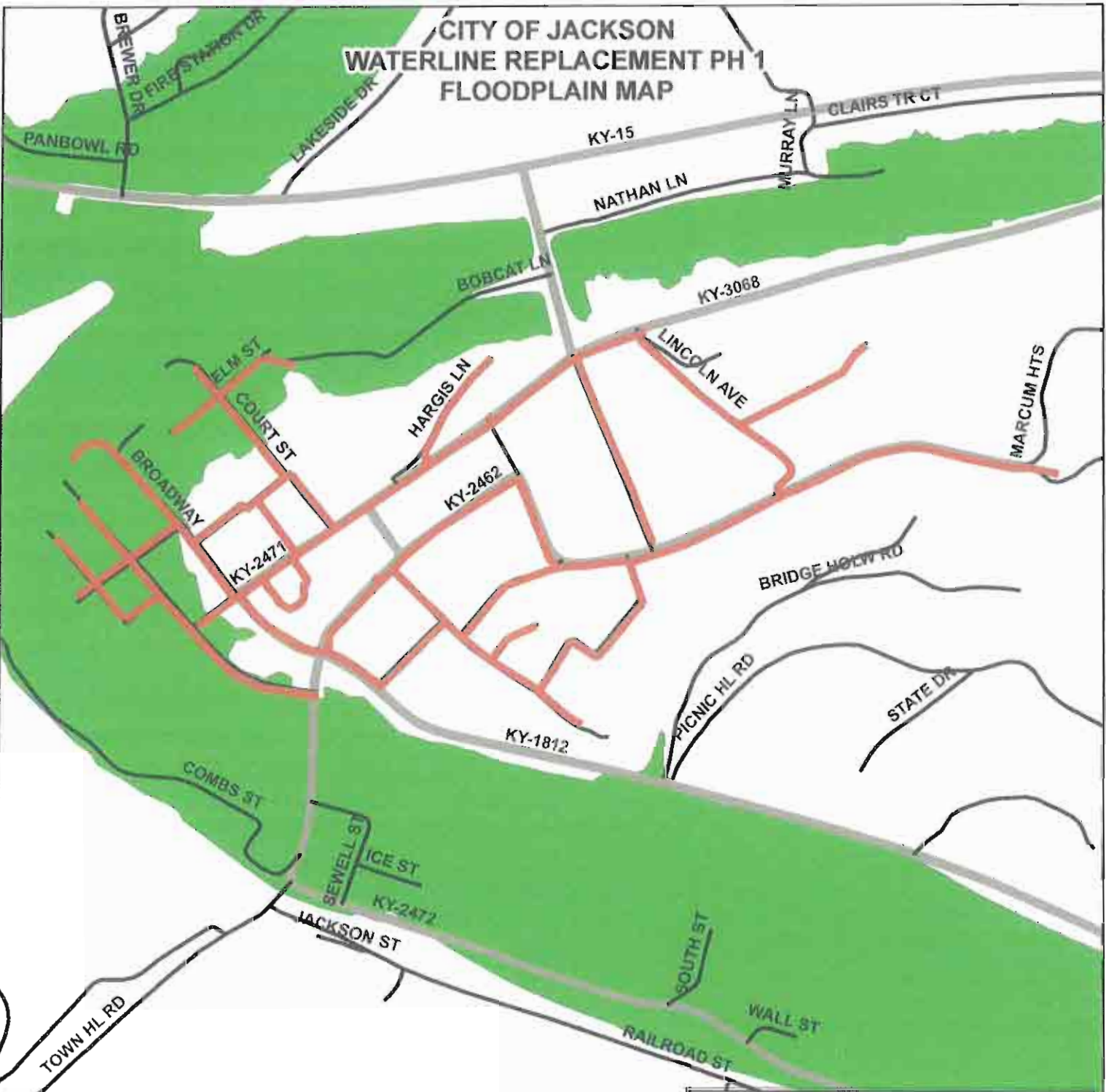
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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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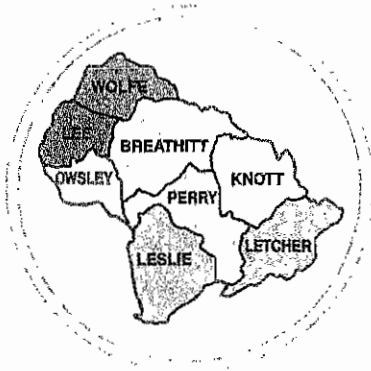
Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEIMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 3

Floodplain and Wetlands

Correspondence, Maps and Data



Kentucky River

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

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

Justin Branham

Team Leader / Regulatory Specialist

U.S. Army Corps of Engineers - Louisville District Eastern Kentucky

Regulatory Office

845 Sassafras Creek Road

Sassafras, KY 41759

RE: Jackson Waterline Replacement Phase I

Dear Mr. Branham:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

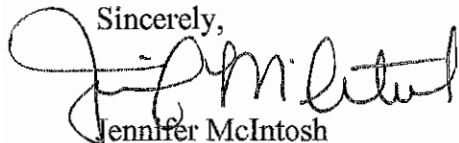
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The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential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

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

Sincerely,

Jennifer McIntosh
Water & Wastewater Planner

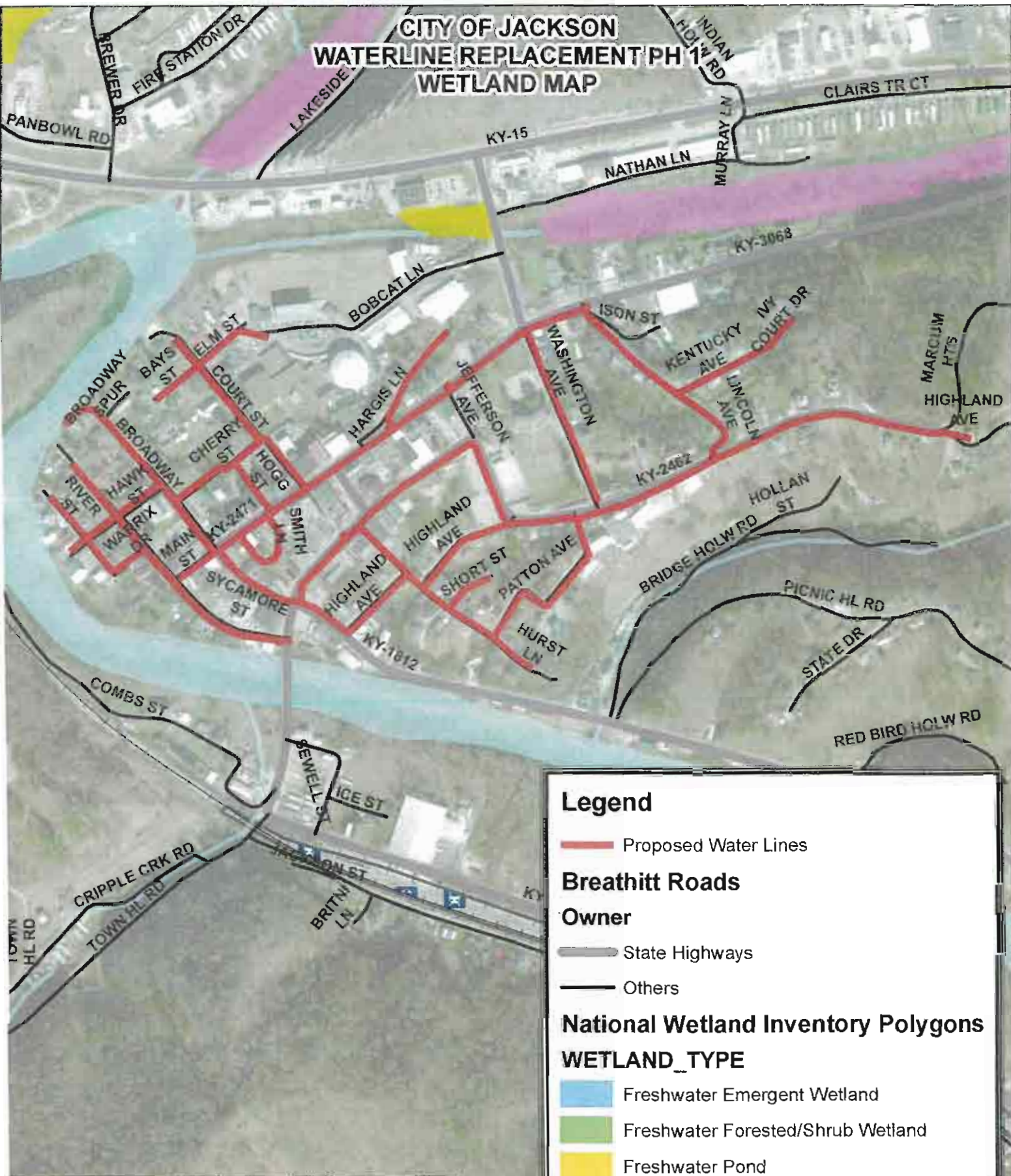
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

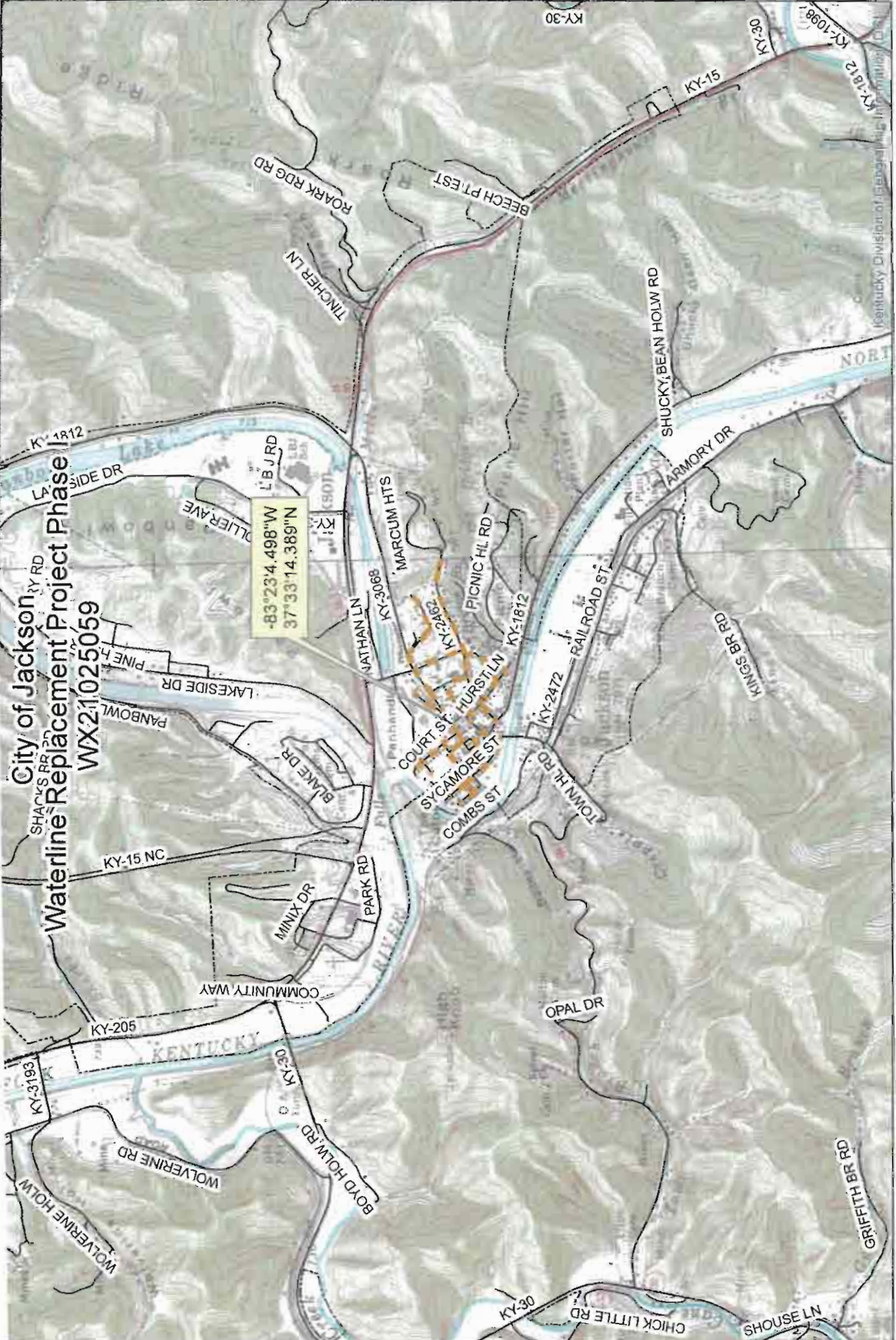
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND__TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
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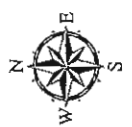
City of Jackson
Waterline Replacement Project Phase I
WX21025059

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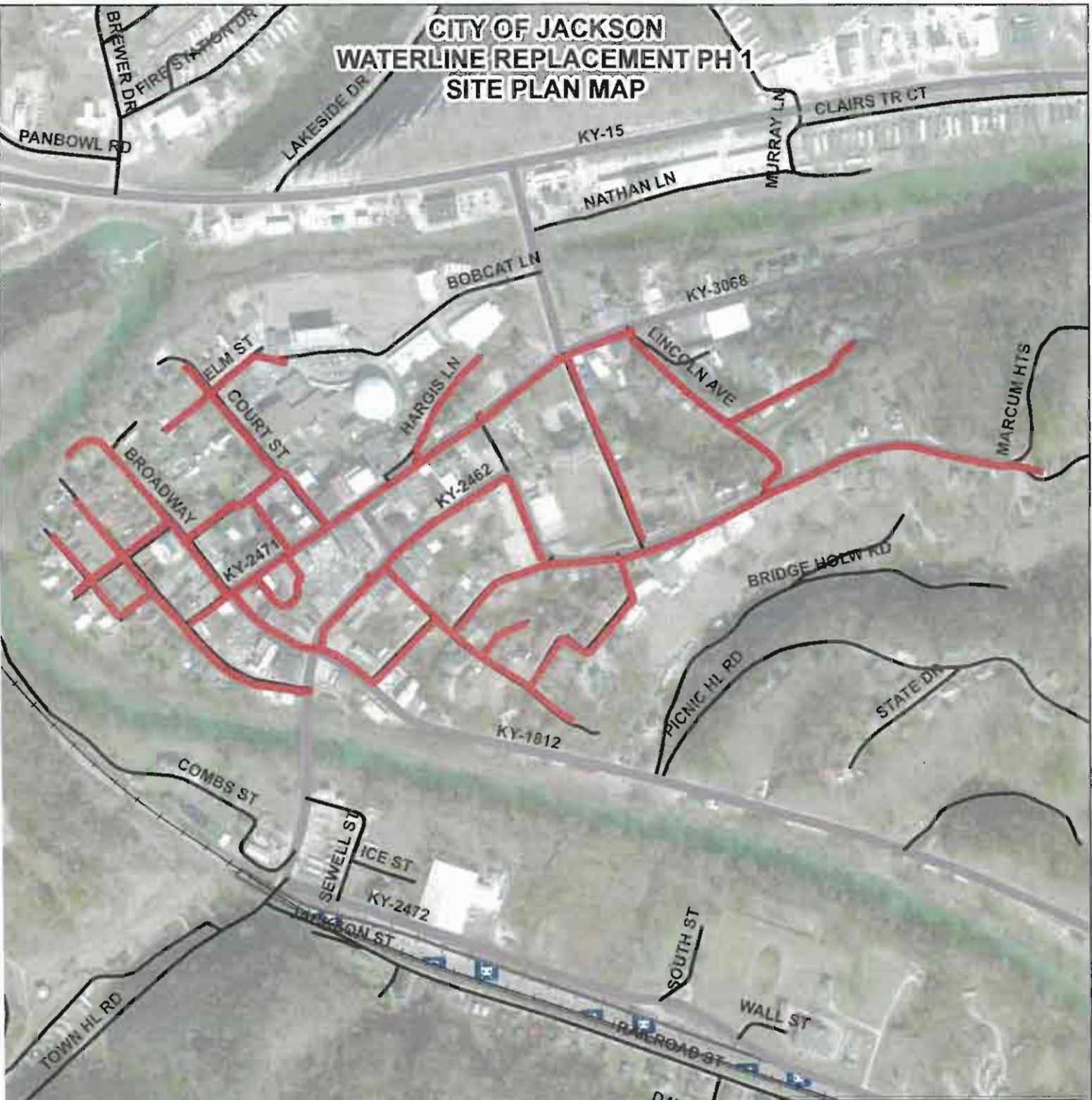
Legend

- Proposed Water Line
- City Boundary
- Breathitt Roads
- County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



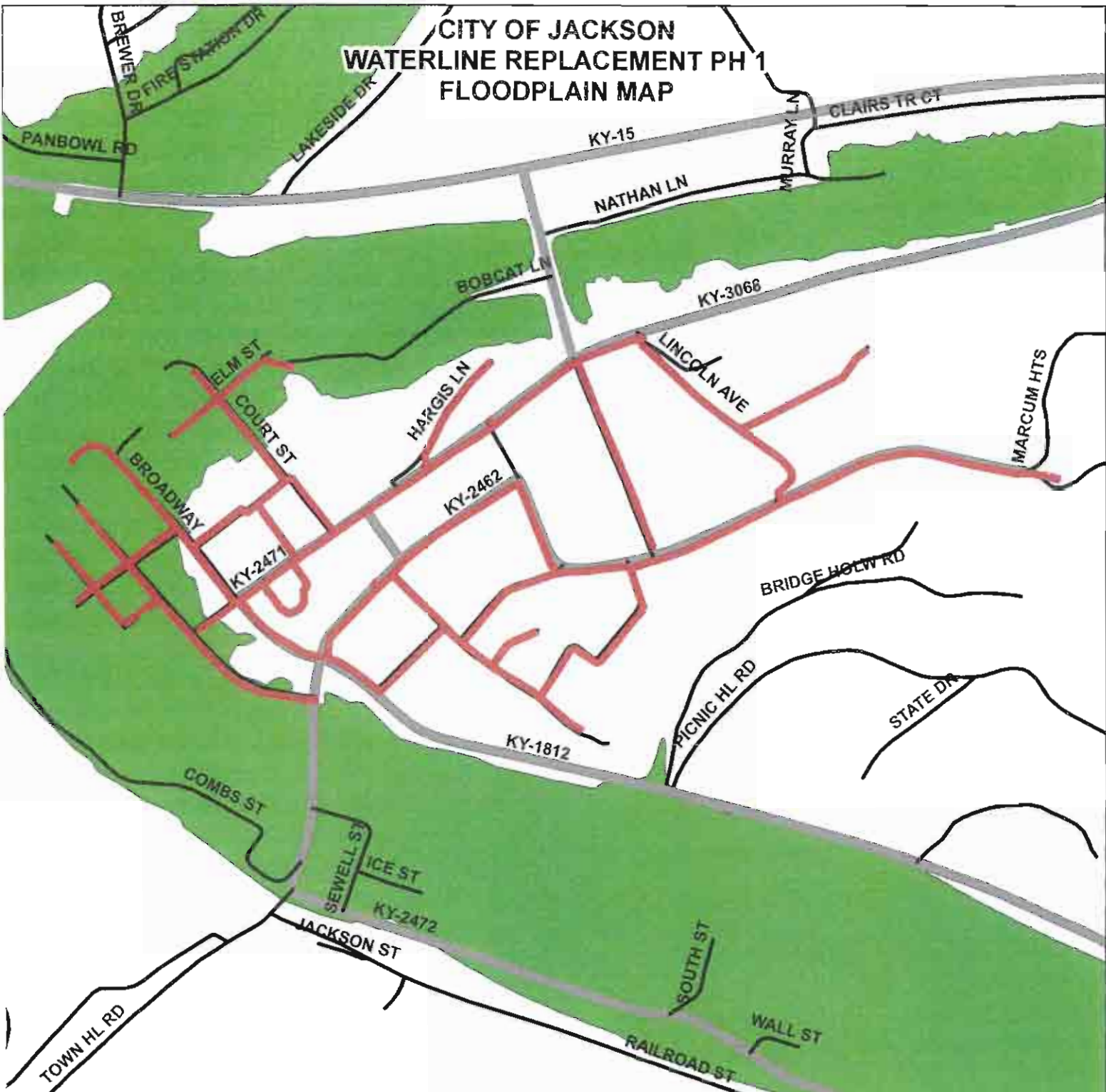
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Legend

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- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- + Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
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- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Jennifer McIntosh

From: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>
Sent: Thursday, May 14, 2020 10:07 AM
To: Jennifer McIntosh
Subject: RE: Jackson Waterline Replacement Phase I Project

FYI - the contact has changed: Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

From: Murphy, Joel (EEC)
Sent: Thursday, May 14, 2020 10:04 AM
To: Jennifer McIntosh <jennifer@kradd.org>
Cc: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: RE: Jackson Waterline Replacement Phase I Project

See attached Clearinghouse letter. I've highlighted the Floodplain Section's comment.

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: FW: Jackson Waterline Replacement Phase I Project

Please respond based on comments below.

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: Jackson Waterline Replacement Phase I Project

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid

waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

Kentucky River Area Development District

941 North Main Street

Hazard, KY 41701

Phone: 606-436-3158

Fax: 606-436-2144

Website: www.kradd.org

<https://www.facebook.com/KentuckyRiverADD/>

Jennifer McIntosh

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To: Jennifer McIntosh
Cc: Aldridge, Louanna C (EEC); Poore, John (EEC)
Subject: RE: Jackson Waterline Replacement Phase I Project
Attachments: KY201906050844.pdf

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Thank You,

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Water & Wastewater Planner

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Fax: 606-436-2144
Website: www.kradd.org
<https://www.facebook.com/KentuckyRiverADD/>

Department for Environmental Protection

Louanna Aldridge

Joel Murphy - Endorse with Comments The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201906050844) when submitting plans and specifications.

This project will replace the existing aging lines in the downtown area with new 2-inch, 4-inch, 6-inch, 8-inch and 10-inch PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Lane, Patton Avenue, Bobcat Lane, Quicksand Road, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project 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, Engineering Section, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

The system was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

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.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@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 Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov or David Jackson, Groundwater Section, (502) 782-6986, DavidA.Jackson@ky.gov.

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 Ron Dutta, Floodplain Management Section, (502) 782-6941, Ramendra.Dutta@ky.gov.



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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" Mobeilini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall Jack
Burklich Daie
Bishop Darrick
Bowling Neil
Napier Gregory
Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director

Michelle Allen

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

May 13, 2020

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

RE: Jackson Waterline Replacement Phase I Project

Dear Louanna:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson Waterline Replacement Phase I Project
Attachments: Scoping letter Dept Environmental protection.docx; ER Maps.pdf

Ms. Aldridge,

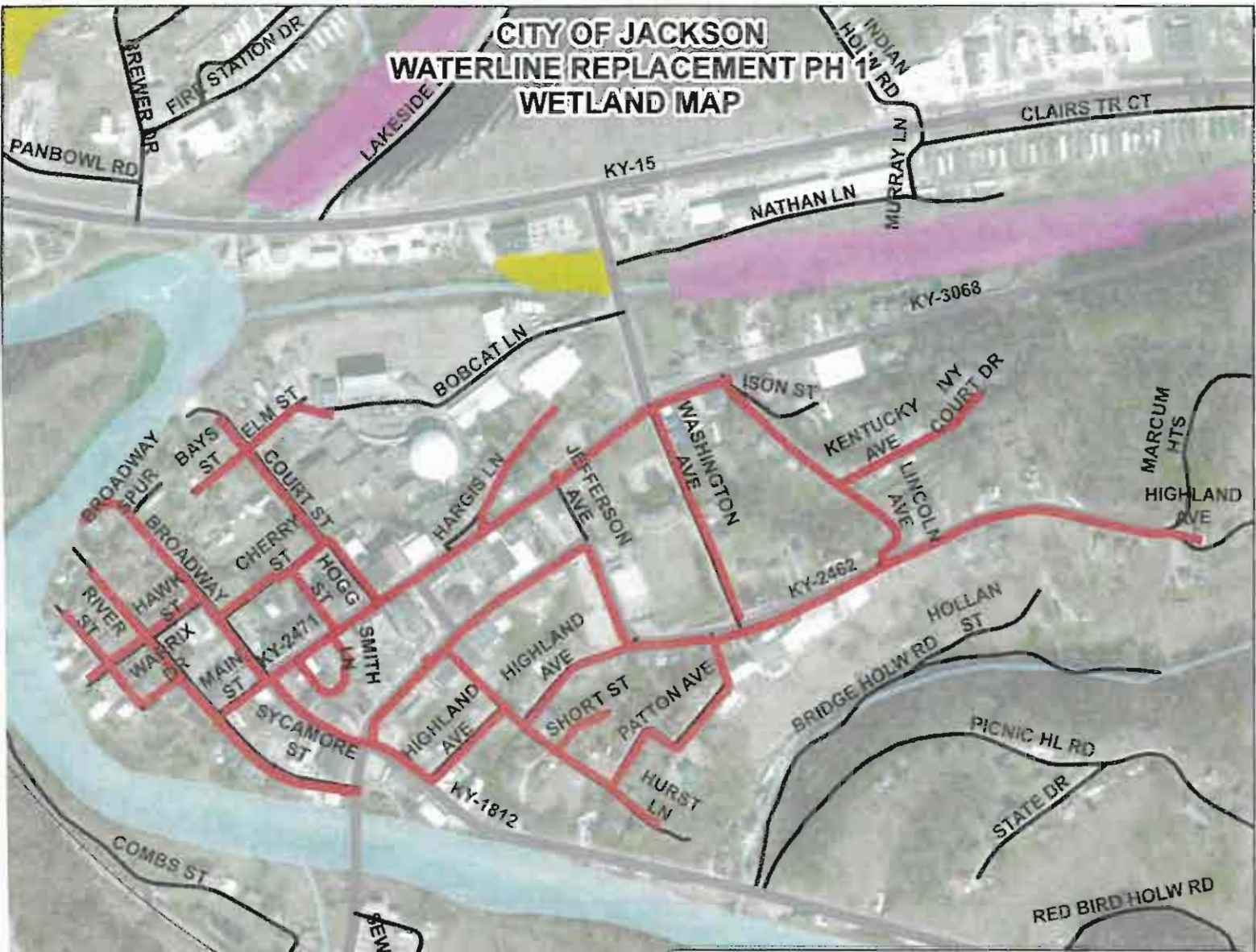
I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,


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

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP




Legend

 Proposed Water Lines

Breathitt Roads


Owner

 State Highways

 Others

National Wetland Inventory Polygons

WETLAND_TYPE

 Freshwater Emergent Wetland


 Freshwater Forested/Shrub Wetland

 Freshwater Pond

 Lake

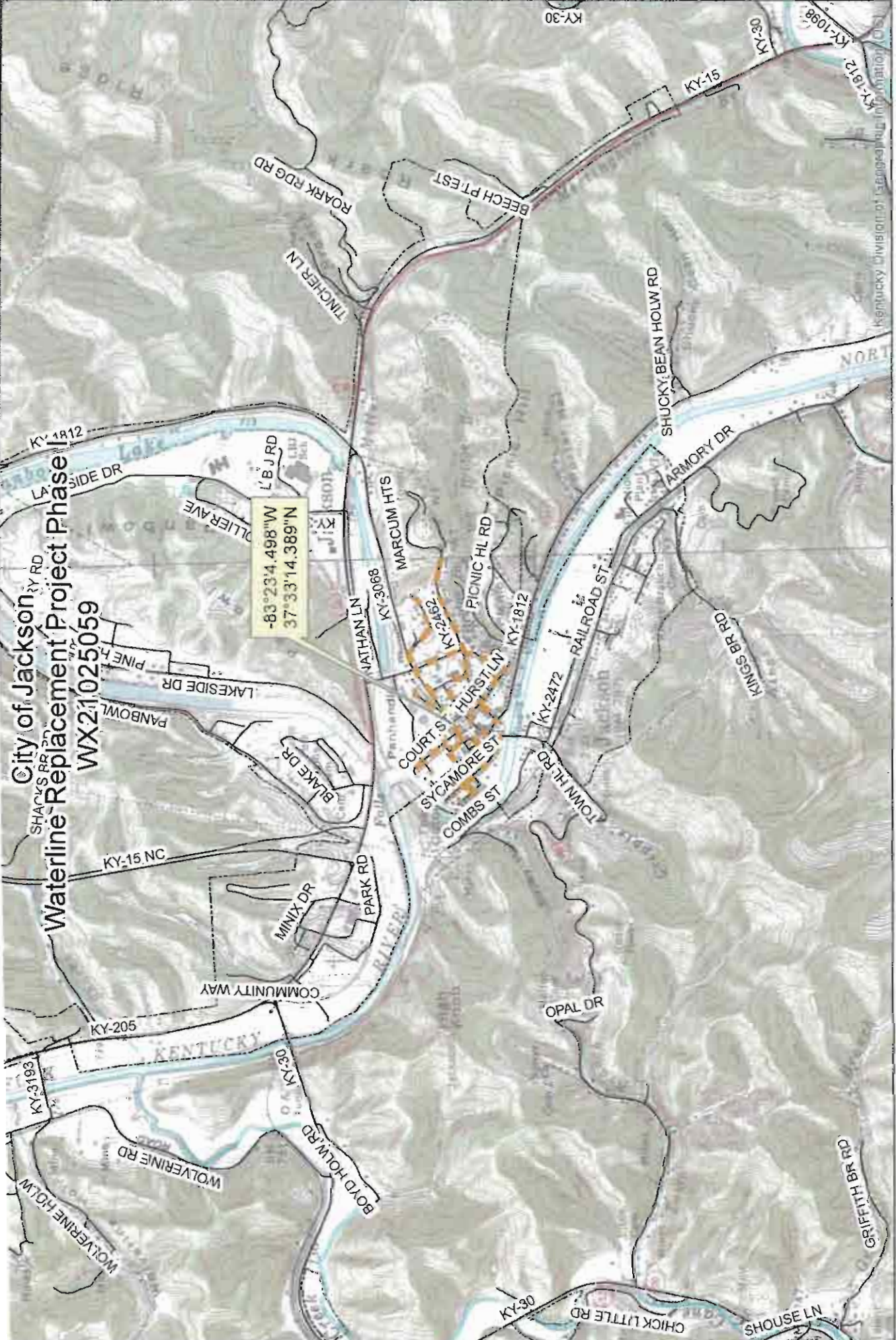
 Riverine

 Active Railroad

 Rail Switchyard

NOTES:

There are no Minority Concentrations in the Jurisdiction.
No property to be aquired in this project.
There are no identified drainage problem areas.
Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
2,518 LF of 8" and 3,884 LF of 10" PVC Lines. This will
encorpass all of what is considered the downtown area.

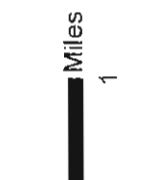


City of Jackson
Waterline Replacement Project Phase I
WX21025059

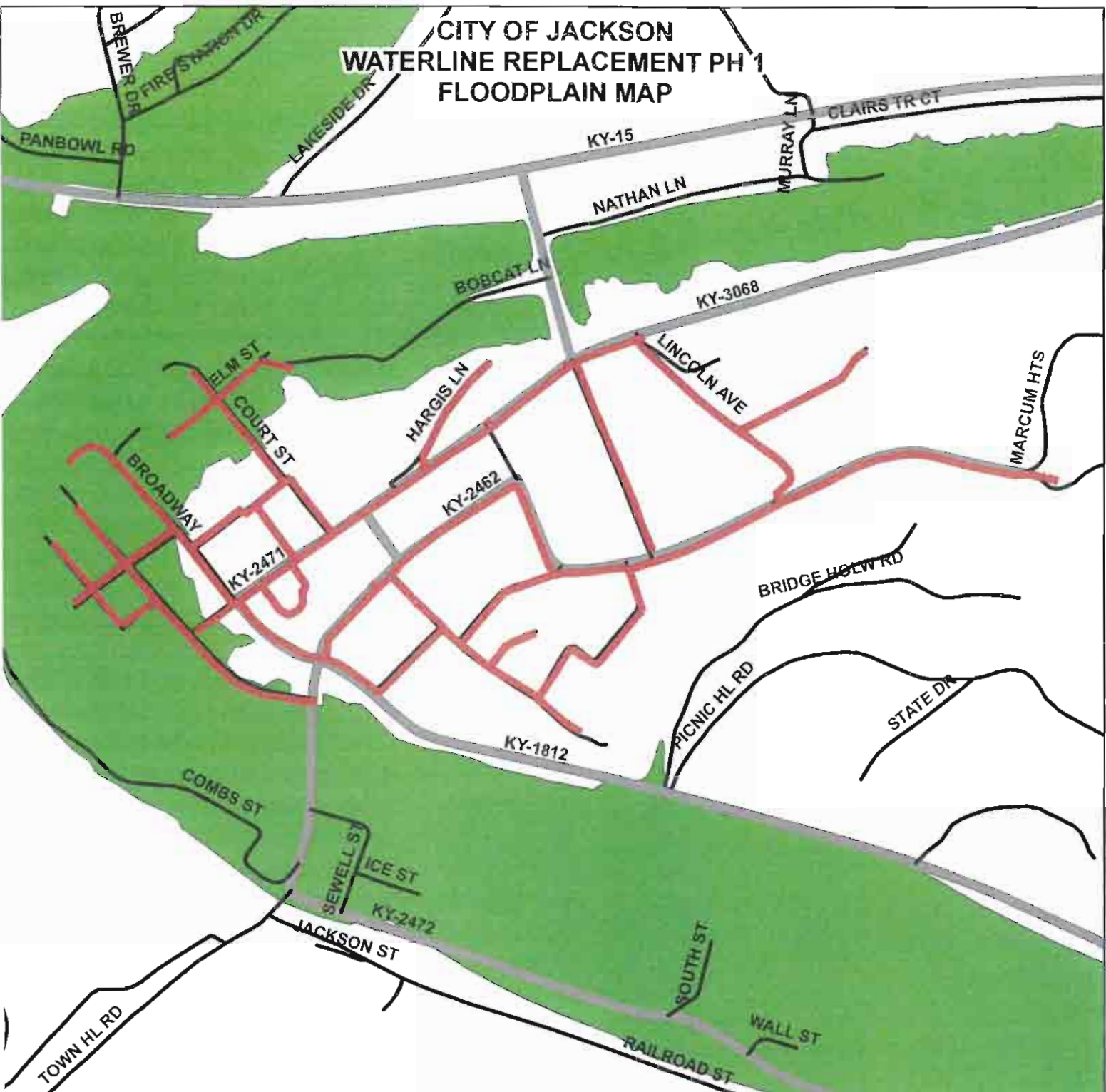
Legend

- Proposed Water Line
- City Boundary
- Braeburn Roads
- County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines

Breathitt Roads

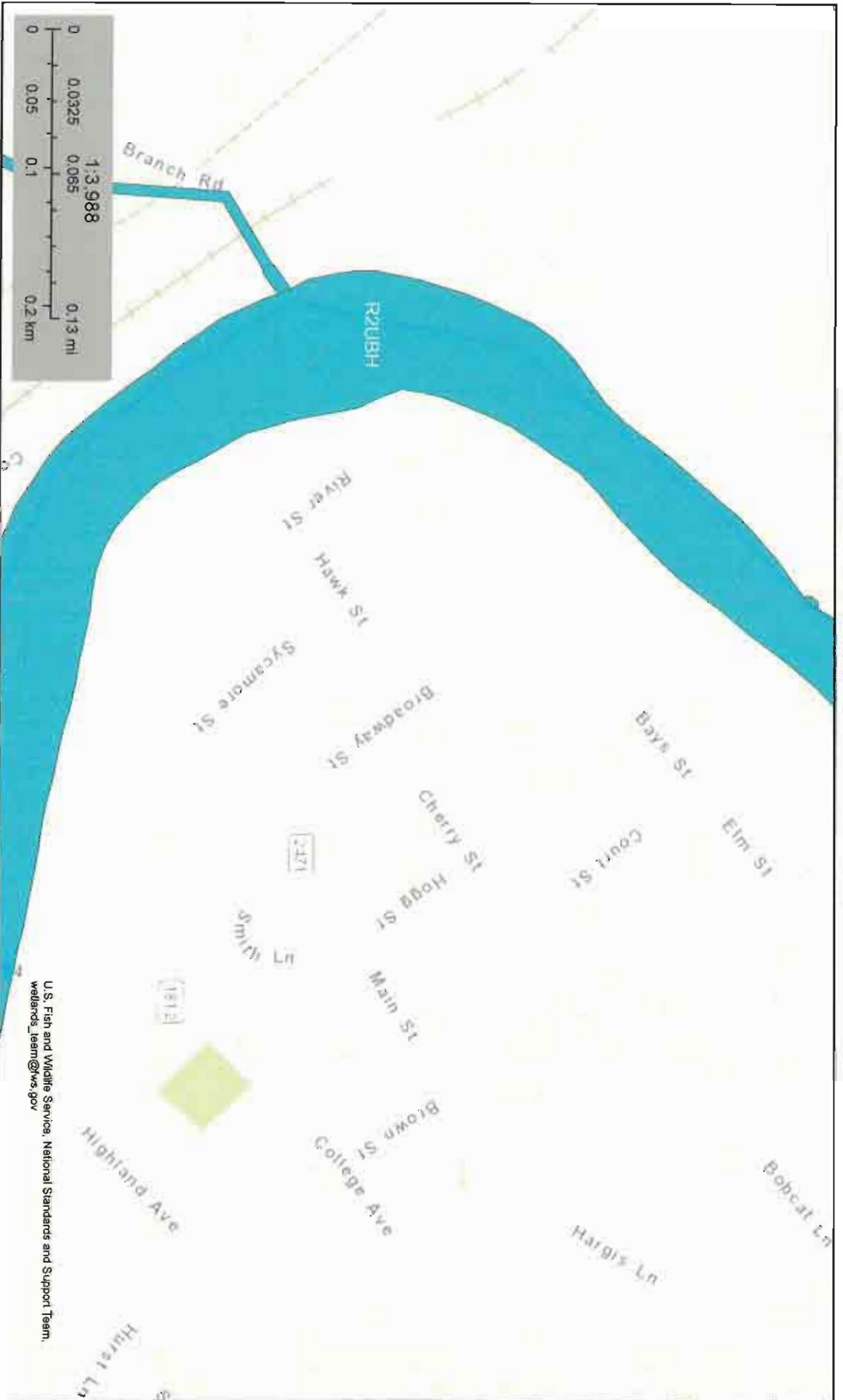
Owner

- State Highways
- Others

FEMA DFIRM - Floodplain



FLD_ZONE







- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



April 2, 2020

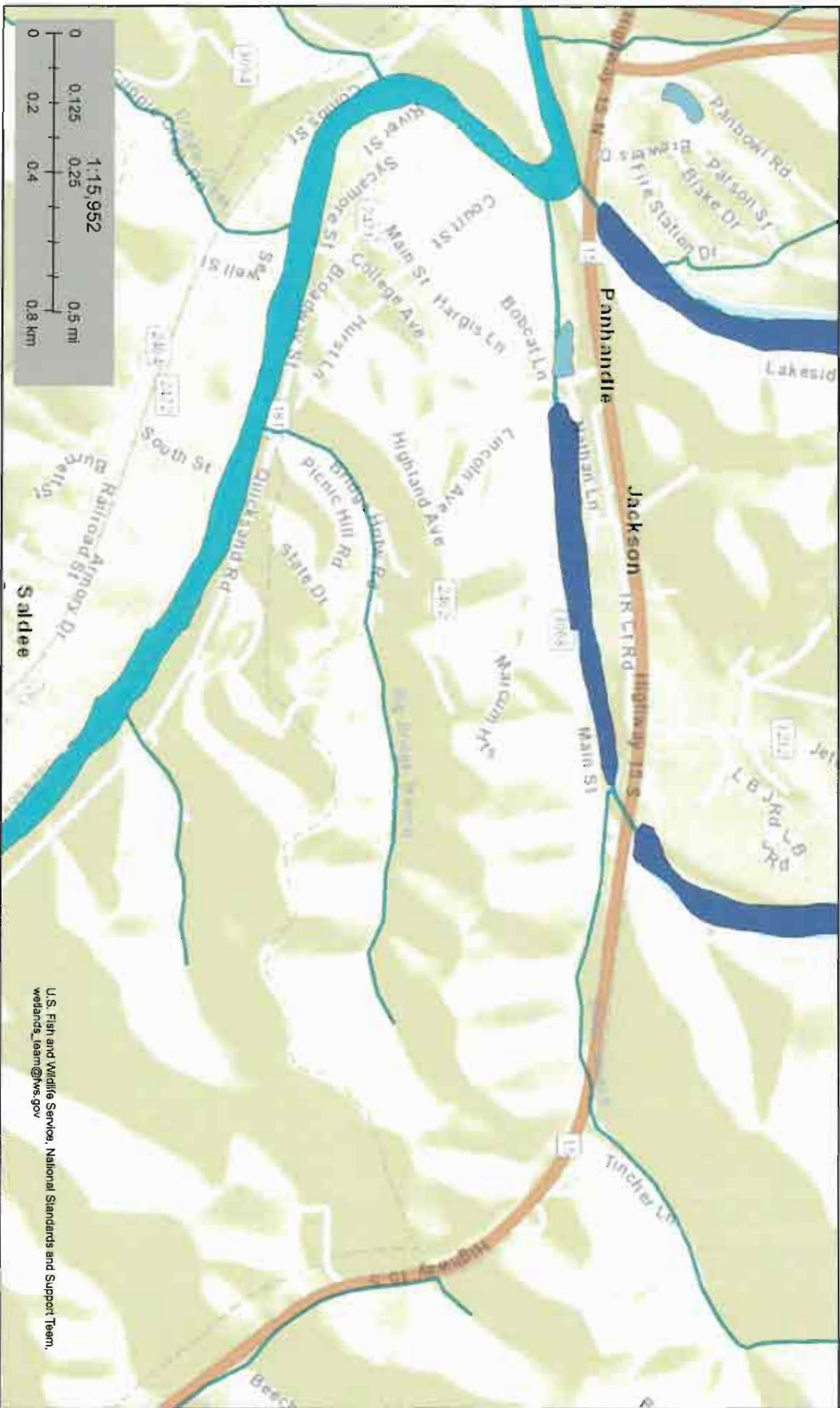
Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



April 2, 2020



(/index.html)

U.S. Fish & Wildlife Service

National Wetlands Inventory

NWI



Ecological Services (/ecological-services/index.html)

Wetlands Mapper

The Wetlands mapper is designed to deliver easy-to-use, map like views of America's Wetland resources. It integrates digital map data along with other resource information to produce current information on the status, extent, characteristics and functions of wetlands, riparian, and deepwater habitats. The Wetland Mapper fulfills the U.S. Fish and Wildlife Service's strategic plan for the development, revision and dissemination of wetlands data and information to resource managers and the public. This information is intended to promote the understanding and conservation of wetland resources through discovery and education as well as to aid in resource management, research and decision making.



The wetlands displayed on the Wetlands Mapper show wetland type and extent using a biological definition of wetlands. There is no attempt to define the limits of proprietary jurisdiction of any Federal, State, or local government, or to establish the geographical scope of the regulatory programs of government agencies.

1 Please read the [Basemap Limitations](#) (Limitations.htm) Geodatabase U Geodatabase-L

3 Open any Map in a new window:

TOPO

STREETS

SATELLITE

HYBRID

TERRAIN

GRAY

OPEN STREET MAP

NATGEO

USGS TOPO

NAT'L MAP

MAP LAYERS

Jackson

Panhandle

1: 9,028
37.557 | -83.378

VITA, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/N.

Ma

Re

Ar

Wetlands I

(<https://www.fws.gov/wetlands/data/Ma> and Condi

NWI data desktop/mobile viewer; data last modified Oct 8, 2019.

/wetland-projects-v2/) Recent wetland data additions and active wetland mapping projects.

- Last updated: March 31, 2020 -

U.S. Fish and Wildlife Service Home Page (/) | Department of the Interior (<https://www.doi.gov/>) | USA.gov (<https://www.usa.gov/>) | About the U.S. Fish and Wildlife Service (/help/about_us.html) | Accessibility (/help/accessibility.html) | Privacy (/help/policies.html) | Notices (/help/notices.html) | Disclaimer (/help/disclaimer.html) | FOIA (/irm/bplm/foia.html)

National Flood Hazard Layer FIRMette



Legend

SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

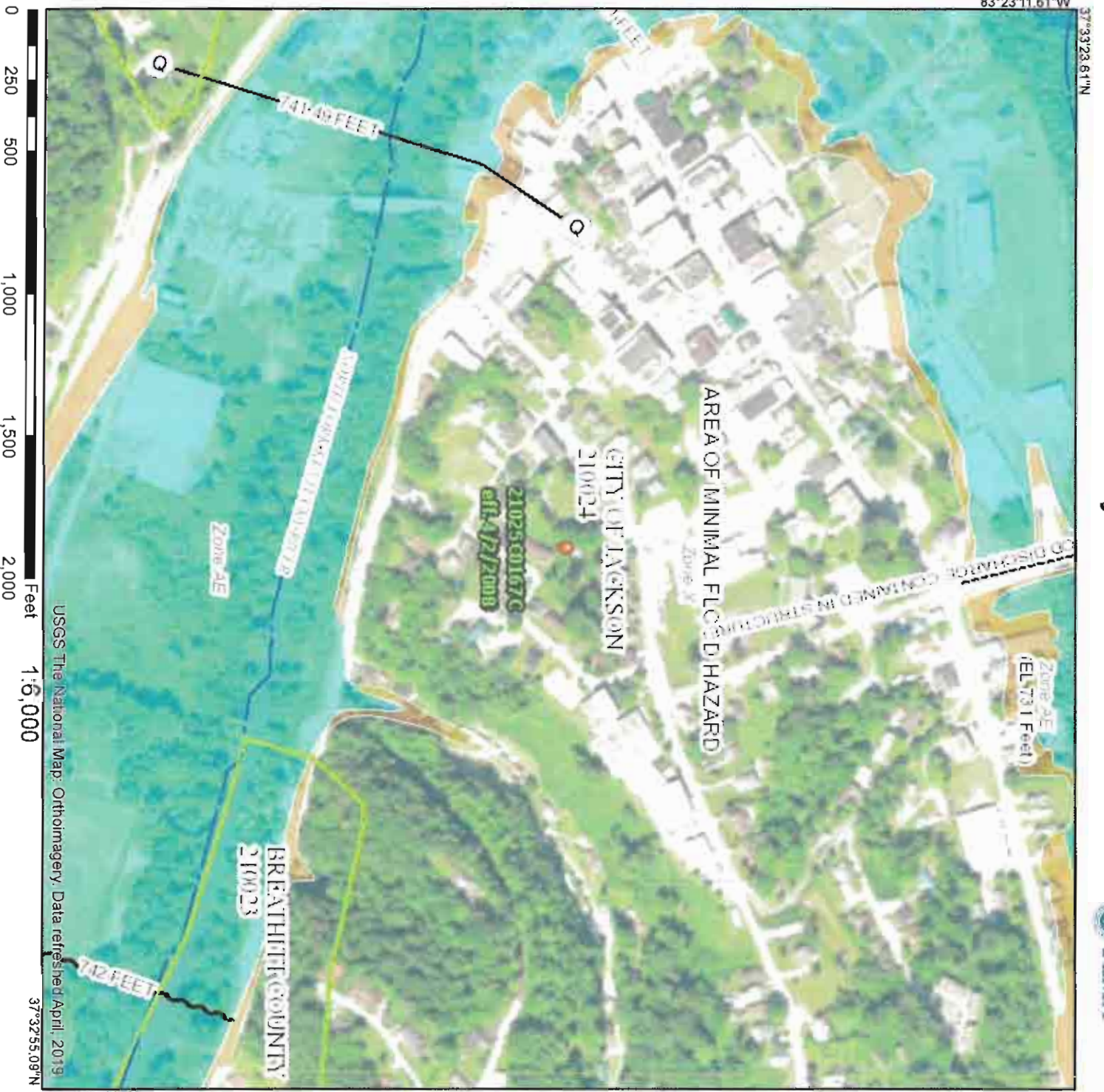
- SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE)
Zone A, X, and AH
 - With BFE or Depth (Zone AE, AO, A99, VE, AH)
 - Regulatory Floodway
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile (Zone X)
 - Future Conditions 1% Annual Chance Flood Hazard (Zone X)
 - Area with Reduced Flood Risk due to Levees. See Notes. Zone X
 - Area with Flood Risk due to Levee (Zone D)
- OTHER AREAS OF FLOOD HAZARD**
- Area of Minimal Flood Hazard (Zone X)
 - Effective LOMRs

- OTHER AREAS**
- GENERAL STRUCTURES**
- Area of Undetermined Flood Hazard (Zone X)
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall

- OTHER FEATURES**
- Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature

- MAP PANELS**
- Digital Data Available
 - No Digital Data Available
 - Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



USGS The National Map: Orthoimagery; Data refreshed April, 2019

**Federal Emergency Management Agency
Community Status Book Report
KENTUCKY
Communities Participating in the National Flood Program**

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210393#	ADAIR COUNTY *	ADAIR COUNTY		12/17/10	12/17/10	12/17/10	No
210353#	ADAIRVILLE, CITY OF	LOGAN COUNTY	09/08/78	10/02/12	10/02/12(M)	10/02/12	No
210059#	ALBANY, CITY OF	CLINTON COUNTY	05/10/74	02/27/76	07/22/10(M)	06/17/86	No
210391#	ALEXANDRIA, CITY OF	CAMPBELL COUNTY		09/30/04	03/03/14	12/08/09	No
210267#	ALLEN COUNTY*	ALLEN COUNTY	06/24/77	03/01/95	07/04/11	03/01/95	No
210070E	ALLEN, CITY OF	FLOYD COUNTY	01/23/74	04/18/83	09/16/15	04/18/83	No
210002B	ANDERSON COUNTY*	ANDERSON COUNTY	10/18/74	05/15/86	12/21/17	05/15/86	No
210043#	ARLINGTON, CITY OF	CARLISLE COUNTY	02/20/76	05/15/81	05/24/11(M)	07/02/87	No
210017#	ASHLAND, CITY OF	BOYD COUNTY	08/14/74	09/29/78	08/05/13	09/29/78	No
210148#	AUBURN, CITY OF	LOGAN COUNTY	05/17/74	11/03/78	10/02/12(M)	11/03/78	No
210022#	AUGUSTA, CITY OF	BRACKEN COUNTY	05/24/74	09/16/88	05/16/13	09/16/88	No
210268#	BALLARD COUNTY *	BALLARD COUNTY	04/08/77	06/29/89	07/07/14	09/29/89	No
210132B	BARBOURVILLE, CITY OF	KNOX COUNTY	03/16/74	12/01/77	03/16/15	12/01/77	No
210178#	BARDSTOWN, CITY OF	NELSON COUNTY	05/31/74	11/19/80	05/24/11	11/19/80	No
210044#	BARDWELL, CITY OF	CARLISLE COUNTY	02/27/76	08/01/88	05/24/11(M)	09/01/86	No
210334#	BARREN COUNTY *	BARREN COUNTY	08/19/77	05/03/11	05/03/11	05/03/11	No
210008#	BATH COUNTY*	BATH COUNTY	04/01/77	08/01/87	12/17/10	09/01/87	No
210136#	BEATTYVILLE, CITY OF	LEE COUNTY	05/17/74	07/03/78	10/16/08	07/03/78	No
210184#	BEAVER DAM, CITY OF	OHIO COUNTY	05/31/74	09/27/85	09/02/11(M)	09/27/85	No
210010B	BELL COUNTY *	BELL COUNTY	12/08/74	02/18/81	03/18/15	02/18/81	No
210035#	BELLEVUE, CITY OF	CAMPBELL COUNTY	02/01/74	04/15/80	03/03/14	04/15/80	No
210098B	BENHAM, CITY OF	HARLAN COUNTY	05/17/74	09/05/79	03/16/15	09/05/79	No
210183#	BENTON, CITY OF	MARSHALL COUNTY	06/15/73	03/15/77	06/02/11	03/15/77	No
210156B	BEREA, CITY OF	MADISON COUNTY	06/07/74	09/30/88	12/21/17	09/30/88	No
210106#	BERRY, CITY OF	HARRISON COUNTY	06/18/74	01/08/11	01/08/11(M)	01/06/11	No
210371#	BLACKKEY, CITY OF	LETCHER COUNTY		03/18/08	03/18/08(M)	03/18/08	No
210178#	BLOOMFIELD, CITY OF	NELSON COUNTY	05/10/74	08/04/80	05/24/11	06/04/80	No
210108#	BONNIEVILLE, CITY OF	HART COUNTY	08/28/74	05/17/88	07/18/11(M)	06/17/88	No
210013#	BOONE COUNTY *	BOONE COUNTY	12/27/74	06/15/81	06/04/07	06/15/81	No
210187#	BOONEVILLE, CITY OF	OWSLEY COUNTY	02/01/74	08/05/85	03/16/09(M)	08/05/85	No
210271#	BOURBON COUNTY *	BOURBON COUNTY	06/24/77	07/16/81	01/09/11	07/16/81	No
210219#	BOWLING GREEN, CITY OF	WARREN COUNTY	05/31/74	08/01/80	05/02/07	08/01/80	No
210016#	BOYD COUNTY *	BOYD COUNTY	12/13/74	12/02/80	08/05/13	12/02/80	No
210322#	BOYLE COUNTY*	BOYLE COUNTY	08/19/77	05/15/86	07/04/11	05/15/86	No
210021#	BRACKEN COUNTY*	BRACKEN COUNTY	06/10/77	11/01/97	05/16/13	11/01/97	No
	Foster is now a part of Bracken County						
210161#	BRADFORDSVILLE, CITY OF	MARION COUNTY	05/10/74	09/04/85	01/08/10(M)	09/04/85	No
210170#	BRANDENBURG, CITY OF	MEADE COUNTY	05/17/74	06/17/86	07/18/11	06/17/86	No
210023#	BREATHITT COUNTY *	BREATHITT COUNTY	01/03/75	09/27/85	04/02/08	09/27/85	No
210025#	BRECKINRIDGE COUNTY*	BRECKINRIDGE COUNTY	10/21/77	09/01/88	09/04/08(M)	09/01/88	No
210201#	BRODHEAD, CITY OF	ROCKCASTLE COUNTY	05/17/74	09/03/09	08/03/09(M)	08/03/09	No
210253#	BROMLEY, CITY OF	KENTON COUNTY	02/01/74	04/15/80	05/16/13	04/15/80	No
210236#	BROWNSVILLE, CITY OF	EDMONSON COUNTY	10/08/76	09/04/91	10/19/10	09/04/91	No
210005#	BUCKHORN, CITY OF	PERRY COUNTY		08/02/08	08/02/08	08/01/13	No
210273B	BULLITT COUNTY*	BULLITT COUNTY	05/20/77	07/01/91	04/05/16	07/01/91	No
210174#	BURGIN, CITY OF	MERCER COUNTY	05/10/74	06/01/88	09/17/06(M)	08/01/88	No
210081#	BURKESVILLE, CITY OF	CUMBERLAND COUNTY	02/15/74	07/03/88	09/19/12	07/03/88	No
210029#	BUTLER COUNTY*	BUTLER COUNTY	07/08/77	07/17/85	01/08/14	07/17/85	No
210188#	BUTLER, CITY OF	PENDLETON COUNTY	01/16/74	04/30/88	08/18/13	04/30/88	No
210354B	CADIZ, CITY OF	TRIGG COUNTY	08/29/78	07/01/01	04/19/19(M)	07/01/01	No
210326B	CALDWELL COUNTY*	CALDWELL COUNTY		10/16/09	04/19/19	04/13/10	No
210164#	CALHOUN, CITY OF	MCLEAN COUNTY	02/01/74	06/19/88	04/18/11	08/19/88	No

**Federal Emergency Management Agency
Community Status Book Report
KENTUCKY
Communities Participating in the National Flood Program**

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210096#	CALIFORNIA, CITY OF	CAMPBELL COUNTY	03/15/74	04/03/78	03/03/14	04/03/78	No
210313#	CALLOWAY COUNTY *	CALLOWAY COUNTY	12/02/77	11/01/07	09/29/10	11/01/07	No
210184#	CALVERT CITY, CITY OF	MARSHALL COUNTY	02/14/75	08/05/85	06/02/11	08/05/85	No

210421#	CAMARGO, CITY OF	MONTGOMERY COUNTY		01/08/11	01/06/11	05/23/19	No
210034#	CAMPBELL COUNTY *	CAMPBELL COUNTY	12/27/74	09/30/81	03/03/14	08/30/81	No
210213#	CAMPBELLSVILLE, CITY OF	TAYLOR COUNTY	05/24/74	08/05/88	05/24/11(M)	08/05/88	No
210084#	CANEYVILLE, CITY OF	GRAYSON COUNTY	05/10/74	08/27/85	08/19/12	08/27/85	No
210042#	CARLISLE COUNTY *	CARLISLE COUNTY	10/18/74	02/01/81	05/24/11	02/01/81	No
210182#	CARLISLE, CITY OF	NICHOLAS COUNTY	05/24/74	08/05/10	08/05/10(M)	09/27/85	No
210045B	CARROLL COUNTY*	CARROLL COUNTY	02/25/77	09/01/89	12/21/17	09/01/89	No
210232B	CARROLLTON, CITY OF	CARROLL COUNTY	08/14/74	09/04/85	12/21/17	09/04/85	No
210050#	CARTER COUNTY *	CARTER COUNTY	12/13/74	02/15/84	08/02/11	02/15/84	No
210018#	CATLETTSBURG, CITY OF	BOYD COUNTY	05/03/74	01/03/79	08/05/13	01/03/79	No
210011#	CAVE CITY, CITY OF	BARREN COUNTY		05/03/11	05/03/11(M)	05/03/11	No
210175#	CENTRAL CITY, CITY OF	MUHLENBERG COUNTY	02/01/74	08/05/88	10/18/13	08/05/88	No
210277B	CHRISTIAN COUNTY*	CHRISTIAN COUNTY	08/24/77	11/01/87	04/19/19	11/01/87	No
210278B	CLARK COUNTY*	CLARK COUNTY	08/05/77	12/04/88	12/21/17	12/04/88	No
210195#	CLAY CITY, CITY OF	POWELL COUNTY	02/09/74	02/19/82	02/17/10	09/08/89	No
210057#	CLAY COUNTY*	CLAY COUNTY	12/27/74	01/01/87	09/28/07	01/01/87	No
210222#	CLAY, CITY OF	WEBSTER COUNTY	02/01/74	08/19/88	12/17/13(M)	08/19/88	No
210327#	CLINTON COUNTY *	CLINTON COUNTY	07/15/77	08/19/88	07/22/10	08/19/88	No
210111#	CLINTON, TOWN OF	HICKMAN COUNTY	05/17/74	08/01/88	02/18/11(M)	08/01/88	No
210026#	CLOVERPORT, CITY OF	BRECKINRIDGE COUNTY	02/01/74	09/18/85	06/04/08(M)	09/18/85	No
210283C	COAL RUN VILLAGE, CITY OF	PIKE COUNTY	01/10/75	12/04/79	08/18/15	12/04/79	No
210395#	COLD SPRING, CITY OF	CAMPBELL COUNTY		09/30/04	03/03/14	05/11/07	No
210434#	COLUMBIA, CITY OF	ADAIR COUNTY		12/17/10	12/17/10(M)	12/17/10	No
210227C	CORBIN, CITY OF	WHITLEY COUNTY/KNOX COUNTY	08/14/74	12/18/88	03/18/15	12/18/88	No
210129#	COVINGTON, CITY OF	KENTON COUNTY	03/15/74	08/15/79	05/18/13	08/15/79	No
210143#	CRAB ORCHARD, TOWN OF	LINCOLN COUNTY	08/14/74	08/17/10	09/17/10(M)	08/17/10	No
210450#	CRESCENT SPRINGS, CITY OF	KENTON COUNTY		03/18/09	05/18/13	04/20/11	No
210451#	CRESTVIEW HILLS, CITY OF	KENTON COUNTY		03/18/09	05/18/13	06/11/09	No
210027#	CRESTWOOD, CITY OF	OLDHAM COUNTY		08/19/87	09/20/08(M)	07/27/08	No
Shown on Oldham County FIRM panels 210185 0150B, and 0175B, dated 08/19/1987. FIRM updates on 09/20/2008.							
210254#	CRITTENDEN COUNTY *	CRITTENDEN COUNTY	12/23/77	04/01/89	08/18/09	04/01/89	No
210100B	CUMBERLAND, CITY OF	HARLAN COUNTY	03/10/73	03/15/77	03/18/15	03/15/77	No
210107#	CYNTHIANA, CITY OF	HARRISON COUNTY	08/07/74	10/15/81	01/08/11	10/15/81	No
210019#	DANVILLE, CITY OF	BOYLE COUNTY	05/31/74	08/27/85	07/04/11	08/27/85	No
210002#	DAVISS COUNTY *	DAVISS COUNTY	12/08/74	09/03/80	04/18/09	09/03/80	No
210113#	DAWSON SPRINGS, CITY OF	HOPKINS COUNTY	02/01/74	08/19/88	05/18/08(M)	08/19/88	No
210037#	DAYTON, CITY OF	CAMPBELL COUNTY	02/01/74	08/15/80	03/03/14	08/15/80	No
210187#	DOVER, CITY OF	MASON COUNTY	08/02/74	05/15/86	04/18/13	05/15/86	No
210114#	EARLINGTON, CITY OF	HOPKINS COUNTY	05/17/74	08/18/81	05/18/08(M)	08/18/81	No
210452#	EDGEWOOD, CITY OF	KENTON COUNTY		03/18/09	05/18/13	11/22/10	No
210255#	EDMONSON COUNTY*	EDMONSON COUNTY		10/18/10	10/18/10	10/18/10	No
210173#	EDMONTON, CITY OF	METCALFE COUNTY	08/28/74	07/01/87	05/03/10(M)	07/01/87	No
210095#	ELIZABETHTOWN, CITY OF	HARDIN COUNTY	08/23/74	12/02/80	08/18/07	12/02/80	No
210356#	ELKHORN CITY, CITY OF	PIKE COUNTY	03/18/78	11/01/85	05/02/08	11/01/85	No
210381#	ELKTON, CITY OF	TODD COUNTY		07/22/10	07/22/10(M)	07/22/10	No
210372#	ELLIOTT COUNTY*	ELLIOTT COUNTY		08/05/10	08/05/10	08/05/10	No

**Federal Emergency Management Agency
Community Status Book Report
KENTUCKY
Communities Participating in the National Flood Program**

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210378#	ERLANGER, CITY OF	KENTON COUNTY		03/18/09	05/18/13	03/18/09	No
210279#	ESTILL COUNTY*	ESTILL COUNTY		05/24/11	05/24/11	05/24/11	No
210101B	EVARTS, CITY OF	HARLAN COUNTY	05/17/74	11/19/80	03/18/15	11/19/80	No
210424#	FAIRFIELD, CITY OF	NELSON COUNTY		08/24/11	(NSFHA)	01/18/20	No
210189#	FALMOUTH, CITY OF	PENDLETON COUNTY	05/24/74	07/03/86	08/18/13	07/03/86	No
210087#	FLATWOODS, CITY OF	GREENUP COUNTY	02/01/74	07/18/81	09/28/14	07/18/81	No
210335#	FLEMING COUNTY *	FLEMING COUNTY		05/20/10	05/20/10(M)	02/05/92	No
210290#	FLEMING-NEON, CITY OF	LETCHER COUNTY	03/28/75	08/18/87	03/18/08(M)	08/18/87	No
210088#	FLEMINGSBURG, CITY OF	FLEMING COUNTY	08/07/74	05/20/10	05/20/10(M)	09/18/85	No
210238#	FLORENCE, CITY OF	BOONE COUNTY	02/01/74	07/03/86	06/04/07(M)	07/03/86	No
210059E	FLOYD COUNTY *	FLOYD COUNTY	12/13/74	09/05/84	09/18/15	09/05/84	No
210038#	FORT THOMAS, CITY OF	CAMPBELL COUNTY	01/25/74	09/01/88	03/03/14	09/01/88	No
210249#	FORT WRIGHT, CITY OF	KENTON COUNTY	01/17/75	09/30/80	05/18/13	10/21/80	No
210075C	FRANKFORT, CITY OF	FRANKLIN COUNTY	08/07/74	07/02/81	12/21/17	07/02/81	No
210280C	FRANKLIN COUNTY *	FRANKLIN COUNTY	08/17/77	09/30/81	12/21/17	09/30/81	No
210210#	FRANKLIN, CITY OF	SIMPSON COUNTY	06/07/74	09/27/85	03/17/11	09/27/85	No
210373#	FRENCHBURG, CITY OF	MENEFEE COUNTY		08/05/12	06/05/12(M)	06/05/12	No
210336#	FULTON COUNTY *	FULTON COUNTY	12/23/77	05/24/11	05/24/11	05/24/11	No

210076#	FULTON, CITY OF	FULTON COUNTY	02/15/74	08/01/80	05/24/11	08/01/80	No
210281#	GALLATIN COUNTY*	GALLATIN COUNTY	09/03/76	08/19/87	03/18/08	07/20/97	No
210081B	GARRARD COUNTY *	GARRARD COUNTY	10/18/74	09/01/89	12/21/17	09/01/89	No
210208B	GEORGETOWN, CITY OF	SCOTT COUNTY	05/24/74	02/04/81	12/21/17	02/04/81	No
210046#	GHEENT, CITY OF	CARROLL COUNTY	01/18/74	09/18/88	07/17/07	09/18/86	No
210007#	GLASGOW, CITY OF	BARREN COUNTY	05/24/74	05/01/87	05/03/11(M)	05/01/87	No
210078#	GLENCOE, CITY OF	GALLATIN COUNTY	02/01/74	03/18/08	03/18/08	07/08/08	No
210397#	GOSHEN, CITY OF NSFHA, All Zones C and X	OLDHAM COUNTY		09/20/06	(NSFHA)	05/10/07	No
210337#	GRANT COUNTY *	GRANT COUNTY		08/05/10	08/05/10	08/05/10	No
210321B	GRATZ, CITY OF	OWEN COUNTY	07/22/77	08/19/86	12/21/17	08/19/86	No
210282#	GRAVES COUNTY*	GRAVES COUNTY	11/04/77	12/01/92	12/03/09	12/01/92	No
210330#	GRAYSON COUNTY *	GRAYSON COUNTY	11/25/77	02/15/91	09/19/12	09/15/01	No
210051#	GRAYSON, CITY OF	CARTER COUNTY	02/01/74	08/16/82	06/02/11	08/16/82	No
210283#	GREEN COUNTY*	GREEN COUNTY		05/03/10	05/03/10(M)	05/03/10	No
210086#	GREENSBURG, CITY OF	GREEN COUNTY	01/25/74	05/03/10	05/03/10(M)	05/15/86	No
210284#	GREENUP COUNTY*	GREENUP COUNTY	07/29/77	01/19/83	09/26/14	01/19/83	No
210088#	GREENUP, CITY OF	GREENUP COUNTY	01/23/74	07/05/82	09/26/14	02/05/82	No
210176#	GREENVILLE, CITY OF	MUHENBERG COUNTY	05/24/74	08/19/86	10/18/13	08/19/86	No
210214#	GUTHRIE, CITY OF	TODD COUNTY	06/07/74	07/22/10	07/22/10(M)	04/30/86	No
210256#	HANCOCK COUNTY *	HANCOCK COUNTY		06/17/08	09/27/13	08/25/08	No
210388#	HANSON, CITY OF USE HOPKINS COUNTY (CID 210112) FIRM DATED 8/19/91 PANEL # 90B.	HOPKINS COUNTY		05/16/08	05/18/08	09/15/01	No
210094#	HARDIN COUNTY*	HARDIN COUNTY	10/18/74	11/04/88	08/16/07	11/04/88	No
210303#	HARDIN, CITY OF	MARSHALL COUNTY	08/14/74	07/01/01	06/02/11(M)	07/01/01	No
210285#	HARDINSBURG, CITY OF	BRECKINRIDGE COUNTY		08/04/08	08/04/08	02/25/09	No
210098B	HARLAN COUNTY *	HARLAN COUNTY	11/29/74	08/15/78	03/16/15	08/15/78	No
	Includes the area of the former City of Wallins Creek (CID 215192) which was dissolved.						
210102B	HARLAN, CITY OF	HARLAN COUNTY	03/16/73	01/17/79	03/16/15	01/17/79	No
210329#	HARRISON COUNTY *	HARRISON COUNTY	08/26/77	11/04/81	01/08/11	05/31/85	No
210172#	HARRODSBURG, CITY OF	MERCER COUNTY	05/10/74	08/19/86	09/17/08(M)	08/19/88	No
210257#	HART COUNTY *	HART COUNTY	07/08/77	07/01/91	07/18/11	07/01/91	No

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CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210357#	HARTFORD, CITY OF	OHIO COUNTY	09/15/78	09/04/85	06/02/11	09/04/85	No
210239#	HAWESVILLE, CITY OF	HANCOCK COUNTY	02/15/74	11/05/86	09/27/13	11/05/86	No
215188#	HAZARD, CITY OF	PERRY COUNTY	03/10/72	03/10/72	06/02/06	03/10/72	No
210286B	HENDERSON COUNTY*	HENDERSON COUNTY	08/24/77	02/06/91	09/29/17	04/10/91	No
210109B	HENDERSON, CITY OF	HENDERSON COUNTY	02/15/74	08/15/78	09/29/17	06/15/78	No
210110B	HENRY COUNTY*	HENRY COUNTY	10/18/74	01/01/88	12/21/17	01/01/88	No
	INCLUDES THE CITY OF LOCKPORT						
210077#	HICKMAN, CITY OF	FULTON COUNTY	06/28/74	06/18/82	05/24/11	07/16/07	No
210390#	HIGHLAND HEIGHTS, CITY OF	CAMPBELL COUNTY		09/30/04	03/03/14	09/18/16	No
210384B	HILLVIEW, CITY OF	BULLITT COUNTY		12/16/04	04/05/16	11/24/09	No
210130#	HINDMAN, CITY OF	KNOTT COUNTY	05/31/74	07/01/87	09/28/07(M)	07/01/87	No
210133#	HODGENVILLE, CITY OF	LARUE COUNTY	05/17/74	08/19/86	01/16/09(M)	08/19/86	No
210112#	HOPKINS COUNTY *	HOPKINS COUNTY	10/18/74	08/19/91	05/16/08	03/16/92	No
210055B	HOPKINSVILLE, CITY OF	CHRISTIAN COUNTY	02/01/74	09/05/79	04/19/19	09/05/79	No
210144#	HUSTONVILLE, CITY OF	LINCOLN COUNTY	08/02/74	09/27/85	09/17/10(M)	09/27/85	No
210137#	HYDEN, CITY OF	LESLIE COUNTY	05/24/74	09/01/86	09/28/07	09/01/86	No
210240#	INDEPENDENCE, CITY OF	KENTON COUNTY	02/08/74	09/17/80	05/16/13	09/17/80	No
210362B	INEZ, CITY OF	MARTIN COUNTY	12/13/74	08/05/86	09/16/15	05/19/86	No
210064#	IRVINE, CITY OF	ESTILL COUNTY	05/17/74	09/27/85	05/24/11	09/27/85	No
210380#	IRVINGTON, CITY OF	BRECKINRIDGE COUNTY		08/04/08	(NSFHA)	02/11/09	No
210118#	JACKSON COUNTY*	JACKSON COUNTY	11/11/77	07/01/87	08/03/09(M)	07/01/87	No
210024#	JACKSON, CITY OF	BREATHITT COUNTY	05/17/74	09/27/85	04/02/08	09/27/85	No
210206#	JAMESTOWN, CITY OF	RUSSELL COUNTY	05/10/74	06/25/76	08/19/10	08/25/76	No
210356#	JEFFERSONVILLE, CITY OF	MONTGOMERY COUNTY	09/06/78	01/06/11	01/06/11	01/06/11	No
210138#	JENKINS, CITY OF	LETCHER COUNTY	08/07/74	06/03/86	03/18/08(M)	06/03/88	No
210125B	JESSAMINE COUNTY *	JESSAMINE COUNTY	12/06/74	08/01/78	12/21/17	08/01/78	No
210339A	JOHNSON COUNTY*	JOHNSON COUNTY	11/11/97	05/04/88	09/16/15	05/04/88	No
210377#	JUNCTION CITY, CITY OF	BOYLE COUNTY		09/30/98	07/04/11(M)	09/30/98	No
210128#	KENTON COUNTY *	KENTON COUNTY	10/18/74	07/02/81	05/16/13	07/02/81	No
210340B	KNOTT COUNTY*	KNOTT COUNTY	11/04/77	02/01/87	09/16/15(M)	02/01/87	No
210131B	KNOX COUNTY *	KNOX COUNTY	12/13/74	05/17/89	03/16/15	05/17/89	No
210472#	LAKEVIEW HEIGHTS, CITY OF	ROWAN COUNTY		04/16/11	04/18/11(M)	04/20/11	No
210082#	LANCASTER, CITY OF	GARRARD COUNTY	07/19/74	12/14/79	(NSFHA)	12/14/79	No

210266#	LARUE COUNTY *	LARUE COUNTY		10/02/81	01/16/09(M)	09/04/85	No
210134B	LAUREL COUNTY *	LAUREL COUNTY	12/27/74	11/02/90	03/16/15	02/08/05	No
210258B	LAWRENCE COUNTY*	LAWRENCE COUNTY		04/17/84	09/18/15	04/18/85	No
210003B	LAWRENCEBURG, CITY OF	ANDERSON COUNTY	08/18/74	12/14/79	12/21/17	12/14/79	No
210304B	LEBANON JUNCTION, CITY OF	BULLITT COUNTY	03/15/74	07/16/87	04/05/16	07/18/87	No
210162#	LEBANON, CITY OF	MARION COUNTY	05/31/74	09/27/85	01/08/10(M)	09/27/85	No
210135#	LEE COUNTY *	LEE COUNTY		10/18/74	09/27/85	10/16/08	No
210085#	LEITCHFIELD, TOWN OF	GRAYSON COUNTY	05/10/74	09/15/01	09/19/12	09/19/12	No
210324#	LESLIE COUNTY*	LESLIE COUNTY	07/29/77	01/01/88	09/28/07	01/01/88	No
210289B	LETCHER COUNTY*	LETCHER COUNTY	09/02/77	08/01/05	03/16/15	08/01/05	No
210141#	LEWIS COUNTY*	LEWIS COUNTY	12/20/74	02/19/87	04/16/13	02/19/87	No
210149#	LEWISBURG, CITY OF	LOGAN COUNTY	05/17/74	06/17/77	10/02/12(M)	06/17/77	No
210093#	LEWISPORT, CITY OF	HANCOCK COUNTY	01/25/74	11/18/86	09/27/13	11/18/86	No
210087C	LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT	FAYETTE COUNTY	02/15/74	09/28/79	12/21/17	09/28/79	No
210054#	LIBERTY, CITY OF	CASEY COUNTY	05/24/74	07/03/88	07/07/09	07/03/88	No
210325#	LINCOLN COUNTY*	LINCOLN COUNTY	08/28/77	07/03/86	09/17/10(M)	07/03/86	No
210155#	LIVERMORE, CITY OF	MCLEAN COUNTY	02/01/74	06/05/88	04/18/11	06/05/88	No
210146#	LIVINGSTON COUNTY*	LIVINGSTON COUNTY		08/18/12	08/16/12	03/08/01	No

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CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210202#	LIVINGSTON, CITY OF	ROCKCASTLE COUNTY	08/02/74	08/17/88	08/03/09(M)	08/17/88	No
210341#	LOGAN COUNTY *	LOGAN COUNTY	09/08/77	10/02/12	10/02/12	10/02/12	No
210398B	LONDON, CITY OF	LAUREL COUNTY		08/02/08	03/16/15	09/02/06	No
210241B	LOUISA, CITY OF	LAWRENCE COUNTY	02/08/74	11/19/80	09/16/15	11/19/80	No
215189B	LOYALL, CITY OF	HARLAN COUNTY		04/08/73	03/16/15	04/08/73	No
210266#	LUDLOW, CITY OF	KENTON COUNTY	02/01/74	09/28/79	05/16/13	09/28/79	No
210104B	LYNCH, CITY OF	HARLAN COUNTY	05/10/74	07/02/79	03/16/15	07/02/79	No
210314B	LYON COUNTY *	LYON COUNTY		06/16/12	04/18/18	06/16/12	No
210342B	MADISON COUNTY *	MADISON COUNTY	08/28/77	09/28/90	12/21/17	09/28/90	No
210115#	MADISONVILLE, CITY OF	HOPKINS COUNTY	05/17/74	08/05/88	05/18/08	08/05/88	No
210150C	MAGOFFIN COUNTY *	MAGOFFIN COUNTY	08/26/77	03/04/88	09/16/15	03/04/88	No
210056#	MANCHESTER, CITY OF	CLAY COUNTY	02/01/74	07/02/87	09/28/07(M)	07/02/87	No
210180#	MARION COUNTY*	MARION COUNTY	10/18/74	08/18/85	01/08/10(M)	08/18/85	No
210323#	MARION, CITY OF	CRITTENDEN COUNTY		08/16/09	06/16/09(M)	01/21/20	No
210252#	MARSHALL COUNTY *	MARSHALL COUNTY	03/17/78	08/19/81	06/02/11	04/01/87	No
	Includes the City of Gilbertsville (CID 210251) which is defunct, and is entirely under the jurisdiction of Marshall County. Check FIRM panels 21139C0280C and 0295C dated 08/18/2012 and 21157C0339E and 0043E dated 06/02/2011 for Gilbertsville.						
210166B	MARTIN COUNTY*	MARTIN COUNTY	12/13/74	02/19/88	09/16/15	02/19/88	No
210071E	MARTIN, CITY OF	FLOYD COUNTY	05/24/74	02/15/84	09/18/15	02/15/84	No
210259#	MASON COUNTY *	MASON COUNTY	12/31/78	11/01/87	04/18/13	11/01/87	No
210083#	MAYFIELD, CITY OF	GRAVES COUNTY	03/15/74	03/16/81	12/03/09	03/16/81	No
210168#	MAYSVILLE, CITY OF	MASON COUNTY	02/01/74	08/30/78	04/16/13	06/30/78	No
	includes the former City of Washington CID #210411 as of 9/12/1990 which was not participating.						
210151#	MCCRACKEN COUNTY *	MCCRACKEN COUNTY	12/08/74	08/04/80	11/02/11	08/04/80	No
210343B	MCCREARY COUNTY *	MCCREARY COUNTY	11/25/77	09/02/09	03/18/15	09/02/09	No
210118#	MCKEE, CITY OF	JACKSON COUNTY	05/10/74	07/17/88	08/03/09(M)	07/17/88	No
210153#	MCLEAN COUNTY *	MCLEAN COUNTY	12/08/74	02/15/91	04/18/11	02/15/91	No
210189#	MEADE COUNTY*	MEADE COUNTY	05/13/77	02/06/91	07/18/11	05/03/85	No
210250#	MELBOURNE, CITY OF	CAMPBELL COUNTY	02/01/74	03/28/80	03/03/14	03/28/80	No
210344#	MENIFEE COUNTY *	MENIFEE COUNTY		06/05/12	06/05/12	06/05/12	No
210275#	MENTOR, CITY OF	CAMPBELL COUNTY	07/18/75	03/04/80	03/03/14	03/04/80	No
210306B	MERCER COUNTY*	MERCER COUNTY	11/25/77	10/16/88	12/21/17	10/16/88	No
210345#	METCALFE COUNTY *	METCALFE COUNTY		05/03/10	05/03/10(M)	05/10/10	No
210120#	METRO. GOVT. OF LOUISVILLE AND JEFFERSON COUNTY	JEFFERSON COUNTY	01/31/75	04/16/79	12/05/08	04/16/79	No
	Louisville and Jefferson County have consolidated into a single government. Use CID 210120 for all policies in the County, regardless of which jurisdiction it is in.						
215190B	MIDDLESBORO, CITY OF	BELL COUNTY	12/04/70	05/28/71	03/16/15	05/28/71	No
210477B	MIDWAY, CITY OF	WOODFORD COUNTY		08/01/78	12/21/17	09/17/08	No
	Shown on Woodford County FIRM panel 210230 0010 A dated 08/01/1978						
210014#	MILLERSBURG, CITY OF	BOURBON COUNTY	05/10/74	09/27/05	01/06/11(M)	09/27/85	No

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210331#	ROCKCASTLE COUNTY *	ROCKCASTLE COUNTY		08/03/09	08/03/09(M)	01/13/87	No
210203#	ROWAN COUNTY *	ROWAN COUNTY	10/18/74	01/19/83	04/18/11	01/19/83	No
210205#	RUSSELL COUNTY *	RUSSELL COUNTY	07/15/77	09/28/80	08/19/10	12/12/07	No
210090#	RUSSELL, CITY OF	GREENUP COUNTY	02/08/74	01/19/83	09/28/14	01/19/83	No
210150#	RUSSELLVILLE, CITY OF	LOGAN COUNTY	05/17/74	08/01/84	10/02/12	08/01/84	No
210389#	RYLAND HEIGHTS, CITY OF USE KENTON COUNTY (CID 210128) FIRM DATED 7/2/81, PANELS 27, 27, 28.	KENTON COUNTY		03/18/09	05/16/13	09/18/01	No
210280#	SADIEVILLE, CITY OF	SCOTT COUNTY	01/03/75	02/18/81	01/08/14	01/16/09	No
210009#	SALT LICK, CITY OF	BATH COUNTY	08/07/74	09/18/85	12/17/10(M)	09/18/85	No
210158#	SALYERSVILLE, CITY OF	MAGOFFIN COUNTY	02/22/74	10/15/85	01/02/13	10/15/85	No
210048#	SANDERS, TOWN OF	CARROLL COUNTY	01/18/74	09/27/85	07/17/07	09/27/85	No
210207B	SCOTT COUNTY *	SCOTT COUNTY	01/03/75	09/30/81	12/21/17	09/30/81	No
210001#	SCOTTSVILLE, CITY OF	ALLEN COUNTY	01/25/74	09/27/85	07/04/11(M)	09/27/85	No
210224#	SEBREE, CITY OF	WEBSTER COUNTY	05/17/74	08/19/88	12/17/13	08/19/86	No
210209#	SHELBY COUNTY *	SHELBY COUNTY	10/18/74	09/01/01	09/02/09(M)	09/01/01	No
210378#	SHELBYVILLE, CITY OF	SHELBY COUNTY		09/02/09	09/02/09(M)	09/02/09	No
210028B	SHEPHERDSVILLE, CITY OF	BULLITT COUNTY	05/24/74	01/02/87	04/05/18	01/02/87	No
210040#	SILVER GROVE, CITY OF	CAMPBELL COUNTY	02/01/74	10/15/80	03/03/14	10/15/80	No
210316#	SIMPSON COUNTY*	SIMPSON COUNTY	08/05/77	05/01/87	03/17/11	05/01/87	No
210431#	SIMPSONVILLE, CITY OF	SHELBY COUNTY		09/02/09	09/02/09(M)	10/09/09	No
210225#	SLAUGHTERS, CITY OF	WEBSTER COUNTY	00/18/74	07/03/88	12/17/13(M)	07/03/88	No
210147#	SMITHLAND, CITY OF	LIVINGSTON COUNTY	02/01/74	09/16/88	08/18/12	09/16/88	No
210199#	SOMERSET, CITY OF	PULASKI COUNTY	05/24/74	09/04/85	07/22/10(M)	09/04/85	No
210091#	SOUTH SHORE, CITY OF	GREENUP COUNTY	02/01/74	08/03/01	09/26/14	08/03/81	No
210278#	SOUTHGATE, CITY OF	CAMPBELL COUNTY	08/01/75	09/30/04	03/03/14	07/08/08	No
210079#	SPARTA, CITY OF	OWEN COUNTY/GALLATIN COUNTY	01/25/74	06/19/88	03/18/08(M)	08/19/08	No
210211#	SPENCER COUNTY*	SPENCER COUNTY	10/21/77	08/03/88	08/03/08(M)	08/03/88	No
210220#	SPRINGFIELD, CITY OF	WASHINGTON COUNTY	05/31/74	07/17/88	02/17/10(M)	07/17/88	No
210320#	ST. CHARLES, TOWN OF	HOPKINS COUNTY	08/13/78	05/18/08	05/16/08	05/18/08	No
210281#	STAMPING GROUND, CITY OF	SCOTT COUNTY	01/03/75	03/02/01	01/08/14	03/02/81	No
210145#	STANFORD, CITY OF	LINCOLN COUNTY	05/17/74	09/27/85	08/17/10(M)	09/27/85	No
210196#	STANTON, CITY OF	POWELL COUNTY	05/24/74	01/18/87	02/17/10	01/18/87	No
210217#	STURGIS, CITY OF	UNION COUNTY	05/17/74	09/01/88	09/02/09(M)	09/01/88	No
210212#	TAYLOR COUNTY *	TAYLOR COUNTY	10/18/74	02/08/81	05/24/11	02/08/81	No
210246#	TAYLOR MILL, CITY OF	KENTON COUNTY	02/15/74	09/28/78	05/16/13	09/28/79	No
210247#	TAYLORSVILLE,CITY OF	SPENCER COUNTY	02/01/74	08/04/87	08/03/09(M)	08/04/87	No
210347#	TODD COUNTY *	TODD COUNTY		07/22/10	07/22/10(M)	07/22/10	No
210420#	TOMPKINSVILLE, CITY OF	MONROE COUNTY		07/17/12	07/17/12(M)	07/17/12	No
210473#	TRENTON, CITY OF	TODD COUNTY		07/22/10	07/22/10(M)	07/22/10	No
210315B	TRIGG COUNTY *	TRIGG COUNTY	08/28/77	07/01/01	04/19/19	07/01/01	No
210300#	TRIMBLE COUNTY*	TRIMBLE COUNTY	01/14/77	09/01/01	03/16/08	09/01/01	No
210301#	UNION COUNTY*	UNION COUNTY		09/02/09	09/02/09	09/02/09	No
210270#	UNION, CITY OF	BOONE COUNTY	08/01/75	08/04/07	08/04/07	08/04/07	No
210210#	UNIONTOWN, TOWN OF	UNION COUNTY	03/05/78	04/01/88	09/02/09	04/01/88	No
210142#	VANCEBURG,TOWN OF	LEWIS COUNTY	02/01/74	02/18/87	04/16/13	02/18/87	No
210231B	VERSAILLES, CITY OF	WOODFORD COUNTY	07/29/77	05/01/80	12/21/17	05/01/80	No
210192#	VICCO, CITY OF	PERRY COUNTY	05/10/74	09/01/88	08/02/08	09/01/88	No
210456#	VILLA HILLS, CITY OF	KENTON COUNTY		03/18/09	05/18/13	05/22/09	No
210098#	VINE GROVE, CITY OF	HARDIN COUNTY	05/17/74	11/04/88	08/18/07	07/18/85	No
210379#	WALTON, CITY OF	BOONE COUNTY		08/04/07	08/04/07	08/04/07	No

Federal Emergency Management Agency
Community Status Book Report
KENTUCKY
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal
210384B	WARFIELD, TOWN OF	MARTIN COUNTY	12/13/74	09/04/88	09/16/15	09/04/86	No
210312#	WARREN COUNTY *	WARREN COUNTY	07/15/77	11/19/80	05/02/07	11/19/80	No
210080#	WARSAW, CITY OF	GALLATIN COUNTY	02/01/74	08/19/87	03/18/08	08/19/87	No
210385#	WASHINGTON COUNTY*	WASHINGTON COUNTY		02/17/10	02/17/10(M)	07/02/81	No
210073E	WAYLAND, TOWN OF	FLOYD COUNTY	08/23/74	04/18/83	09/18/15	04/18/83	No
210348#	WAYNE COUNTY *	WAYNE COUNTY	01/08/78	09/18/85	09/02/09	09/18/85	No
210302#	WEBSTER COUNTY*	WEBSTER COUNTY		12/17/13	12/17/13	04/28/15	No
210174#	WEST LIBERTY, CITY OF	MORGAN COUNTY	02/01/74	08/05/88	08/19/08(M)	08/05/88	No
210097#	WEST POINT, CITY OF	HARDIN COUNTY	05/17/74	11/02/77	08/16/07	11/02/77	No

210461#	GRAND RIVERS, CITY OF	LIVINGSTON COUNTY		08/16/12	08/16/12	08/16/13	No
210386B	HEBRON ESTATES, CITY OF	BULLITT COUNTY		12/16/04	04/05/16	12/16/05	No
210338#	HICKMAN COUNTY *	HICKMAN COUNTY	03/03/76	02/18/11	02/18/11	03/03/79	No
210399#	HORSE CAVE, CITY OF	HART COUNTY		07/16/11	07/16/11	07/16/12	No
210464B	KUTTAWA, CITY OF	LYON COUNTY		08/16/12	04/18/18	08/16/13	No
210437#	LA CENTER, CITY OF	BALLARD COUNTY		09/29/89	07/07/14	09/29/90	No
210361B	LAFAYETTE, CITY OF	CHRISTIAN COUNTY		09/17/08	04/19/19	09/17/09	No
210455#	LAKESIDE PARK, CITY OF	KENTON COUNTY		03/13/08	05/18/13	03/16/10	No
210233#	MCHENRY, TOWN OF	OHIO COUNTY	10/25/74	09/29/89	06/02/11	10/25/75	No
210382B	MOUNT WASHINGTON, CITY OF	BULLITT COUNTY		12/16/04	04/05/16	12/16/05	No
210287#	NORTH MIDDLETOWN, CITY OF	BOURBON COUNTY		01/08/11	01/06/11	01/06/12	No
210191#	OWINGSVILLE, CITY OF	BATH COUNTY		12/17/10	12/17/10	12/17/11	No
210190#	PARK CITY, CITY OF	BARREN COUNTY		05/03/11	05/03/11	05/03/12	No
210332#	PEMBROKE, CITY OF	CHRISTIAN COUNTY		08/17/08	08/17/08	08/17/09	No
210457B	PIPPA PASSES, CITY OF	KNOTT COUNTY		09/28/07	09/18/15	09/28/08	No
210423#	POWDERLY, CITY OF	MUHLENBERG COUNTY		10/16/13	10/18/13	10/16/14	No
210447#	ROBARDS, CITY OF	HENDERSON COUNTY		02/20/13	02/20/13	02/20/14	No
210245#	ROCKPORT, TOWN OF	OHIO COUNTY	02/01/74	09/29/89	06/02/11	01/19/95(S)	No
210429#	RUSSELL SPRINGS, CITY OF	RUSSELL COUNTY		08/19/10	08/19/10	08/19/11	No
210462#	SALEM, CITY OF	LIVINGSTON COUNTY		08/16/12	08/16/12	08/16/13	No
210439#	SANDY HOOK, CITY OF	ELLIOTT COUNTY		08/05/10	08/05/10	08/05/11	No
210294A	SOUTH CARROLLTON, CITY OF	MUHLENBERG COUNTY	07/25/75	10/18/13	10/18/13	07/25/78	No
210444#	WILLIAMSTOWN, CITY OF	GRANT COUNTY		06/05/10	06/18/13	06/05/11	No
210349#	WOLFE COUNTY*	WOLFE COUNTY		09/17/08	09/17/08	09/17/09	No
210308#	WOODBURY, TOWN OF	BUTLER COUNTY	02/01/74	01/08/14	01/08/14	02/01/75	No

**Federal Emergency Management Agency
Community Status Book Report
KENTUCKY
Communities Not in the National Flood Program**

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Sanction Date	Tribal
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Summary:

Total Not in Flood Program	49
Total Suspended from Emergency Program	0
Total Suspended from Regular Program	2
Total Withdrawn Communities Not In Program	0
Total Not In Program With Hazard Area Identified	49
Total Not In Program With Hazard Area Identified < 1 Year	0

Legend:

- (E) Indicates Entry In Emergency Program
- NSFHA No Special Flood Hazard Area - All Zone C
- (>) Date of Current Effective Map Is after the Date of This Report
- N/A Not Applicable At This Time
- (S) Suspended Community
- (W) Withdrawn Community
- (M) No Elevation Determined - All Zone A, C and X
- (L) Original FIRM by Letter - All Zone A, C and X

Floodplains and Wetlands Early

Public Notice

Activity in a 100-Year Floodplain

To All interested Agencies including all Federal, State, and Local Groups and Individuals: This is to give notice that the City of Jackson under 24 CFR Part 58 has conducted an evaluation as required by Executive Order 11988 and on 1/19/20 in accordance with HUD regulations at 24 CFR 55.20

Support C Procedures for Making Determinations on Floodplain Management to determine the potential effect that its project in the floodplain and wetland will have on the human environment for The Jackson Waterline Replacement Project Phase I under grant number 19-021. This project will replace the existing aging lines in the downtown area with new 21", 46", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900 and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all or what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst 25th, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Gentry Street, River Street, Symamore Street, Hays Street, Broadway, Elm Street, Court Street, Hays Lane, Iron Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrick Drive, Bays Street, Kentucky Avenue and Limestone Avenue as funding allows. A portion of the project is located in the AE flood zone. The proposed project is located in Downtown Jackson in Jackson, Breathitt County.

Written comments must be received by the City of Jackson at the following address on or before April 17, 2020: City of Jackson, 333 Broadway, Jackson, KY 41339 and (906) 606-7069. Attention: Laura Thomas, Mayor, during the hours of 8:00A.M. to 4:00P.M. Comments may also be submitted via email at laura.thomas@cityofjackson.org. Date: April 1, 2020.

2014. Results thus far achieved are backfilling, grading, revegetation and establishment of the post-mining land use.

Reclamation work performed for Incement 6 including backfilling, grading and seeding which was completed prior to Fall 2012. Results thus far achieved are backfilling, grading, revegetation and establishment of the post-mining land use.

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director, Division of Mine Reclamation and Enforcement, 300 Sewer Boulevard, Frankfurt, Kentucky 40601 by May 25, 2020.

A public hearing on the application has been scheduled for Wednesday, May 27, 2020 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office, 556 Village Lane, P.O. Box 851, Hazard, Kentucky 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by May 25, 2020.

PUBLIC NOTICE

An ordinance (2020-BA-001) amending the Breathitt County budget for fiscal year 2019-2020 to include unanticipated receipts from the IGED Fund in the amount of \$254,925.00 and increasing expenditures in the IGED fund in the amount of \$254,925.00 was adopted by the Breathitt County Fiscal Court on Friday, February 28, 2020. A copy of the adopted ordinance with full text is available for public inspection at the office of the county judge/county executive during normal business hours.

PUBLIC NOTICE

The Breathitt County Fiscal Court will consider the second reading and adoption of a proposed Ordinance (2020-BA-002) amending the fiscal year 2019-2020 budget to include unanticipated receipts in the General Road, Jail, LGEA, Federal Grants and ABC Funds in the amount of \$261,514.77 on Friday, February 28, 2020, at 10:00 a.m. in the Breathitt County Fiscal Courtroom. A copy of the proposed ordinance with full text is available for public inspection at the office of the County Judge/Executive during normal business hours.

NOTICE

NOTICE OF INTENTION TO MINE PURSUANT TO APPLICATION NO. 813-0413, RENEWAL NO. 3

In accordance with KRS 350.055, notice is hereby given that ICG Hazard LLC, 3228 Summit Square Place, Suite 180, Lexington, Kentucky 40509 has applied for renewal of a permit for a surface and auger coal mining and reclamation operation located approximately 3.3 miles south of Noble in Breathitt County. The operator disturbs 48084 surface acres and will underlie 170 auger/highwall acres, all of which underlie permitted surface acres, and the total area within the permit boundary will be 48084 acres.

The proposed operation is approximately 0.50 miles north from KY 1087's junction with KY 476 and located 1.50 miles east of Williams Fort.

The proposed operation is located on the Noble USGS 7 1/2 minute quadrangle map. The operation will use the contour, area, auger and highwall mining methods of surface mining. The surface area is owned by ICG Hazard LLC. The operation will underlie land owned by ICG Hazard LLC.

The application has been filed for public inspection at the Division of Mine Reclamation and Enforcement's Hazard Regional Office 556 Village Lane, P.O. Box 851, Hazard, Kentucky 41702.

Written comments, objections or requests for a permit conference must be filed with the Director, Division of Mine Permits, 300 Sewer Boulevard, Frankfurt, KY 40601 41PE4-22

...a delay in receiving this money next fiscal year. Although Senate Bill 150 was the highlight of the legislature's work on Thursday, there were several other noteworthy bills sent to Governor Beshear that day as well.

House Bill 2, for example, makes needed improvements to Kentucky's human-trafficking laws. That includes requiring airports, bus stations and truck stops to post the hotline for the National Human Trafficking Resource Center, to increase the likelihood that victims will be able to get the help they need.

House Bill 484 will give more autonomy to our local governments when it comes to running their public retirement system, something our city and county officials have been wanting for several years.

House Bill 415, meanwhile, will make it possible for those manufacturing alcoholic beverages to ship their product directly to adult consumers here in Kentucky, and across the country, as long as sales where they live are legal. There are limits on how much can be shipped, too.

When legislators return to the Capitol this week, our primary focus will be to vote on a budget compromise. While I believe this could have been handled in a special session later this spring, especially since the public is currently barred from being at the Capitol as a healthcare precaution, my hope is that we can take this vote quickly and head back home until the legislative session's final days in mid-April, when we return to consider any vetoes that Governor Beshear might issue.

As always, please continue letting me know your views and concerns on these legislative matters. My email is CHRISTHOWARD@TCV.NY.GOV, and the legislative message line is 1-800-372-7181.

Primo Follow Apartments

Kinos Ridge Apartments

The bond now in effect for Increment 6 is a surety bond in the amount of \$36,500. One hundred percent (100%) of the original bond amount of \$36,500 is included in this application for release.

The bond now in effect for Increment 15 is a surety bond in the amount of \$27,000. One hundred percent (100%) of the original bond amount of \$27,000 is included in this application for release.

Reclamation work performed for Increment 1 includes backfilling, grading and seeding which was completed prior to Spring 2014. Results thus far achieved are backfilling, grading, revegetation and establishment of the post-mining land use.

Reclamation work performed for Increment 4 includes backfilling, grading and seeding which was completed prior to Fall 2012. Results thus far achieved are backfilling, grading, revegetation and establishment of the post-mining land use.

Reclamation work performed for Increment 6 includes backfilling, grading and seeding which was completed prior to Fall 2012. Results thus far achieved are backfilling, grading, revegetation and establishment of the post-mining land use.

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director, Division of Mine Reclamation and Enforcement, 300 Sower Boulevard, Frankfort, Kentucky 40601 by May 25, 2020.

A public hearing on the application has been scheduled for Wednesday, May 27, 2020 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office, 556 Village Lane, P.O. Box 851, Hazard, Kentucky 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by May 25, 2020.

This is the final advertisement of the application. Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director, Division of Mine Reclamation and Enforcement, 300 Sower Boulevard, Frankfort, Kentucky 40601 by May 25, 2020.

The bond now in effect for Increment 33 is a surety bond in the amount of \$362,600. Approximately sixty percent (60%) of the original bond amount of \$362,600 is included in this application for release.

The bond now in effect for Increment 44 is a surety bond in the amount of \$47,200. Approximately eighty-five percent (85%) of the original bond amount of \$47,200 is included in this application for release.

The bond now in effect for Increment 60 is a surety bond in the amount of \$56,300. Approximately eighty-five percent (85%) of the original bond amount of \$56,300 is included in this application for release.

The bond now in effect for Increment 63 is a surety bond in the amount of \$191,600. Approximately eighty-five percent (85%) of the original bond amount of \$191,600 is included in this application for release.

Reclamation work performed for Increments 44 and 63 includes backfilling, grading and seeding which was completed in Spring 2017. Results thus far achieved are backfilling, grading, revegetation of disturbed areas, and progress in establishing the approved post-mining land use.

Reclamation work performed for Increment 60 includes backfilling, grading and seeding which was completed in Spring 2017. Results thus far achieved are backfilling, grading, revegetation of disturbed areas, and progress in establishing the approved post-mining land use.

Reclamation work performed for Increments 8 and 33 includes backfilling, grading and seeding which was completed in Spring 2012. Results thus far achieved are backfilling, grading, revegetation of disturbed areas.

Written comments, objections, and requests for a public hearing or informal conference must be filed with the Director, Division of Mine Reclamation and Enforcement, 300 Sower Boulevard, Frankfort, Kentucky 40601 by June 15, 2020.

A public hearing has been scheduled for Wednesday, June 17, 2020 at 10:00 am at the Division of Mine Reclamation and Enforcement's Hazard Regional Office, 556 Village Lane, P.O. Box 851, Hazard, Kentucky 41702. The hearing will be cancelled if no request for a hearing or informal conference is received by June 15, 2020.

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

To: All interested Agencies including all Federal, State, and Local, Groups and Individuals
This is to give notice that the City of Jackson 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 Jackson Waterline Replacement Project Phase I under grant contract number 19-021. The proposed project is located in Downtown Jackson in Jackson, Breathitt County. This project will replace the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Ln, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows. A portion of the project is located in the AE flood zone.

The City of Jackson 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 considered repairing the existing waterlines as needed; however, this method causes the system to have boil water advisories, overtime which increases operation and maintenance and does not resolve the pressure issues the system currently experiences. The City also considered shutting the project off; however, this would eliminate service to the downtown area and is not a feasible alternative. The City considered constructing the project as designed of which part of the project may be in the 100-year floodplain as designed by the April 2, 2008 FEMA Floodplain Maps; with very minimal impacts to the floodplain areas. State and local floodplain protection procedures will be implemented for the project.

The City of Jackson 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 water project in the floodplain areas will disturb very minimal surface area during construction and the project will utilize best management practices and will observe local sedimentation and erosion control ordinances. Once constructed, 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 City of Jackson at the following address on or before May 7, 2020: City of Jackson, 333 Broadway, Jackson, KY 41339 and (606) 666-7069. Attention: Laura Thomas, Mayor, during the hours of 8:00A.M. to 4:00P.M. Comments may also be submitted via email at laura.thomas@cityof-jacksonky.org.
Date: April 22, 2020

...to document this, either by picture or with them.

...had to document this, either by picture or with them.

...had to document this, either by picture or with them.

Exhibit 4

Natural Resource Conservation Service Correspondence



United States Department of Agriculture

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

April 2, 2020

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

RE: JACKSON WATERLINE REPLACEMENT PHASE I

Dear Ms. McIntosh:

In response to your request from 3/20/2020 regarding the waterline replacement project in Jackson, Kentucky, the Natural Resources Conservation Service (NRCS) has no congressional authority for conducting Environmental Assessments (EA).

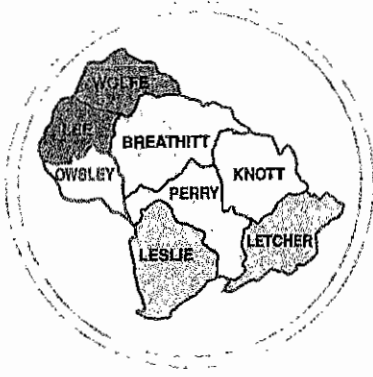
NRCS is mandated to provide information on the soils and/or impact to farmland according to the Farmland Protection Policy Act (P.L. 97-98) for projects that will be utilizing federal funding.

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

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

Sincerely,

Perri Pedley
Soil Scientist
Perri.Pedley@usda.gov



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

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Pam Pilgrim

VICE-CHAIRMAN

Tracy Neice

Mayor

TREASURER

Terry Adams

Judge/Executive

SECRETARY

Gregory Whitson

PARLIAMENTARIAN

Laura Thomas

Mayor

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Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William F. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
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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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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)

Perri Pedley

USDA Natural Resources Conservation Service

3100 Alvey Park Drive W

Owensboro, KY 42303

RE: Jackson Waterline Replacement Phase I

Dear Perri:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

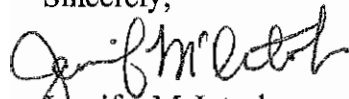
The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

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 project description for your reference.

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

Sincerely,



Jennifer McIntosh
Water & Wastewater Planner

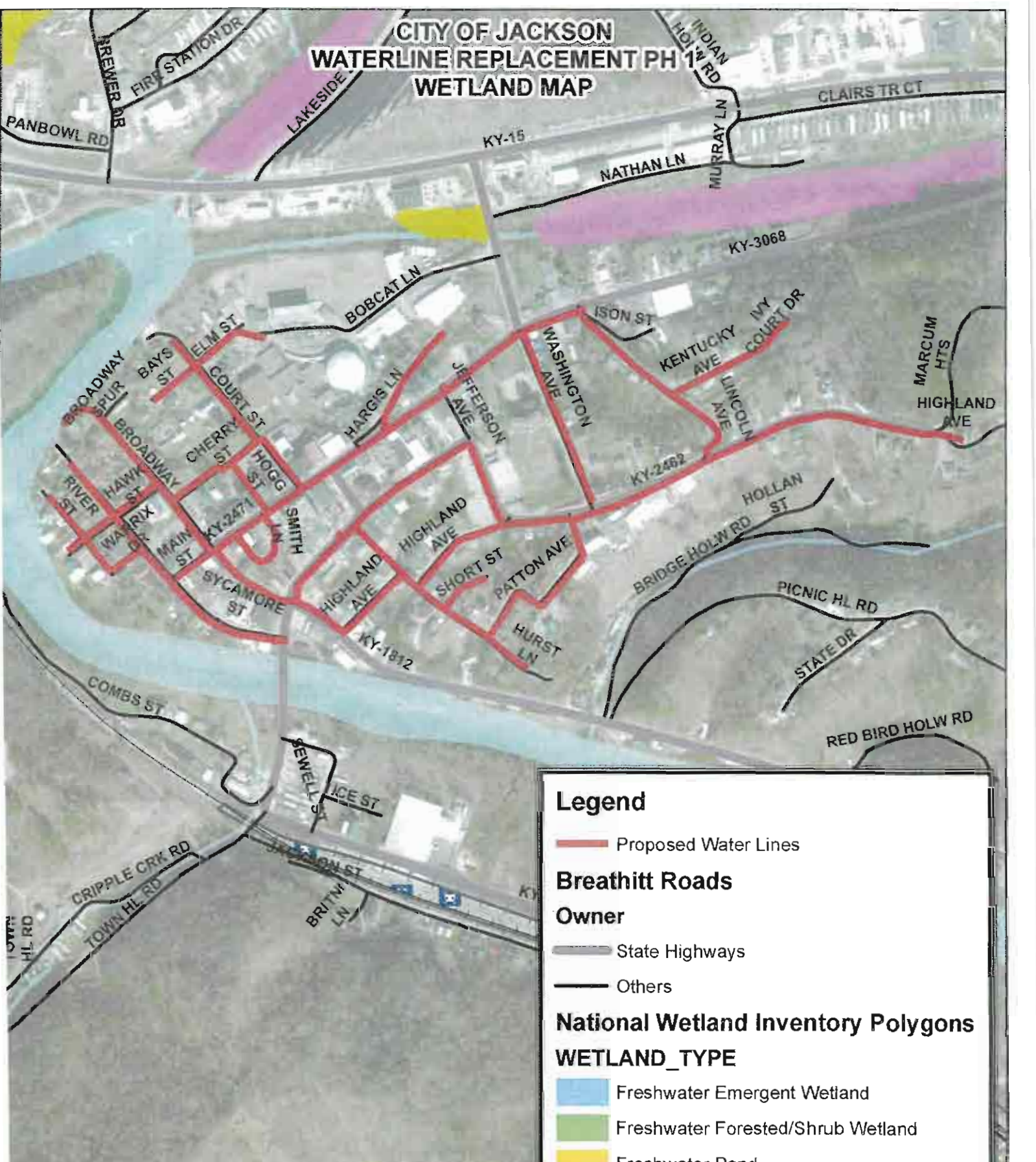
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The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

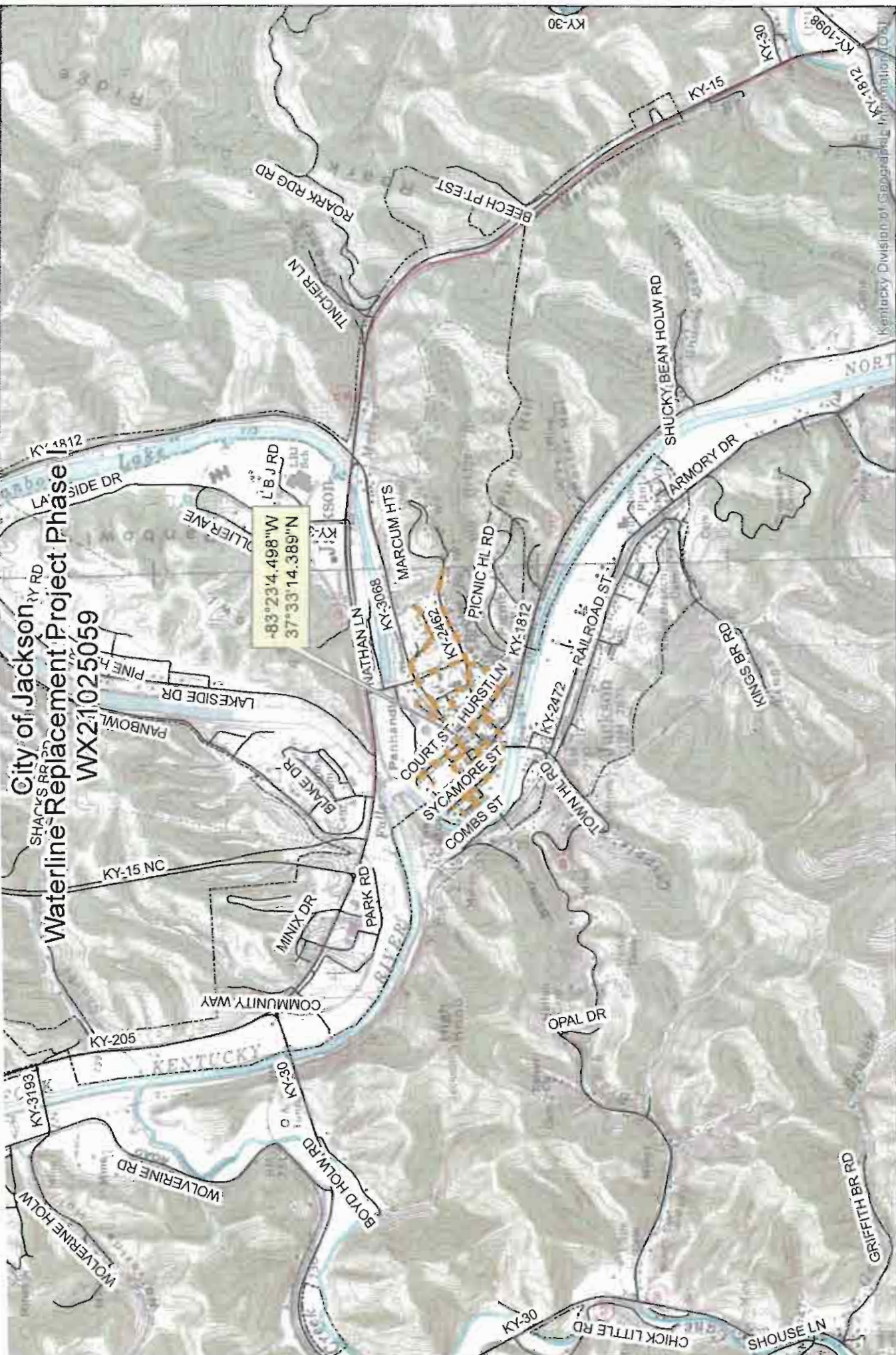
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

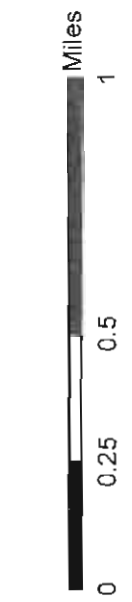


City of Jackson
Waterline Replacement Project Phase I
WX21025059

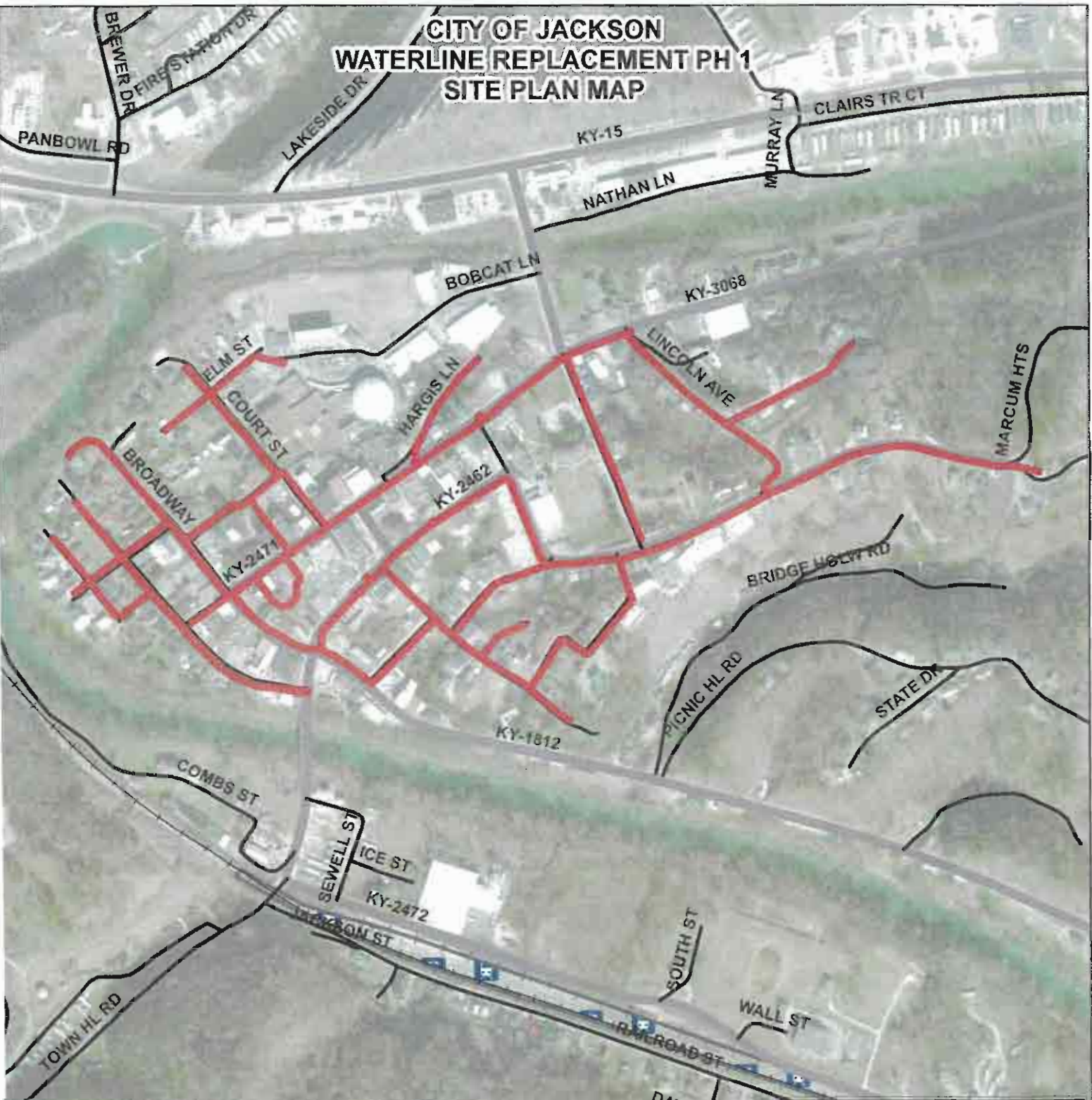
Legend

- Proposed Water Line
- City Boundary
- Breezitt Roads
- County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



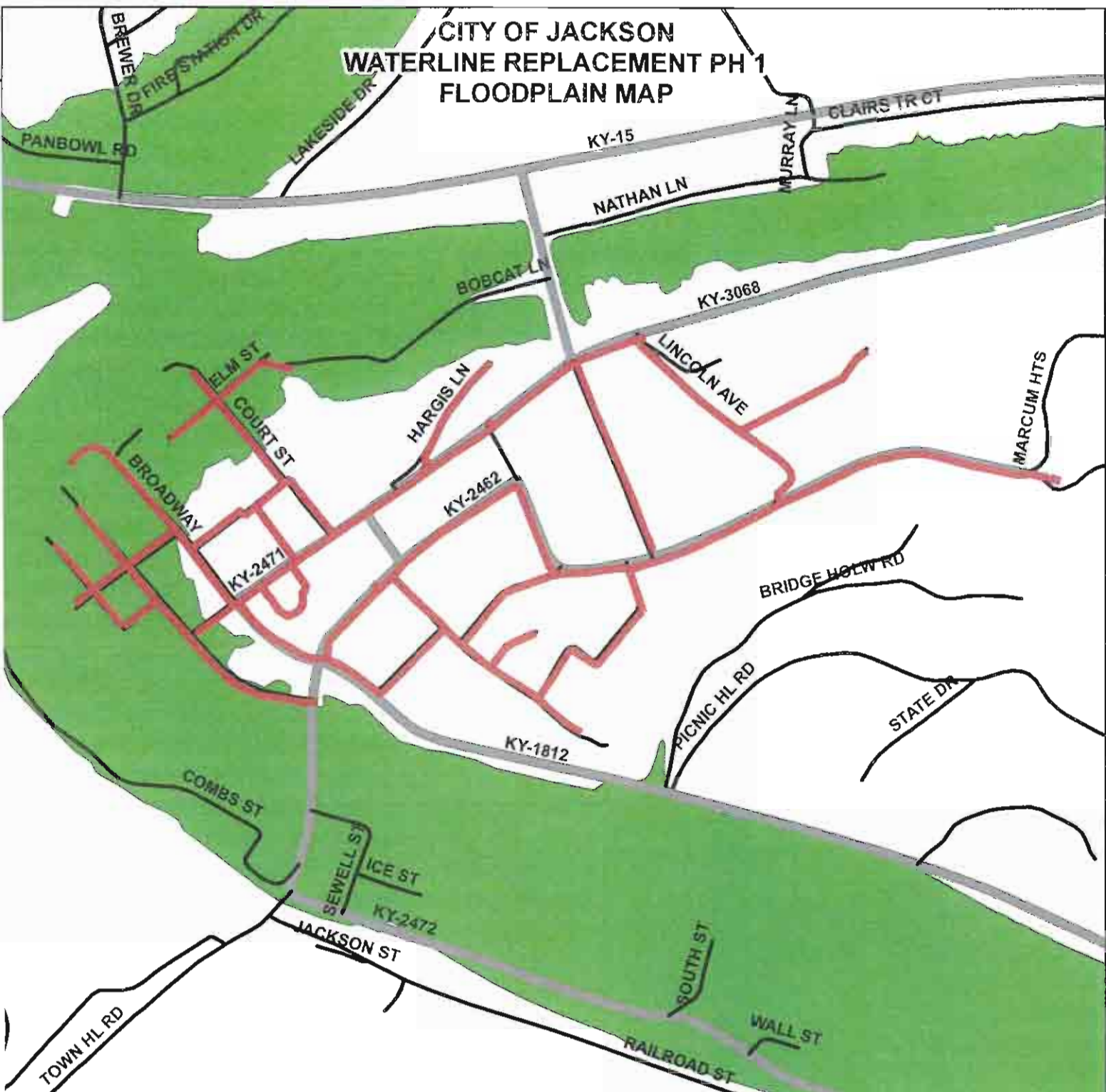
NOTES:
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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- | Active Railroad
- + Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
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- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 5

U.S. Fish and Wildlife Documentation

RECEIVED

MAR 30 2020



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

CHAIRMAN
Pam Pligim

VICE-CHAIRMAN
Tracy Neice
Mayor

TREASURER
Terry Adams
Judge/Executive

SECRETARY
Gregory Whitson

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 Nelson Bobrowicki - Booneville
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 Larry Perkins
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 Doug Brandenburg
 Fred Halt
 Jack Burkich
 Dale Bishop
 Derrick Bowling
 Neil Napier
 Gregory Whitson
 Meriwether Wash-Hall
 Pam Pligim
 Shirley Halcomb

Executive Director

Michelle Allen

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

March 20, 2020

For

JENNIFER GARLAND Digitally signed by JENNIFER GARLAND
Date: 2020.04.01 07:35:21 -04'00'

Kentucky Field Supervisor
U.S. Fish and Wildlife Service

Date

Mr. Lee Andrews
 Field Supervisor
 U.S. Fish & Wildlife Service
 Kentucky Ecological Services
 330 West Broadway, Rm 265
 Frankfort, Kentucky 40601

**RE: Jackson Waterline Replacement Phase I; IPaC Consultation
Code: 04EK1000-2020-SLI-0821**

Dear Lee:

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Jennifer McIntosh

From: Hunter, Jumlongruk M <jumlongruk_hunter@fws.gov> on behalf of KentuckyES, FW4 <kentuckyes@fws.gov>
Sent: Wednesday, April 1, 2020 9:18 AM
To: jennifer@kradd.org
Subject: Jackson Waterline Replacement Phase I
Attachments: 20-0278_Jackson Waterline Replacement Phase 1, City of Jackson, KY STAMP..pdf

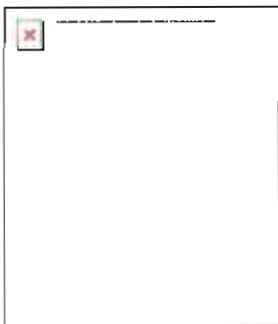
The USFWS has determined that significant impacts to federally listed species are not likely to result from this project as currently proposed. Please see attached.

Thank you for your coordination with our office.

--

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

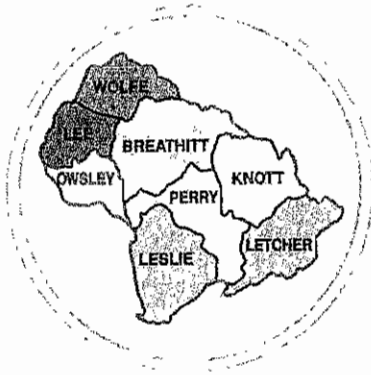
**Check us out at <https://www.fws.gov/frankfort/>



[Kentucky Ecological Services Field Office](#)

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

www.fws.gov



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March 20, 2020

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Mr. Lee Andrews
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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project. Coordinates for this project are (center of downtown) -83°23'4.498"W; 37°33'14.389"N.

The IPaC species list, dated March 20, 2020, identifies four federally-

listed endangered or threatened species; the Gray Bat (*Myotis grisescens*) – endangered, the Indiana Bat (*Myotis sodalis*) – endangered, the Northern Long-eared Bat (*Myotis septentrionalis*) – threatened, and the Kentucky Arrow Darter (*Etheostoma spilotum*) – threatened. No critical habitats are listed within the project area.

Direct effects – Construction will affect the downtown area as waterlines are replaced. This will cause traffic delays. 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.

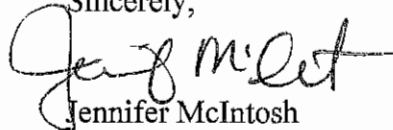
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Cumulative effects - There should be minimal impacts to federally listed species or critical habitats as a result of this project as this is a rehabilitation of existing waterlines and their will not be an extension of new lines.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands; vegetation; and animal life (i.e. disruption or alteration of habitat); and potential impact upon endangered or threatened species. Is the option still available to pay the Bat Conservatory Fund for tree removal? I have enclosed a project location, floodplain, and wetlands map(s), and project description for your reference.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer McIntosh". The signature is fluid and cursive, with the first name being the most prominent.

Jennifer McIntosh
Water & Wastewater Planner

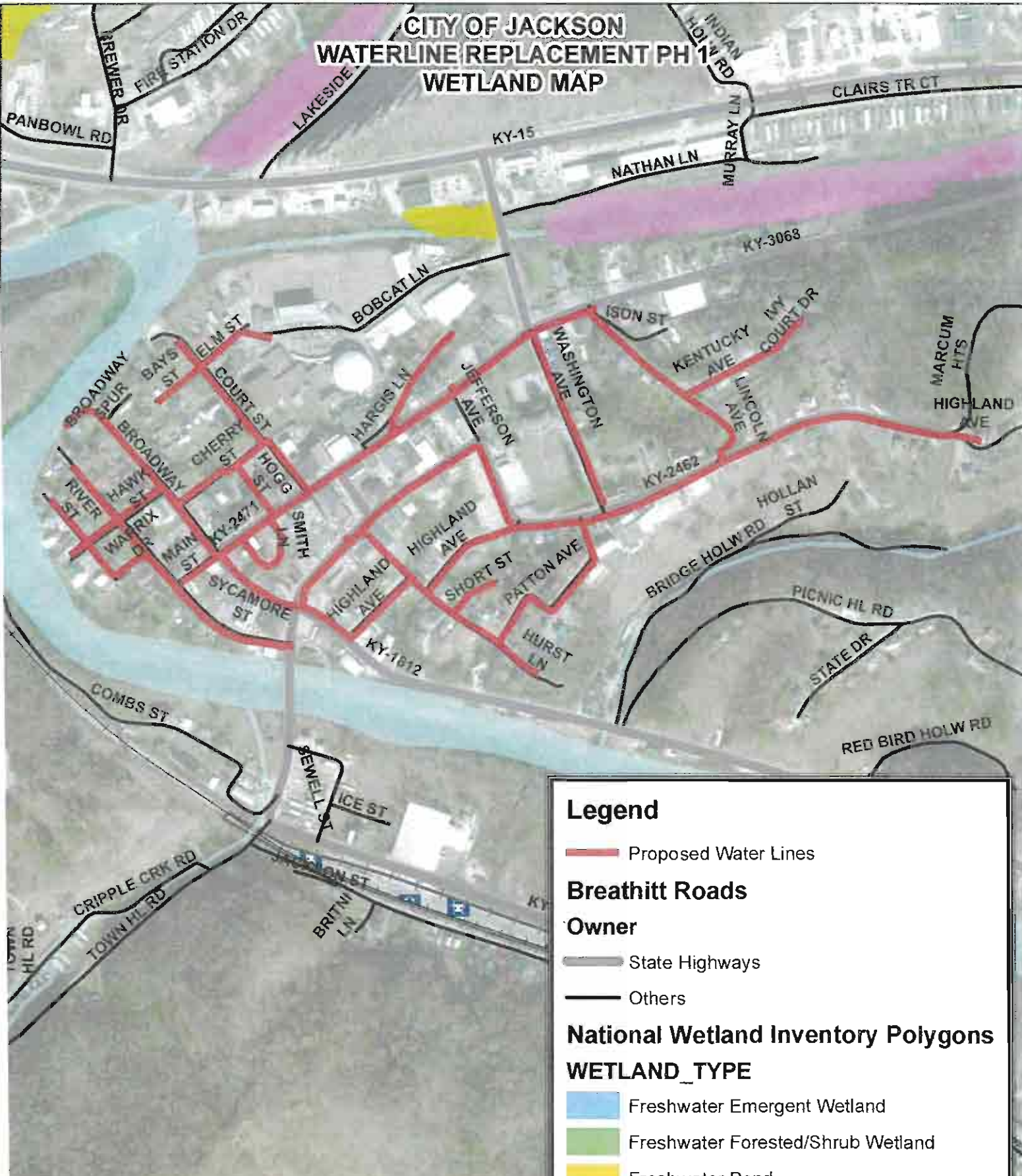
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

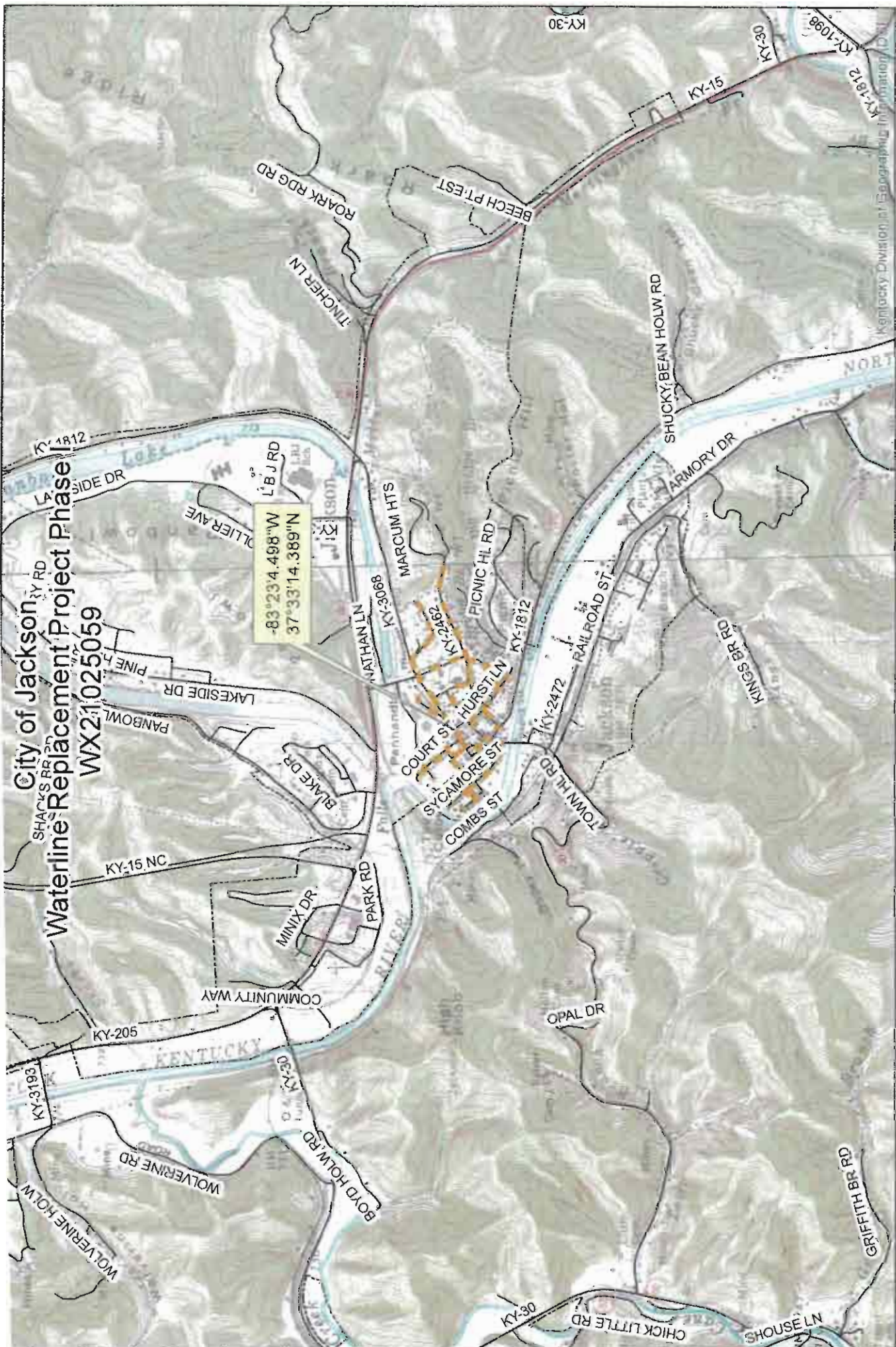
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
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 No property to be aquired in this project.
 There are no identified drainage problem areas.
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City of Jackson
Waterline Replacement Project Phase
WX21025059

-83°23'4.498"W
 37°33'14.389"N

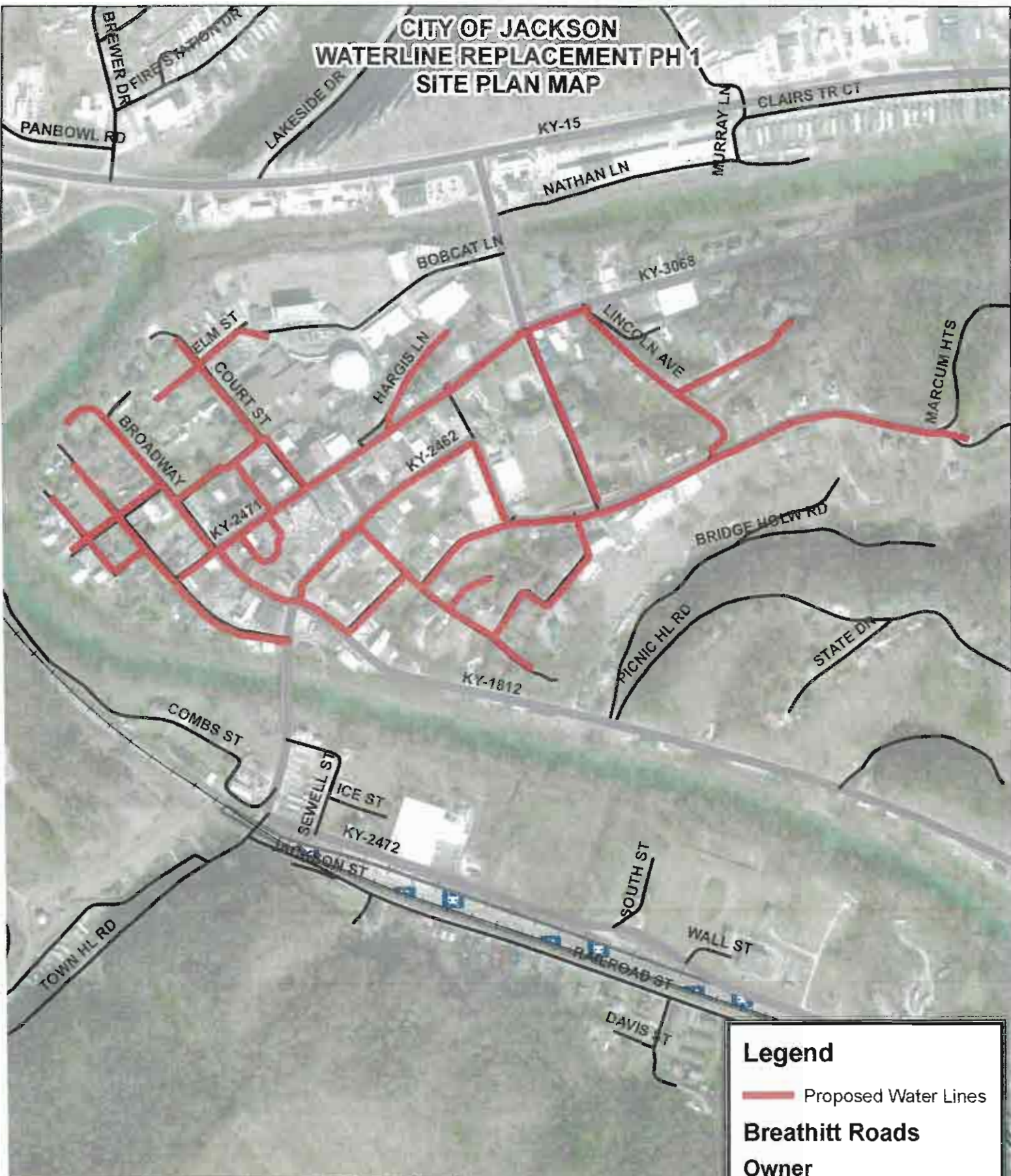
Legend

- Proposed Water Line
- Breakthru Roads
- City Boundary
- County Boundary

0 0.25 0.5 1 Miles

Scale 1:24,000

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



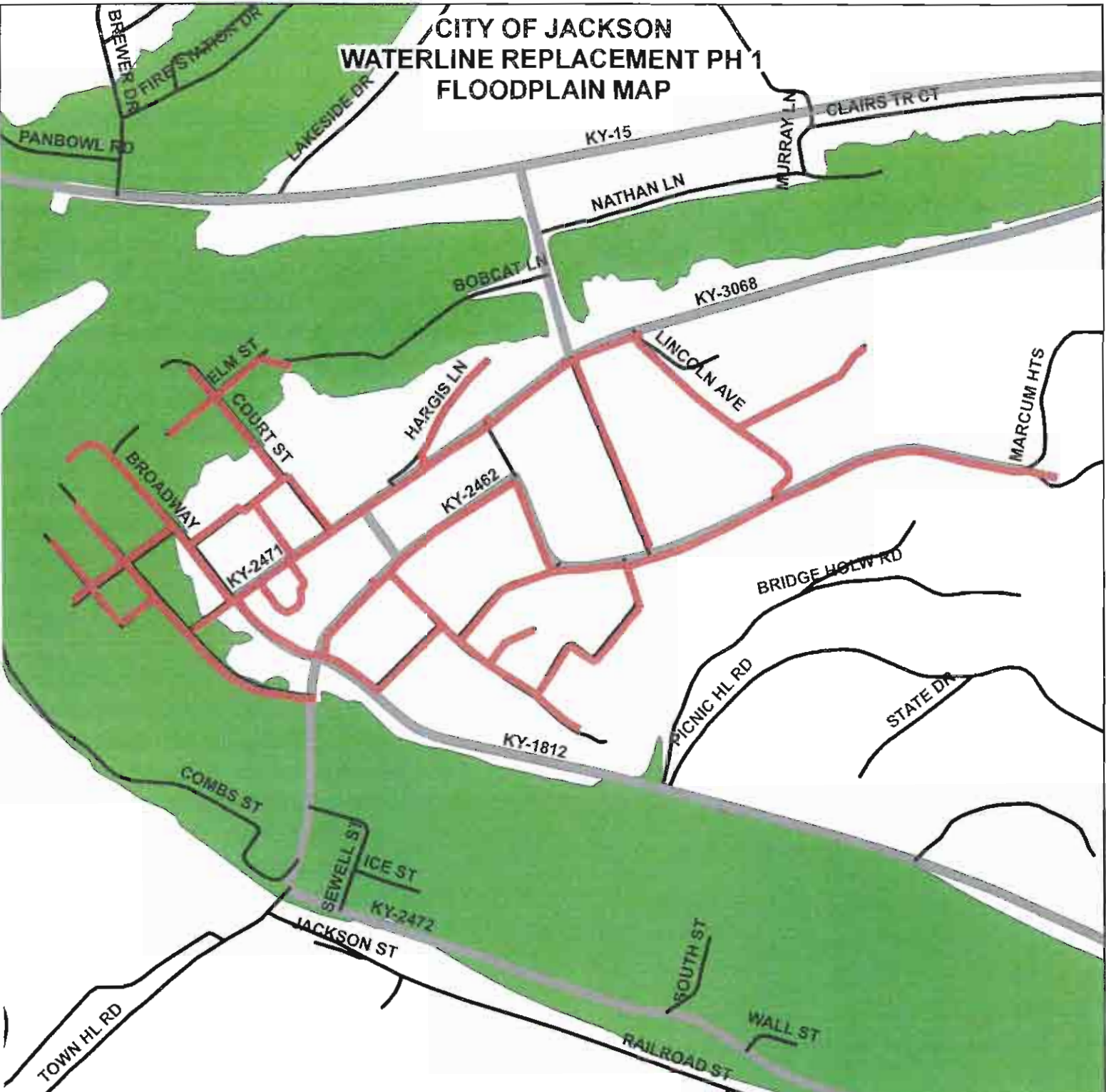
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Source: Esri, DigitalGlobe, GeoEye, USDA, USGS, AeroGRID, IGN, and the

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 6

Kentucky Fish and Wildlife Correspondence



**TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES**

Andy Beshear
Governor

#1 Sportsman's Lane
Frankfort, Kentucky 40601
Phone (502) 564-3400
1-800-858-1549
Fax (502) 564-0506
fw.ky.gov

Mike Berry
Secretary

Rich Storm
Commissioner

March 25, 2020

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

RE: Jackson Waterline Replacement Phase I
IPac Consultation Code: 04EK1000-2020-SLI-0821

Dear Ms. McIntosh:

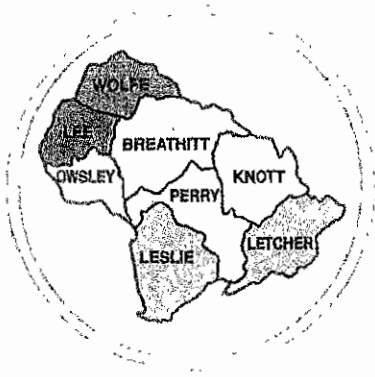
The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information pertaining to the subject project. Due to the location and nature of the project, KDFWR does not anticipate impacts to federally or state-listed threatened/endangered species, critical habitats, unique natural areas, or any other sensitive habitats.

To minimize indirect impacts to the aquatic environment, the KDFWR recommends that erosion control measures be developed and implemented prior to construction to reduce siltation into waterways located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed.

I hope this information is helpful to you, if you have questions or require additional information, please call me at 502-892-4453.

Sincerely,

Dan Stoelb
Program Coordinator – Fisheries Division



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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March 20, 2020

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(Hearing Impaired)

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

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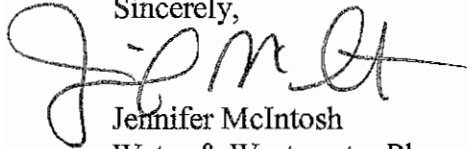
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Water & Wastewater Planner

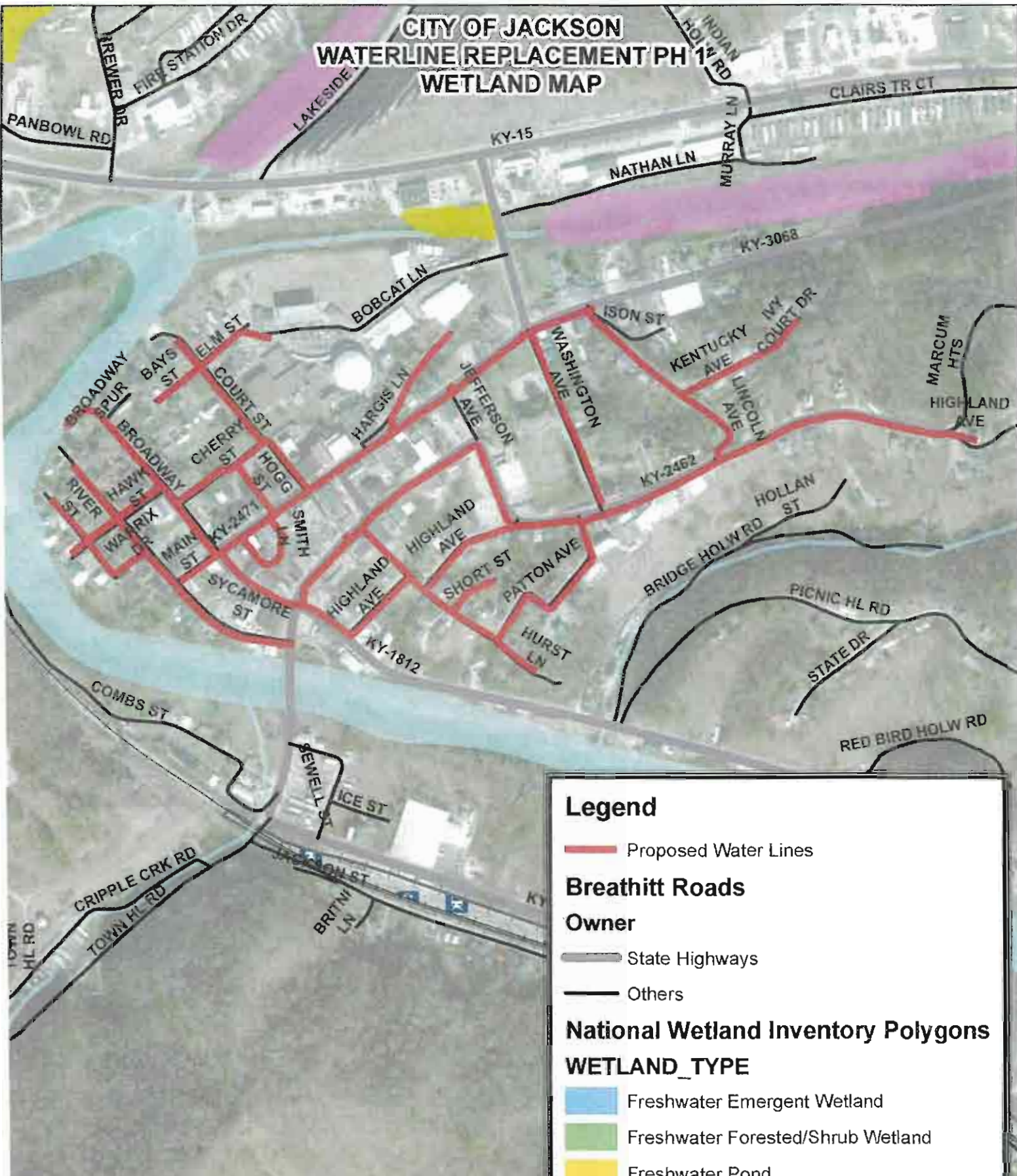
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

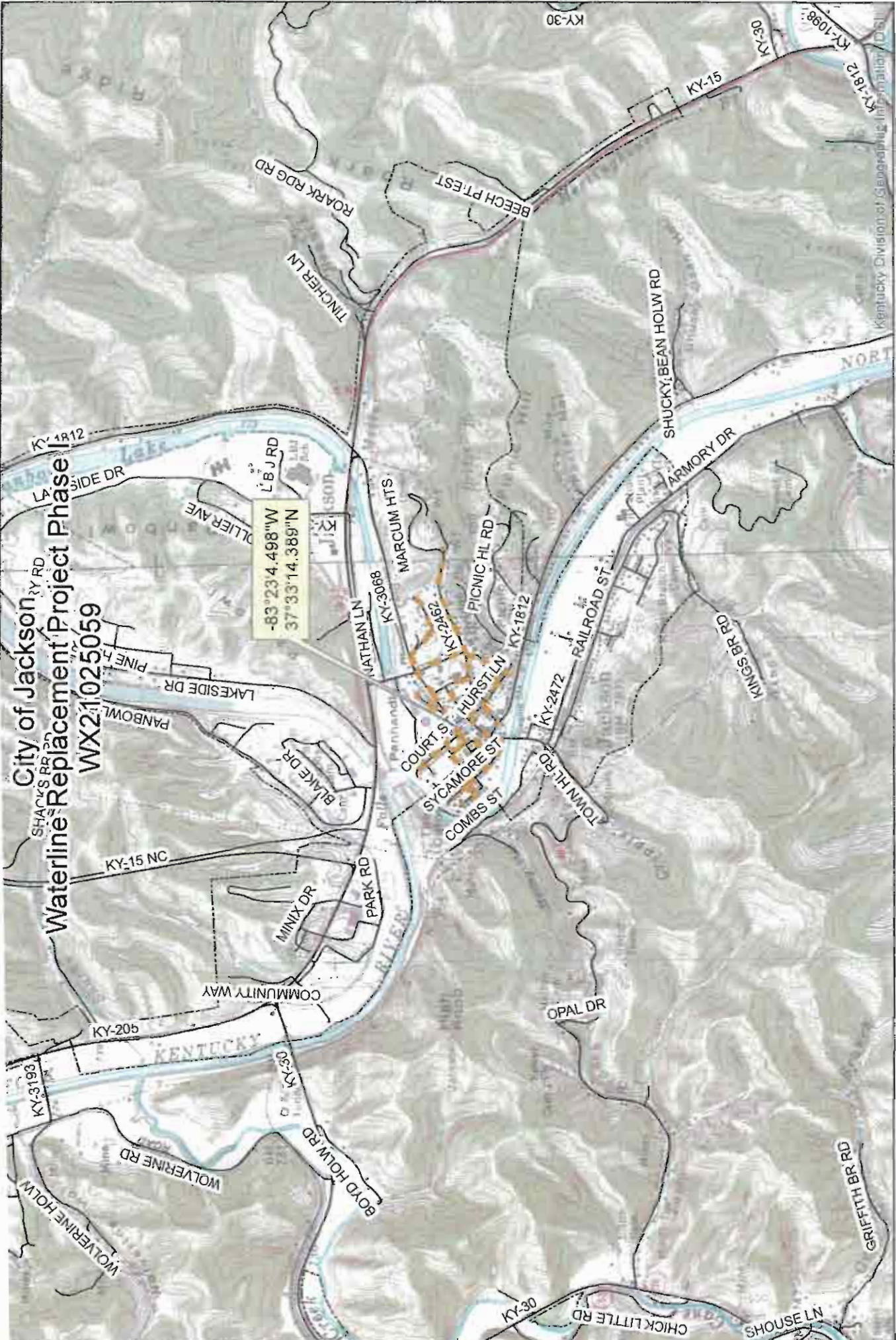
Lake

Riverine

Active Railroad

Rail Switchyard

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WX21025059

-83°23'4.498"W
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Legend

- Proposed Water Line
- City Boundary
- Street/Road
- County Boundary

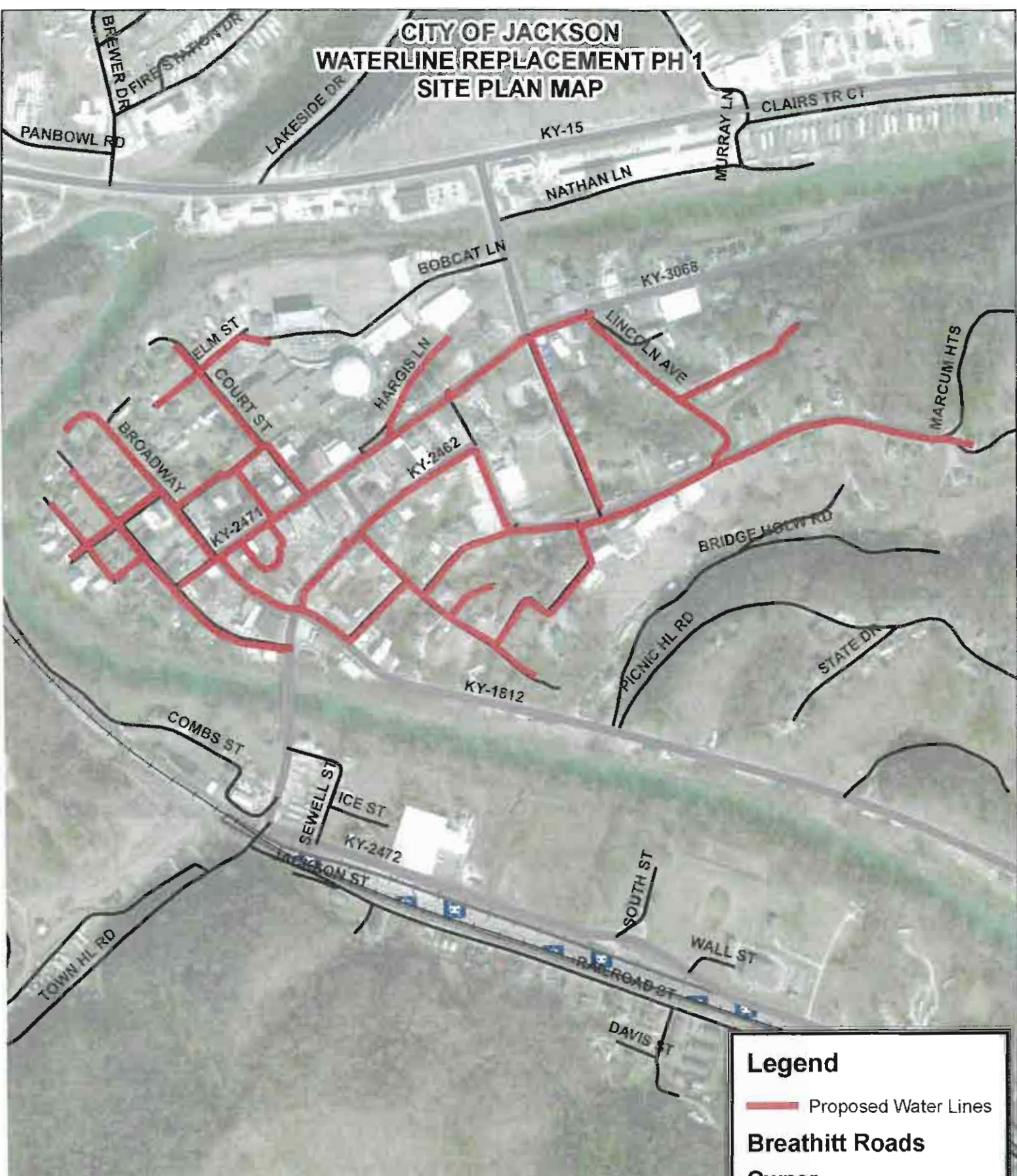
Scale 1:24,000

Miles

0 0.25 0.5 1

Kentucky Division of Geographic Information / DGI

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



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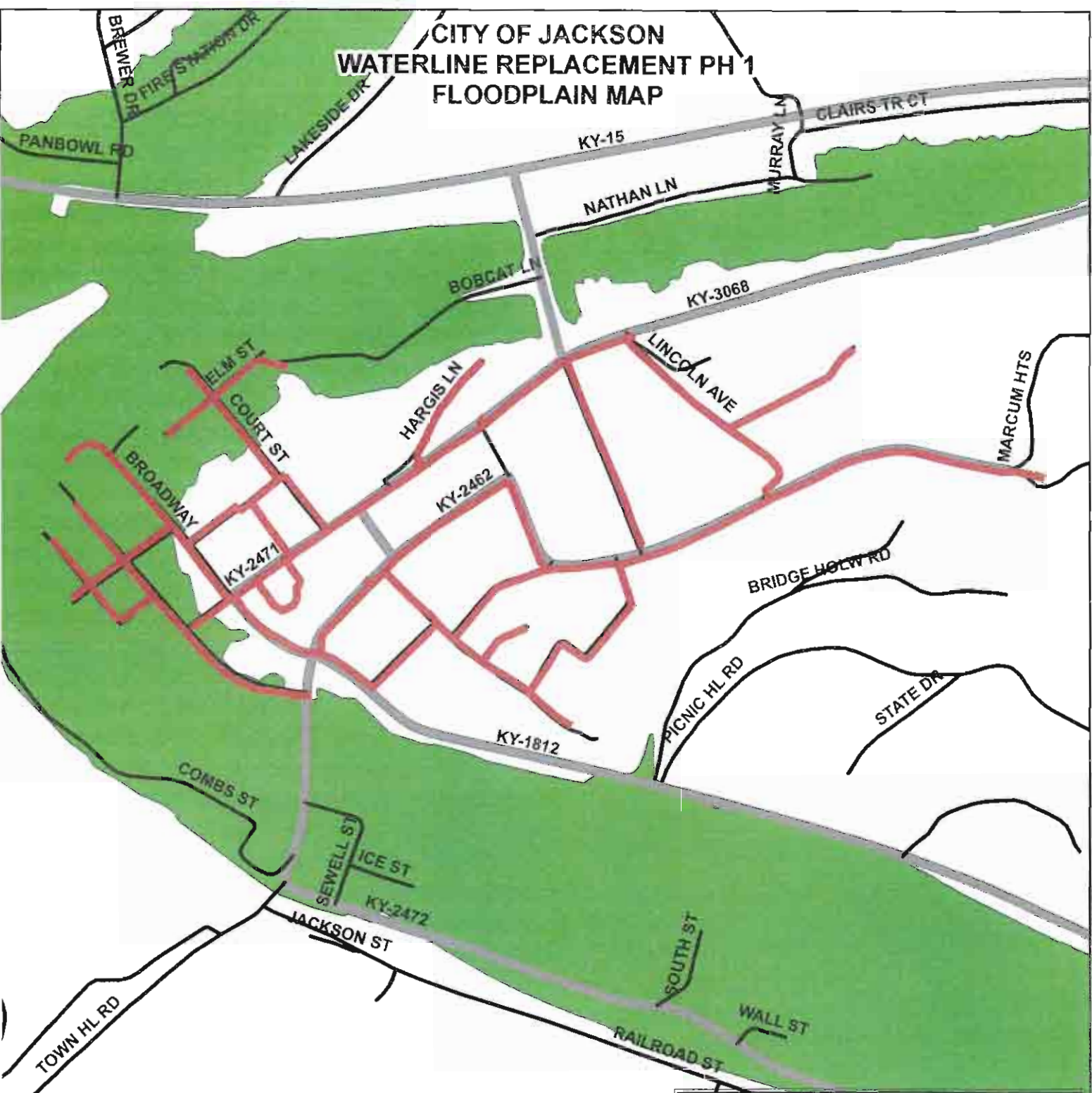
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- Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines

Breathitt Roads

Owner

- State Highways
- Others

FEMA DFIRM - Floodplain

FLD_ZONE

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

EXHIBIT 7

Wild and Scenic River Data



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

KENTUCKY

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

Choose A State Go
 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

[+ View larger map](#)

Red River

- NATIONWIDE RIVERS INVENTORY
- CONTACT US
- PRIVACY NOTICE
- Q & A SEARCH ENGINE
- SITE MAP



Designated Rivers

[About WSR Act](#)
[State Listings](#)
[Profile Pages](#)

National System

[WSR Table](#)
[Study Rivers](#)
[Stewardship](#)
[WSR Legislation](#)

River Management

[Council](#)
[Agencies](#)
[Management Plans](#)
[River Mgt. Society](#)
[GIS Mapping](#)

Resources

[Q & A Search](#)
[Bibliography](#)
[Publications](#)
[GIS Mapping](#)
[Logo & Sign Standards](#)

Exhibit 8
Air Quality Data

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.

Jennifer McIntosh

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Thursday, May 7, 2020 1:23 PM
To: jennifer@kradd.org
Subject: FW: Jackson waterline Replacement Phase i project
Attachments: DAQ Comments.docx

Comments from Division of Air Quality attached.

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 6, 2020 5:05:32 PM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: Jackson waterline Replacement Phase i project

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Louanna,

I noticed that on the Clearinghouse comments SAI#KY201906050844 there were no comments for air quality for this project. Is that a different department within the department that we should still our scoping letters? I know you had messaged and said we didn't need to send letters and received the clearinghouse comments. I have attached a scoping letter for this one.

Thank You,

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

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

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 6, 2020 5:06 PM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson waterline Replacement Phase i project
Attachments: Scoping letter air quality.docx; ER Maps.pdf

Louanna,

I noticed that on the Clearinghouse comments SAI#KY201906050844 there were no comments for air quality for this project. Is that a different department within the department that we should still our scoping letters? I know you had messaged and said we didn't need to send letters and received the clearinghouse comments. I have attached a scoping letter for this one.

Thank You,

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

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



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

May 6, 2020

Department for Environmental Protection

Division for Air Quality
300 Sower Blvd, 2nd Floor
Frankfort, KY 40601

RE: Jackson Waterline Replacement Phase I Project

Dear Sir or Madam:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

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

BOARD OF DIRECTORS

County Judge Executives
Jeff Noble - Breathitt Co. Jeff Dobson - Knott Co. Chuck Caudill - Lee Co. William R. Lewis - Leslie Co. Terry Adams - Letcher Co. Cale Turner - Owsley Co. Scott Alexander - Perry Co. Raymond Banks - Wolfe Co.
Mayors
Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Poliss - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Moberini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton
Citizen Members
Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parks
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 Hatcomb

Executive Director
Michelle Allen

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

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 project description for your reference.

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

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

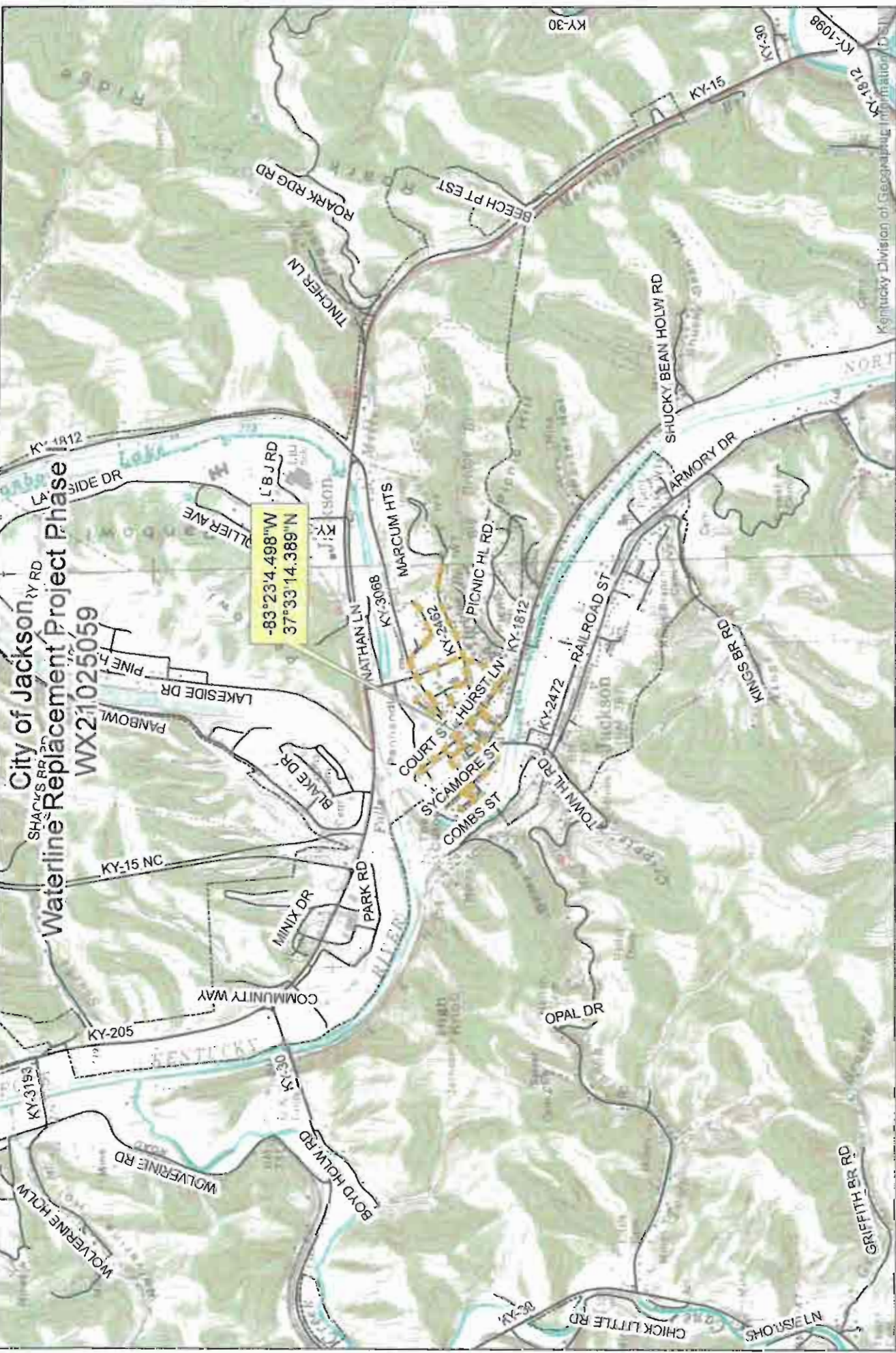
Riverine

Active Railroad

Rail Switchyard

NOTES:

There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

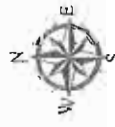
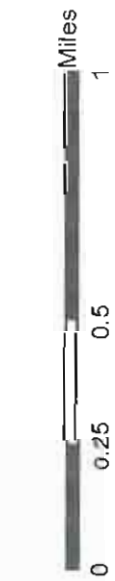


City of Jackson
Waterline Replacement Project Phase 1
WX21025059

Legend

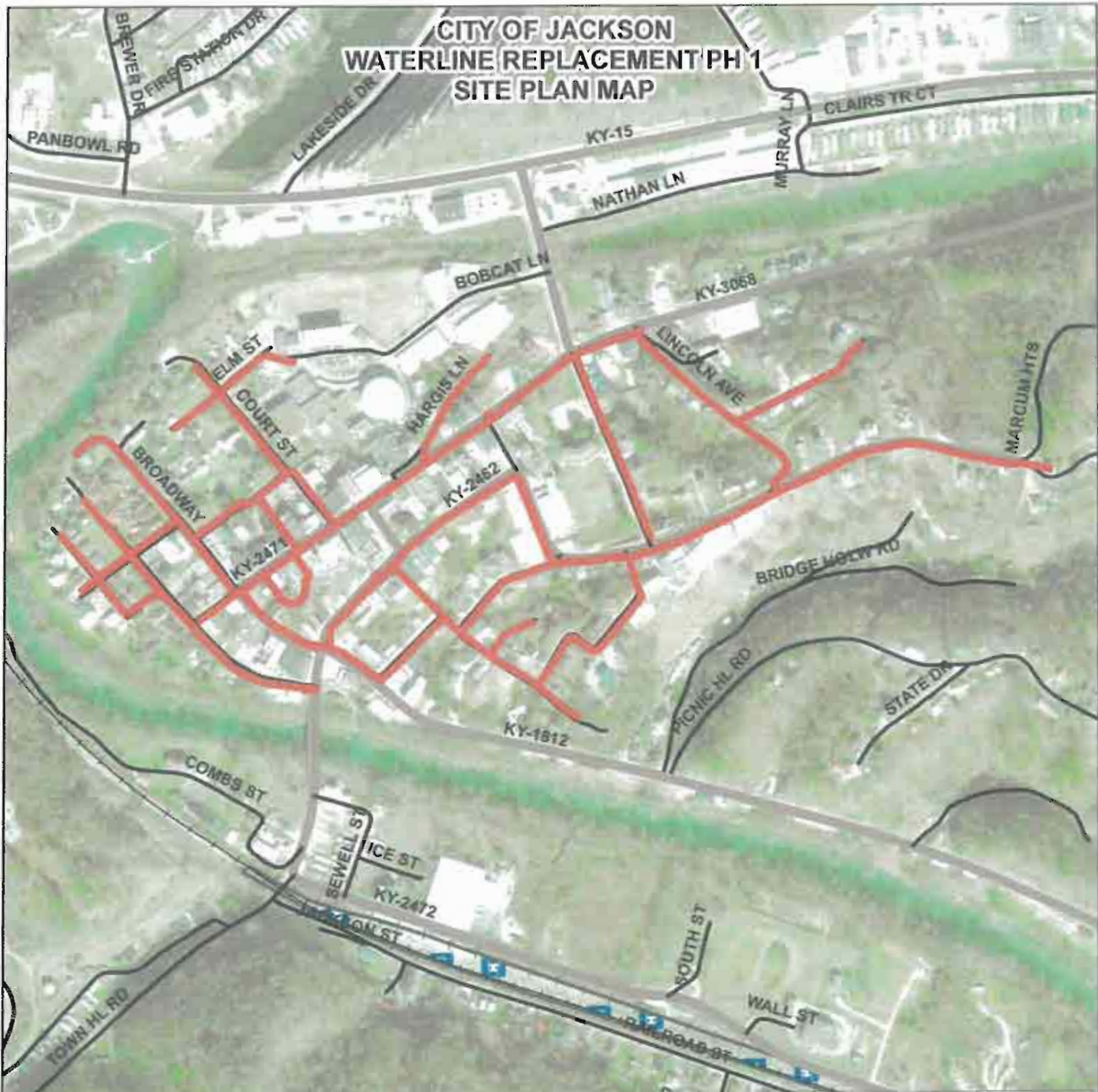
- Proposed Water Line
- Breach/In Roads
- City Boundary
- County Boundary

Scale 1:24,000



Kentucky Division of Geospatial Information (DGI)

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



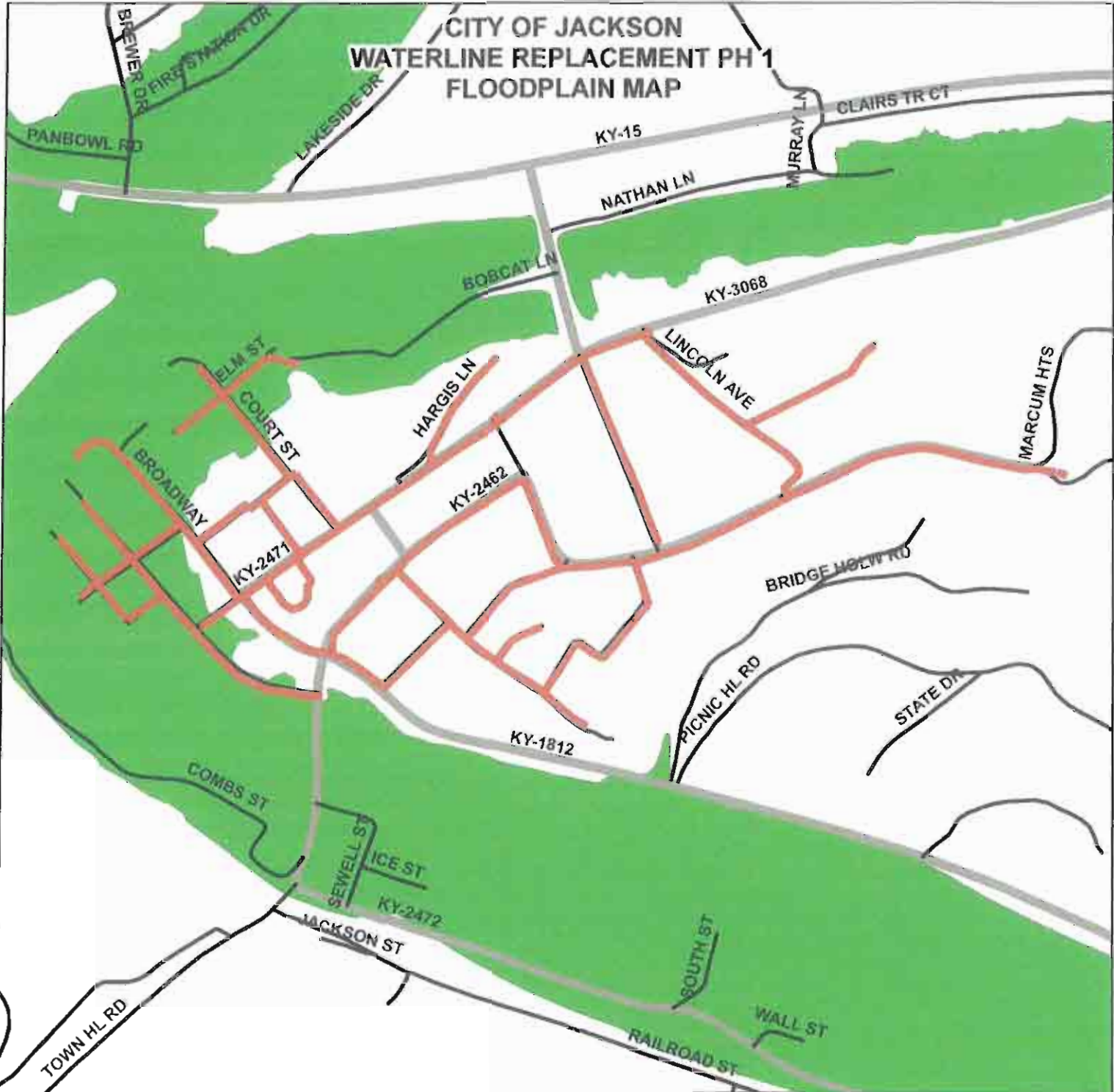
NOTES:
 There are no Minority Concentrations in the Jurisdiction.
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 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
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 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Kentucky

Current Air Quality

Historical Air Quality

Reporting Area

Current AQI

Today's Forecast
Thursday May 7

Tomorrow's Forecast
Friday May 8

Lexington



N/A



OZONE
Good



N/A

Louisville



N/A



PM2.5
Good



N/A

Mammoth Cave National Park



N/A



39
OZONE
Good



N/A





You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Criteria Pollutant Nonattainment Summary Report

Criteria Pollutant Nonattainment Summary Report

Data is current as of March 31, 2020

The NO₂ nonattainment area became a maintenance area on September 22, 1998. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005. All Carbon Monoxide areas were redesignated to maintenance areas as of September 27, 2010.

Mouse over the underlined number of counties to see the area name; click to see the associated counties. [View Report Footnotes](#)
[Download National Dataset: dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

State(s)	General Area Name	8-Hour Ozone (2015)			8-Hour Ozone (2008)			PM-2.5 (2012)			PM-2.5 (2006)			PM-2.5 (1997)			PM-10 (1987)			SO2 (2010)			S
		2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	2010 Pop.	No. Ctys	Cat./Class	
AK	Fairbanks											87	1	Ser									
AZ	Ajo															9	1	Mod					
AZ	Douglas/Paul Spur (Cochise County)															17	1	Mod					
AZ	Hayden/Miami															11	2	Mod	5	2	NonAtt		
AZ	Nogales											31	1	Mod		15	2	Mod	15	1	NonAtt		
AZ	Phoenix-Mesa	3,945	3	Mar	3,850	2	Mod								3,853	2	Ser						
AZ	Rillito (Pima County)														1	1	Mod						
AZ	West Pinal											52	1	Mod		283	1	Mod					
AZ	Yuma	87	1	Mar											101	1	Mod						
CA	Amador and Calaveras Cos (Central Mountain Cos)	46	1	Mar																			
CA	Chico	38	1	Mar	46	1	Mar																
CA	Imperial County	220	1	Mar	220	1	Mar																
CA	Los Angeles-South Coast Air Basin	175	1	Mar	175	1	Mod	154	1	Mod	154	1	Mod	15,716	4	Mod	15,716	4	Ser	15,716	4	Mod	
		1	1	Ser	1	1	Ser																
		1	2	Mar	3	2	Mod																
CA	Mariposa and Tuolumne Cos (Southern Mountain Cos)	55	1	Mar																			
CA	Mono County	18	1	Mar	18	1	Mod																
CA	Nevada Co. (Western Part)	82	1	Mod	82	1	Ser																
CA	Owens Valley															7	1	Ser					
CA	Plumas County							6	1	Mod													
CA	Sacramento Metro	2,240	6	Mod	2,241	6	Sev5				2,206	5	Mod										
CA	San Diego	3,077	1	Mod	3,095	1	Ser																
CA	San Francisco-Bay Area	6,969	9	Mar	6,973	9	Mar				6,971	9	Mod										
CA	San Joaquin Valley	95	1	Mod	95	1	Ser																
CA	San Luis Obispo	3,842	8	Ext	3,842	8	Ext	3,842	8	Mod	3,842	8	Ser	3,842	8	Ser	126	1	Ser				
CA	Searles Valley	1	1	Mar	2	1	Mar																
CA	Southeast Desert Modified AQMA																						
		425	1	Sev5	426	1	Sev5																
		867	2	Sev5	868	2	Sev5																
CA	Tuscan Buttes	0	1	Mar	0	1	Mar																
CA	Ventura County	821	1	Ser	823	1	Ser																
CA	Yuba City	0	1	Mar																			

		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO2 (2010)	S
CO	Denver-Boulder-Greeley-Ft. Collins-Loveland	3,330 9 Mar	3,330 9 Ser						
CT	Greater Connecticut	1,629 5 Mar	1,629 5 Ser						
DC-MD-VA	Washington	5,136 15 Mar							
GA	Atlanta	3,669 7 Mar							
GU	Piti-Cabras Tanguisson Power Plant							6 1 NonAtt	
IA	Muscatine County							30 1 NonAtt	
ID	Pocatello						1 2 Mod		
ID	Shoshone County			7 1 Mod					
IL	Peoria							41 2 NonAtt	
IL-IN	Chicago-Joliet-Napier	8,614 9 Mar	9,180 11 Ser					169 2 NonAtt	
IN	Evansville							6 2 NonAtt	
IN	Fort Wayne-Huntington-Auburn							21 1 NonAtt	
IN	Indianapolis							21 1 NonAtt 389 1 NonAtt	
IN	Muncie								
KS	Salina								
KY-IN	Louisville	1,061 5 Mar						3 1 NonAtt	
LA	Evangeline Parish							0 1 NonAtt	
LA	New Orleans							36 1 NonAtt	
MA-NH	Boston-Worcester-Manchester		17 1 Mar						
MD	Baltimore	2,663 6 Mar	2,663 6 Mod					990 2 NonAtt	
MI	Allegan County	47 1 Mar							
MI	Benton Harbor	157 1 Mar							
MI	Detroit-Ann Arbor							52 1 NonAtt	
MI	Muskegon	4,705 7 Mar						254 1 NonAtt	
MI	St. Paul	147 1 Mar							
MN	Minneapolis-St. Paul								
MO	Iron, Dent, and Reynolds Counties								
MO-IL	St. Louis	2,236 6 Mar						0 1 NonAtt 62 1 NonAtt 57 1 NonAtt	
MO-KS	Kansas City								
MT	Billings/Laurel								
MT	Butte						34 1 Mod		
MT	Columbia Falls (Flathead County)						5 1 Mod		
MT	Kalispell (Flathead County)						18 1 Mod		
MT	Lame Deer						1 1 Mod		
MT	Libby					9 1 Mod	3 1 Mod		
MT	Polson (Lake County)						4 1 Mod		
MT	Ronan (Lake County)						3 1 Mod		
MT	Thompson Falls						1 1 Mod		
MT	Whitefish (Flathead County)						6 1 Mod		
NM	Anthony						3 1 Mod		
NM	Sunland Park	13 1 Mar							
NV	Las Vegas	1,892 1 Mar							
NY	Jamestown		135 1 Mar						
NY-NJ-CT	New York-N. New Jersey-Long Island	20,217 24 Mod	20,217 24 Ser				1,586 1 Mod		

		8-Hour Ozone (2015)	8-Hour Ozone (2008)	PM-2.5 (2012)	PM-2.5 (2006)	PM-2.5 (1997)	PM-10 (1987)	SO2 (2010)	§
OH	Cleveland-Akron-Elyria	2,780 7 Mar							
OH-KY-IN	Cincinnati-Middletown-Wilmington	1,929 7 Mar							
OH-WV	Steubenville-Weirton							58 ² _[Split] NonAtt	
OR	Klamath Falls				47 1 Mod				
OR	Oakridge				4 1 Mod		4 1 Mod		
PA	Clearfield and Indiana Counties							93 2 NonAtt	
PA	Lancaster		519 1 Mar						
PA	Pittsburgh-New Castle		2,356 7 Mar	1,223 1 Mod	21 1 Mod	21 1 Mod		15 1 NonAtt	
PA	Reading							127 1 NonAtt	
PA	Warren County		411 1 Mar						
PA-NJ	Allentown-Bethlehem-Easton		712 3 Mar						10
PA-NJ-DE-MD	Philadelphia-Wilmington-Atlantic City		197 1 Mar						
PR	Arecibo	7,437 16 Mar	7,437 16 Mar						
PR	Guayama-Salinas							23 1 NonAtt	
PR	San Juan							275 5 NonAtt	
TN	Johnson City-Kingsport-Bristol							15 1 NonAtt	
TX	Dallas-Fort Worth	6,202 9 Mar	6,280 10 Ser						
TX	El Paso						649 1 Mod		
TX	Fairfield							4 2 NonAtt	
TX	Houston-Sugar Land-Baytown	5,773 6 Mar	5,892 8 Ser						
TX	Mount Pleasant							0 1 NonAtt	
TX	San Antonio	1,715 1 Mar							
TX	Tatum							2 2 NonAtt	
UT	Provo	516 1 Mar			518 1 Ser				
UT	Salt Lake City	1,616 4 Mar			1,665 5 Ser				1,035
UT	Tooele County								
UT	Uinta Basin	47 2 Mar							
UT-ID	Logan				125 2 Mod				
WI	Door County	0 1 Mar							
WI	Manitowoc County	49 1 Mar							
WI	Milwaukee-Racine	70 2 Mar							
WI	Rhineland							18 1 NonAtt	
WI	Sheboygan		62 1 Mod						
WV-OH	Parkersburg-Marietta	62 1 Mar	54 1 Mod					4 2 NonAtt	
WV-OH	Wheeling							20 1 NonAtt	
WY	Upper Green River Basin		11 3 Mar						

The area population is displayed in 1000's. 'Cat.' is Category.

Area Name:

The "State(s) Area Name" column contains a common or general name for the nonattainment areas on the row, but may not reflect the exact name of any area on the row. This column cannot be exact since the nonattainment area for one pollutant may not contain the same counties, cities, or states as the nonattainment area for another pollutant on the same row. To see the area name or click on them to see the associated counties. The abbreviations listed in the "State(s)" column reflect all states identified in row. However, some states on a row may be nonattainment for some pollutants and not for others in the general area.

Split Area:

'Split' in the No. Cty's column indicates that the multi-state area has states that have been redesignated but the area does not become a maintenance area until all states in the area are redesignated. The whole area population is displayed in this report. Clicking on a "Split" No. Cty's will display information for the state(s) that have not been redesignated.

Discover.

Connect.

Ask.

Follow.

2020-03-31

Exhibit 9

Division of Water Correspondence



ANDY BESHEAR
GOVERNOR

DEPARTMENT FOR LOCAL DEVELOPMENT
OFFICE OF THE GOVERNOR
100 AIRPORT ROAD, 3RD FLOOR
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606
www.dlg.ky.gov

DENNIS KEENE
COMMISSIONER

May 7, 2020

Mayor Laura Thomas
City of Jackson
333 Broadway
Jackson, KY 41339

RE: Jackson Waterline Replacement Project Phase I
WX21025059
SAI# KY201906050844
CFDA# 14.228

Dear Mayor Thomas:

Pursuant to your request, the State Clearinghouse will update its evaluation of SAI# **KY201906050844**. The State Clearinghouse has contacted appropriate state agencies and determined its previous comments regarding this proposal are still valid.

Please consider this correspondence as official notification that the State Clearinghouse is reaffirming its previous correspondence. This endorsement remains valid for a period of one (1) year from the date of this letter.

If you have any questions regarding this matter, please feel free to contact the State Clearinghouse at 502-573-2382.

Sincerely,

Lee Nalley
Kentucky State Clearinghouse



MATTHEW G. BEVIN
GOVERNOR

DEPARTMENT FOR LOCAL GOVERNMENT
OFFICE OF THE GOVERNOR
100 AIRPORT ROAD, 3RD FLOOR
FRANKFORT, KENTUCKY 40601-8204
PHONE (502) 573-2382 FAX (502) 573-2939
TOLL FREE (800) 346-5606/ TDD: 711
WWW.kydlgweb.ky.gov

SANDRA K. DUNAHOO
COMMISSIONER

June 19, 2019

Mayor Laura Thomas
City of Jackson
333 Broadway
Jackson, KY 41339

RE: Jackson Waterline Replacement Project Phase I
WX21025059
SAI# KY201906050844
CFDA# 14.228

Dear Mayor Thomas:

The Kentucky State e-Clearinghouse is the official designated Single Point of Contact (SPOC) for the Commonwealth pursuant to Presidential Executive Order 12372, and supported by Kentucky Statutes KRS 45.03. The primary function of the SPOC is to streamline the review aforementioned process for the applicant and the funding agency. This process helps in vocalizing the statutory and regulatory requirements. Information in the form of comments, if any, will be attached to this correspondence.

This proposal has been reviewed by the appropriate state agencies in the e-Clearinghouse for conflicts with state or local plans, goals and objectives. After receiving this letter, you should make it available to the funding agency and continue with the funding agencies application process. This e-clearinghouse SPOC letter signifies only that the project has followed the state reviewing requirements, and is neither a commitment of funds from this agency or any other state or federal agency. Please remember if any federal reviews are required the applicant must follow through with those federal agencies.

The results of this review are valid for one year from the date of this letter. If the project is not submitted to the funding agency or not approved within one year after the completion of this review, the applicant can request an extension by email to Lee.Nalley@ky.gov. If the project changes in any way after the review, the applicant must reapply through the eclearinghouse for a new review. There are no exceptions.

If you have any questions regarding this letter or the review process please contact the e-Clearinghouse office at 502-573-2382, ext. 274.

Sincerely,

Lee Nalley, SPOC
Kentucky State Clearinghouse

Attachment

Department for Environmental Protection
Louanna Aldridge

Joel Murphy - Endorse with Comments The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201906050844) when submitting plans and specifications.

This project will replace the existing aging lines in the downtown area with new 2-inch, 4-inch, 6-inch, 8-inch and 10-inch PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Lane, Patton Avenue, Bobcat Lane, Quicksand Road, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project 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, Engineering Section, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

The system was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

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.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@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 Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov or David Jackson, Groundwater Section, (502) 782-6986, DavidA.Jackson@ky.gov.

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 Ron Dutta, Floodplain Management Section, (502) 782-6941, Ramendra.Dutta@ky.gov.

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.

If the construction area disturbed is equal to or greater than 1 acre, the applicant will need to apply for a Kentucky Pollutant Discharge Elimination System (KPDES) storm water discharge permit.

Utility line projects that cross a stream will require a Section 404 permit from the US Army Corps of Engineers and a 401 Water Quality Certification from DOW.

The Kentucky Division of Water supports the goals of EPA's Sustainable Infrastructure Initiative. This Initiative seeks to promote sustainable practices that will help to reduce the potential gap between funding needs and spending at the local and national level. The Sustainable Infrastructure Initiative will guide our efforts in changing how Kentucky views, values, manages, and invests in its water infrastructure. This website, www.epa.gov/waterinfrastructure/, contains information that will help you ensure your facility and operations are consistent with and can benefit from the aims of the Sustainable Infrastructure Initiative.

Division of Enforcement

Tim Harrod

The Division of Enforcement does not object to the project proposed by the applicant.
Tim Harrod, Enforcement Specialist Division of Enforcement Timothy.Harrod@ky.gov

Division of Water

Andrea Fredenburg

Best management practices should be utilized to reduce runoff from project construction activities into nearby waters.

Division of Water

Abba Pourghasemi

No objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project must be submitted to the Division of Water's Water Infrastructure Branch by a registered professional engineer in Kentucky. Must receive a written approval from the Division of Water prior to the beginning of the construction.

Division of Water

Jennifer Taimi

System was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised.

DOW
Daniel Fraley

Endorse

Fish and Wildlife
Dan Stoelb

To minimize impacts to the aquatic environment the Kentucky Dept. of Fish & Wildlife Resources recommends that erosion control measures be developed and implemented prior to construction to reduce siltation into waterways located within the project area. Such erosion control measures may include, but are not limited to silt fences, staked straw bales, brush barriers, sediment basins, and diversion ditches. Erosion control measures will need to be installed prior to construction and should be inspected and repaired regularly as needed. Please contact Dan Stoelb @ 502-892-4453 or Daniel.Stoelb@ky.gov if you have further questions or require additional information.

Kentucky Division of Water
Chloe Brantley

Project filed.

Kentucky Infrastructure Authority
Don Schierer

This project was reviewed in the WRIS Portal by KIA staff.

Kentucky River ADD
Jennifer McIntosh

KY River ADD has reviewed the project and it matches the project profile submitted to the WMC. The ADD asks that upon completion a copy of the as-builts be submitted digitally so that the WRIS may be updated.

Kentucky River Area Development District
Angelia Hall

KRADD has no concerns with the proposed project.

Kentucky Transportation Cabinet (10)
Jason Blackburn (D 10)

Applicant MUST acquire Highway Encroachment Permit prior to performing any work in State maintained roadways. Estimate appears to be on the low side to cover all areas listed and correct probable damage.

KY Department of Housing Buildings and Construction
Duane Curry

The Kentucky Department of Housing, Buildings and Construction approves with no comments.

KY Division of Water
Allan Shingleton

For pipeline stream crossings that are not covered under 401 KAR 4:050, a Kentucky Division of Water Application for Permit to Construct Across or Along a Stream must be submitted. Questions should be directed to Ron Dutta at 502-782-6941 or Ramendra.Dutta@ky.gov.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley at 502-782-6898 or Chloe.Brantley@ky.gov.

KY Heritage Council
Yvonne Sherrick

To receive a review from the KY Heritage Council/State Historical Preservation Office (SHPO) you must follow the instructions located on their website at <http://www.heritage.ky.gov/siteprotect/> . There you will find the required documents for the Section 106 Review and Compliance for 36 CFR Part 800. This Section 106 submission process to SHPO will assist applicants and agencies in providing the appropriate level of information to receive comments from SHPO. If you have any questions please contact Yvonne Sherrick, Administrative Specialist III, (502) 564-7005, Ext. 113, yvonne.sherrick@ky.gov.

Please note: If your project is funded through Transportation Alternative (TAP), Transportation Enhancements (TE), Congestion, Mitigation, Air Quality (CMAQ), or Safe Routes to School (SRTS) you will need to send this information to Michael Jones, Historic Preservation Program Administrator with the Kentucky Transportation Cabinet via email MichaelR.Jones2@ky.gov or hard copy to Michael Jones, Office of Local Programs, KY Transportation Cabinet, 200 Mero Street Frankfort, KY 40622. Do not send materials directly to SHPO if your project involves funding from these four sources as it will cause delays in the review process. Michael Jones will consult directly with the SHPO on projects with these funding sources to complete the Section 106 review.

KY. Division of Water
Kurtis Spears

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 YourName (502-782) or the Section Supervisor David Jackson (502-782-6986).

Jennifer McIntosh

From: Taimi, Jennifer (EEC) <Jennifer.Taimi@ky.gov>
Sent: Wednesday, May 20, 2020 3:16 PM
To: Jennifer McIntosh
Subject: RE: Jackson WTP O&M Part 1

Hey Jennifer,

I have reviewed the WTP and Distribution O&M Manuals you emailed me from Jackson Municipal Water. Both now meet the regulatory requirements; therefore, the deficiencies noted as a result of the 2017 sanitary survey have been sufficiently addressed.

If you need anything else from me, just let me know!

Jennifer Taimi
502-782-7087

From: Jennifer McIntosh [<mailto:jennifer@kradd.org>]
Sent: Wednesday, May 20, 2020 11:18 AM
To: Taimi, Jennifer (EEC) <Jennifer.Taimi@ky.gov>
Subject: Jackson WTP O&M Part 1

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Jennifer here is part 1 of the Jackson WTP O&M Manual. I sent it as one document, but then realized it was 13 MB and figured that was too large. They are working to add the recommendations you made to their distribution manual and I should have that over later today. I need a sign-off from you on both for their environmental review I am conducting for their Jackson Waterline replacement Phase I project. Thanks.

Thank You,

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

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CHARLES G. SNAVELY
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

AARON B. KEATLEY
COMMISSIONER

300 SOWER BOULEVARD
FRANKFORT, KENTUCKY 40601

January 17, 2018

Honorable Rose Wolfe
Jackson Municipal Water Works
333 Broadway
Jackson, KY 41339

RE: AI: 409
PWSID: KY0130208
Drinking Water Sanitary Survey

Dear Mayor Wolfe,

The Division of Water conducted a Drinking Water Sanitary Survey (attached) of Jackson Municipal Water Works on October 19, 2017. A Capacity Development assessment was done as part of the survey.

Significant Deficiencies:

There were no significant deficiencies observed during the inspection.

Non-Significant Deficiencies observed:

- **Update the WTP Operation & Maintenance Manual to include all aspects required by 401 KAR 8:020, Section 2(12). (Specifically missing is the daily operational procedures.) The manual shall be reviewed/updated not less than annually.**
- **Review Distribution Operation & Maintenance Manual and update if necessary. Continue to review on an annual basis. (Consider adding a signature page to the manual to document these required annual review/updates.)**

The system must submit a written response to the Division of Water by April 17, 2018 which addresses the above noted non-significant deficiencies.

The Division Recommends: *(Bolded comments denote lack of capacity)*

- The system have distribution storage tanks professionally inspected every 5yrs
- The system have the backflow preventions devices tested by a certified person
- Cross-train operators so that if an employee is out for an extended absence like injury or illness, system can continue all routine duties (such as tracking water loss).
- Develop and follow a documented preventive maintenance program.
- Provide educational activities to the public such as plant tours, school programs/career day, informational brochures, website/social media pages, etc.
- Add a signature page to the WTP O&M Manual to document required annual review/updates.
- **Prepare monthly reports to show variances between budgeted and actual revenue and expenses.**



- Strive to meet the necessary debt coverage ratio for bond ordinances, loan agreements, and bond requirements. (A typical value is 1.2, meaning there is enough income to pay debt service obligations with a small margin of safety.)
- Write off bad debt annually, at a minimum.
- **Calculate the current cost to produce water, as contributing costs have changed since it was last calculated in 2011.**
- **Continue efforts to track and reduce water loss throughout the water system. Track all non-revenue water loss (both “accounted for” and “unaccounted for”) on a monthly basis, and strive for less than 15% unaccounted for water loss.**
- If possible, consider joining the Local Emergency Planning Committee.


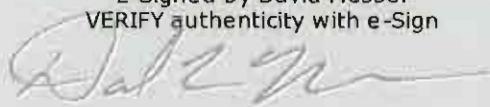
All deficiency responses should be sent to the attention of David L. Messer, Drinking Water Technical Assistance, London Regional Office, 875 South Main Street, London, KY 40741. I may also be reached by phone at 606-330-2080 or by email at david.messer@ky.gov.

Assistance with the “Managerial and Financial Assessment” section of the sanitary survey for Jackson Municipal Water Works can be obtained by contacting Jennifer Taimi at 502-782-7087.

If you have any questions regarding the “Technical Inspection” portion, contact Robert Back in the Hazard Regional Office at (606) 435-6022.

Sincerely,

E-Signed by David Messer
VERIFY authenticity with e-Sign



David L. Messer
Drinking water Technical Assistance
Division of Water

Jennifer McIntosh

From: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>
Sent: Thursday, May 14, 2020 10:07 AM
To: Jennifer McIntosh
Subject: RE: Jackson Waterline Replacement Phase I Project

FYI - the contact has changed: Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

From: Murphy, Joel (EEC)
Sent: Thursday, May 14, 2020 10:04 AM
To: Jennifer McIntosh <jennifer@kradd.org>
Cc: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: RE: Jackson Waterline Replacement Phase I Project

See attached Clearinghouse letter. I've highlighted the Floodplain Section's comment.

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: FW: Jackson Waterline Replacement Phase I Project

Please respond based on comments below.

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: Jackson Waterline Replacement Phase I Project

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid

waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

Kentucky River Area Development District

941 North Main Street

Hazard, KY 41701

Phone: 606-436-3158

Fax: 606-436-2144

Website: www.kradd.org

<https://www.facebook.com/KentuckyRiverADD/>

Jennifer McIntosh

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Subject: RE: Jackson Waterline Replacement Phase I Project
Attachments: KY201906050844.pdf

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Water & Wastewater Planner

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Website: www.kradd.org
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Department for Environmental Protection
Louanna Aldridge

Joel Murphy - Endorse with Comments The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201906050844) when submitting plans and specifications.

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There are no objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project 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, Engineering Section, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

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Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@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 Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov or David Jackson, Groundwater Section, (502) 782-6986, DavidA.Jackson@ky.gov.

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Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

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Pam Pilgrim VICE-
CHAIRMAN Tracy
Neice
Mayor

TREASURER

Terry Adams
Judge/Executive

SECRETARY

Gregory Whitson

PARLIAMENTARIAN

Laura Thomas Mayor

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Tom Burns - Buckhorn
Kathi May - Campton

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Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
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Burkhi 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 13, 2020

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

RE: Jackson Waterline Replacement Phase I Project

Dear Louanna:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson Waterline Replacement Phase I Project
Attachments: Scoping letter Dept Environmental protection.docx; ER Maps.pdf

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

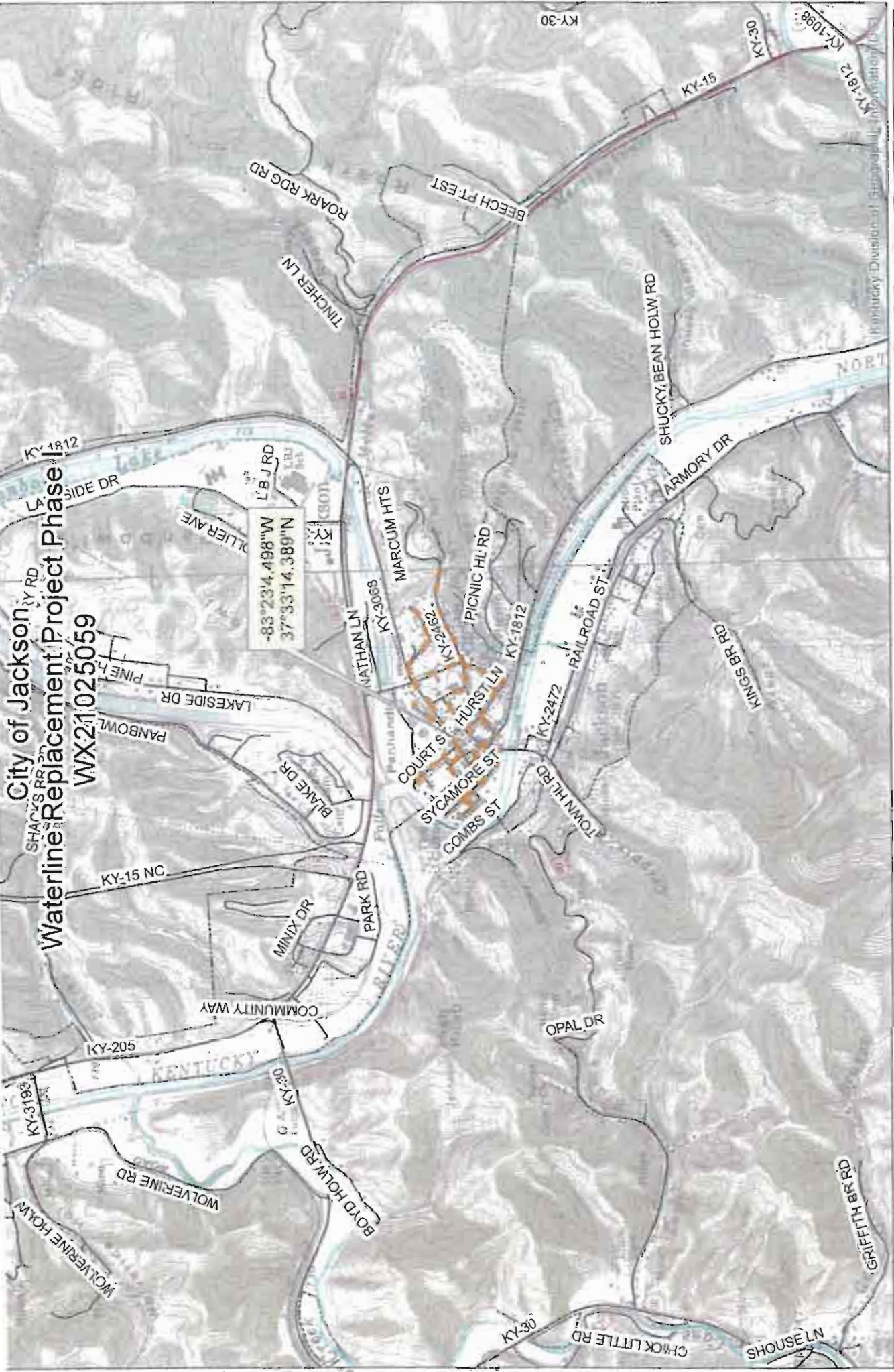
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.



City of Jackson
Waterline Replacement Project Phase I
WX211025059

Legend

- Proposed Water Line
- City Boundary
- Breakout Roads
- County Boundary

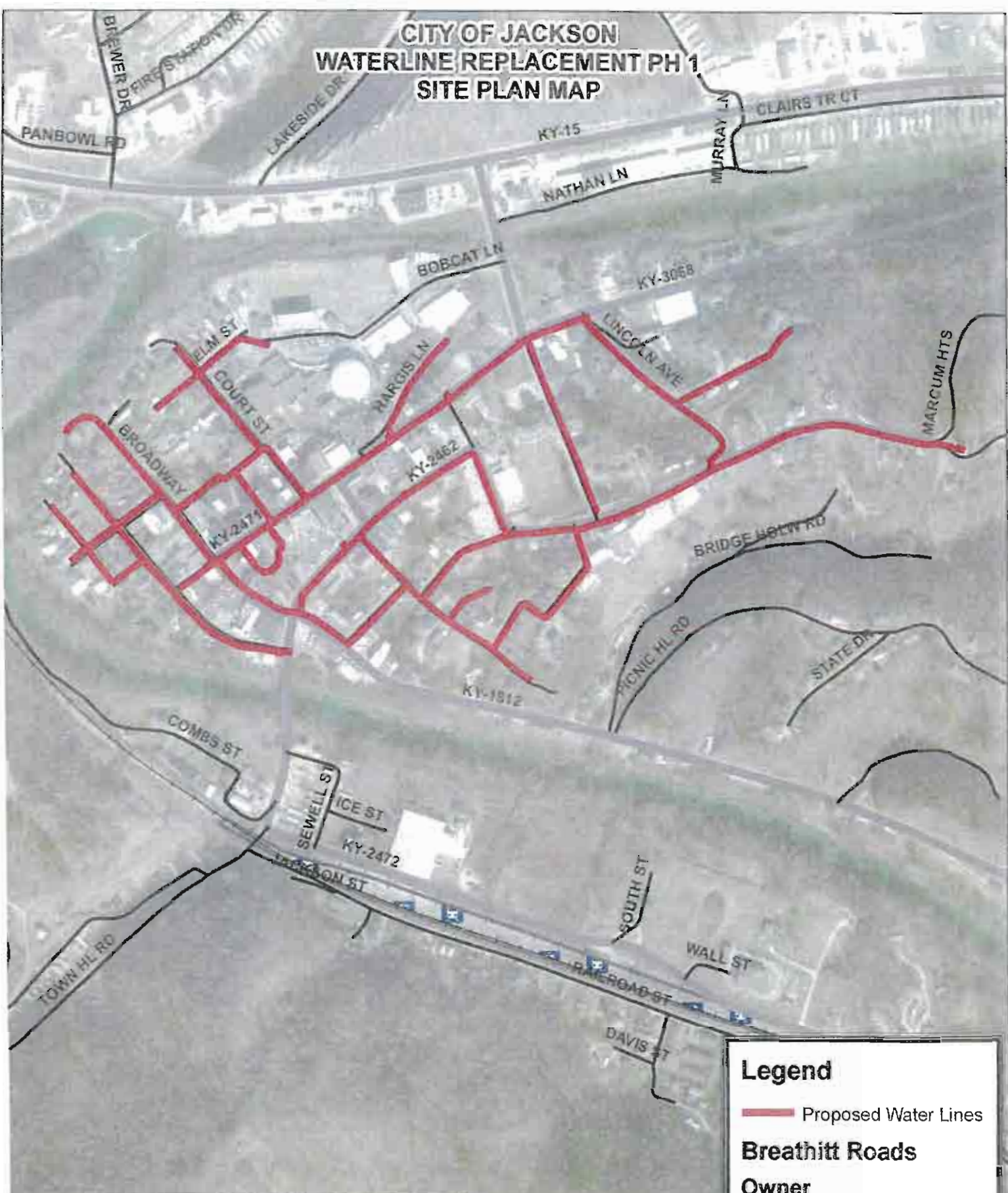
Scale 1:24,000

Miles

0 0.25 0.5 1

Kentucky Division of Geological and Water Resources

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP

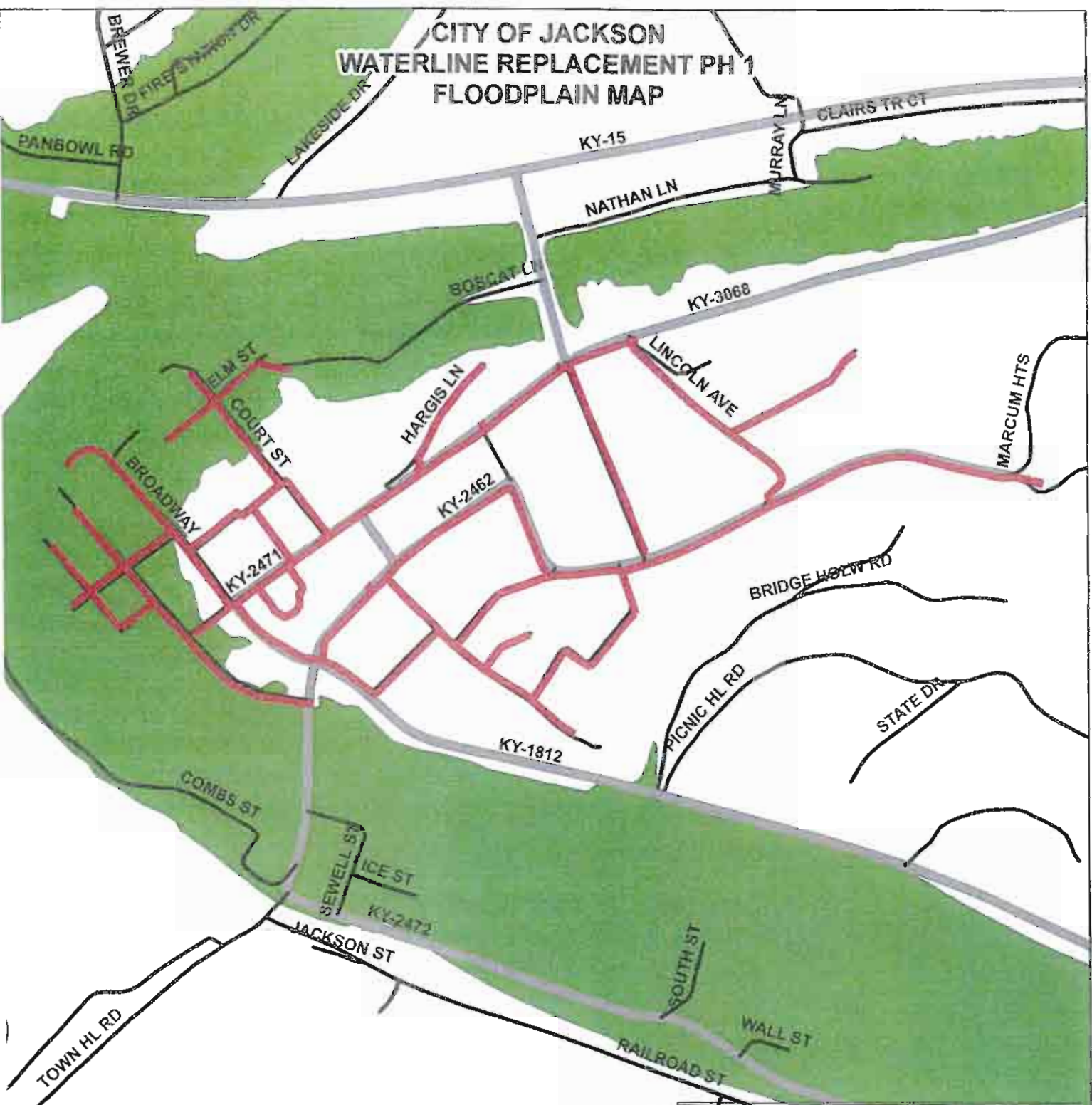


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 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,854 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- | Active Railroad
- + Rail Switchyard

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 538 LF of 4", 8,654 LF of 8",
 2,518 LF of 8" and 3,884 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

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.

Jennifer McIntosh

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Thursday, May 7, 2020 1:23 PM
To: jennifer@kradd.org
Subject: FW: Jackson waterline Replacement Phase i project
Attachments: DAQ Comments.docx

Comments from Division of Air Quality attached.

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 6, 2020 5:05:32 PM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: Jackson waterline Replacement Phase i project

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Louanna,

I noticed that on the Clearinghouse comments SAI#KY201906050844 there were no comments for air quality for this project. Is that a different department within the department that we should still our scoping letters? I know you had messaged and said we didn't need to send letters and received the clearinghouse comments. I have attached a scoping letter for this one.

Thank You,

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

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

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 6, 2020 5:06 PM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson waterline Replacement Phase i project
Attachments: Scoping letter air quality.docx; ER Maps.pdf

Louanna,

I noticed that on the Clearinghouse comments SAI#KY201906050844 there were no comments for air quality for this project. Is that a different department within the department that we should still our scoping letters? I know you had messaged and said we didn't need to send letters and received the clearinghouse comments. I have attached a scoping letter for this one.

Thank You,

Jennifer McIntosh
Water & Wastewater Planner
Kentucky River Area Development District
941 North Main Street
Hazard, KY 41701
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Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties



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

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Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

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Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Comett
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 6, 2020

Department for Environmental Protection

Division for Air Quality
300 Sower Blvd, 2nd Floor
Frankfort, KY 40601

RE: Jackson Waterline Replacement Phase I Project

Dear Sir or Madam:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any 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: jennifer@kradd.org. Thank you, for your time and assistance.

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

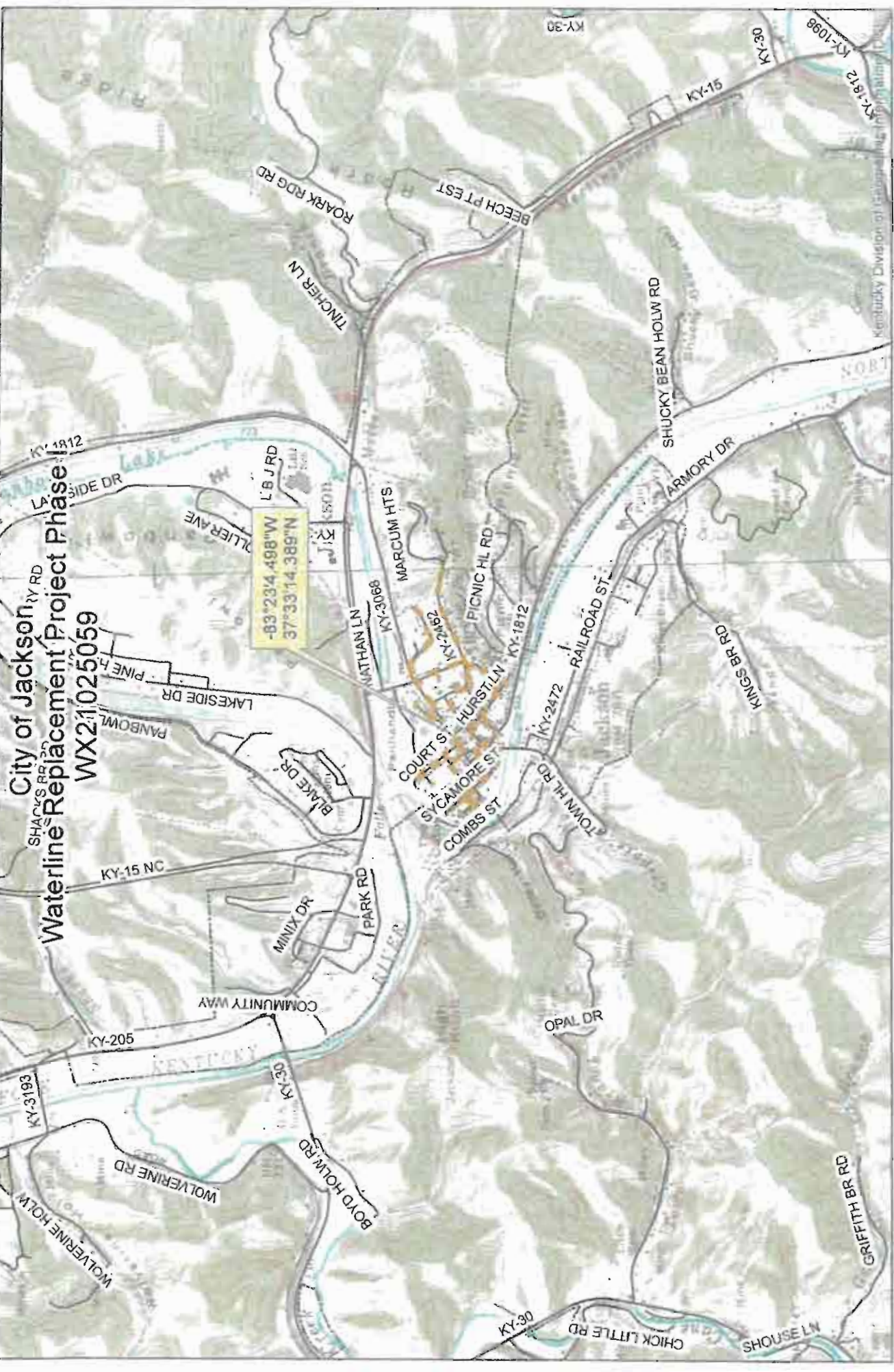
Lake

Riverine

Active Railroad

Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.



City of Jackson
Waterline Replacement Project Phase I
WX211025059

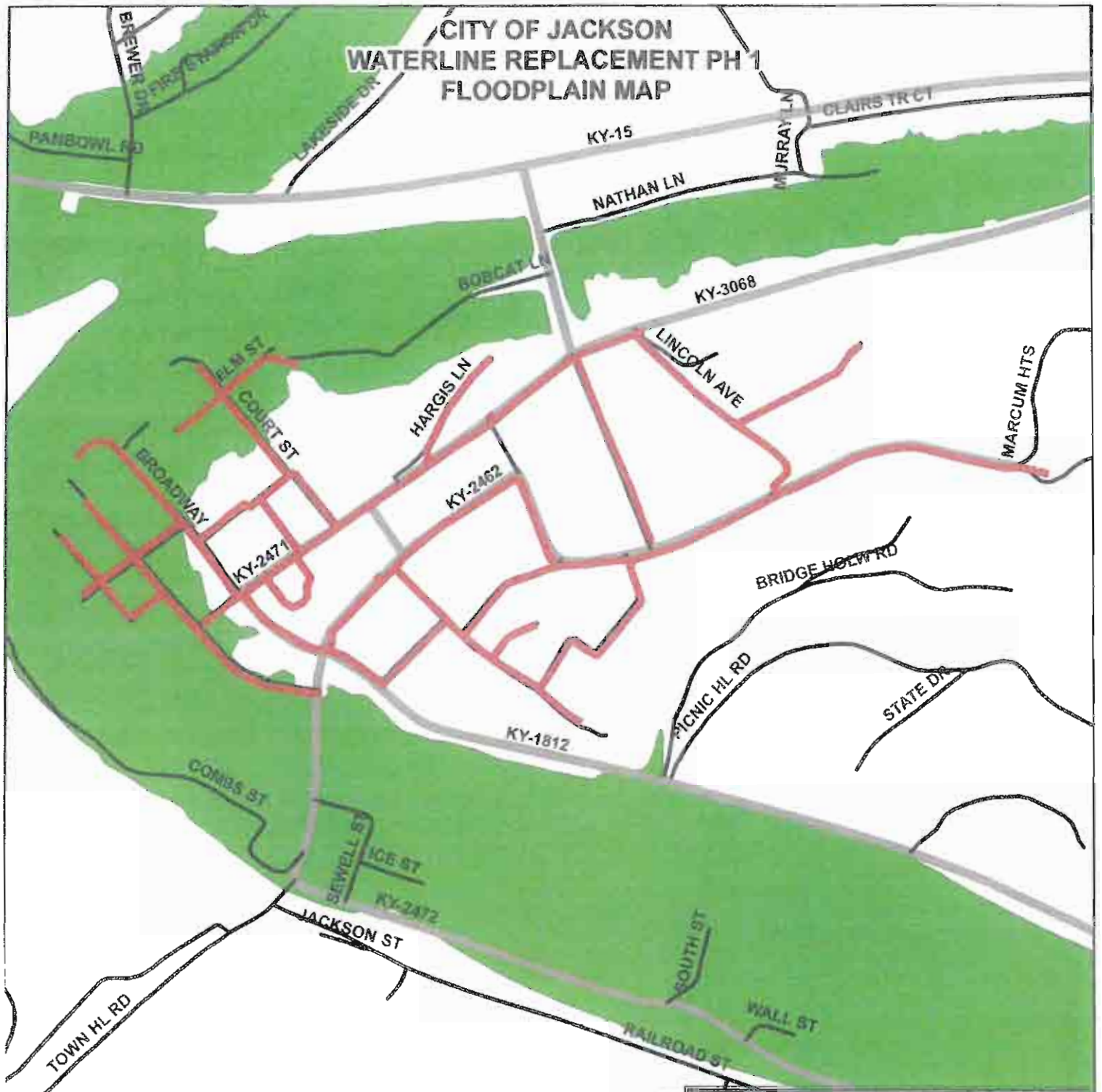
Legend

- Proposed Water Line
- City Boundary
- Brezithat Roads
- County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 8",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Kentucky River Area Development District
Jackson Waterline Replacement Phase I Project
City of Jackson
Breathitt County, Kentucky

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

Active Sites:

Breathitt Co Board Of Education Bus Garage

MASTER AI ID: 56812

LONGITUDE: -83.382778

LATITUDE: 37.556083

Closed Sites:

Tevis & Dana Cole Property

MASTER AI ID: 56740

LONGITUDE: -83.386809

LATITUDE: 37.55424

Turners Taxi Service

MASTER AI ID: 56742

LONGITUDE: -83.38494299999999

LATITUDE: 37.55242

R & J Repair Old

MASTER AI ID: 56808

LONGITUDE: -83.379578

LATITUDE: 37.555727999999995

Johnsons Minit Mart

MASTER AI ID: 57473

LONGITUDE: -83.383059

LATITUDE: 37.551497999999995

School Bus Garage

MASTER AI ID: 67108

LONGITUDE: -83.38429

LATITUDE: 37.553756

Texaco Building

MASTER AI ID: 69592

LONGITUDE: -83.38465099999999

LATITUDE: 37.552322

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 no superfund site issues identified within the project impact area. 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.

Jennifer McIntosh

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Monday, May 18, 2020 2:10 PM
To: jennifer@kradd.org
Subject: FW: Jackson Waterline Replacement Phase I Project
Attachments: Response DWM.docx

Is this all you need for this one?

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Poore, John (EEC)
Sent: Monday, May 18, 2020 1:48 PM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: RE: Jackson Waterline Replacement Phase I Project

Louanna:

Attached are the comments from DWM on the above referenced project. Let me know if you have any questions or need any additional information. Thanks!

John

From: Aldridge, Louanna C (EEC)
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: FW: Jackson Waterline Replacement Phase I Project

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Please respond based on comments below.

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM

To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>

Subject: Jackson Waterline Replacement Phase I Project

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Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

Kentucky River Area Development District

941 North Main Street

Hazard, KY 41701

Phone: 606-436-3158

Fax: 606-436-2144

Website: www.kradd.org

<https://www.facebook.com/KentuckyRiverADD/>

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

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson Waterline Replacement Phase I Project
Attachments: Scoping letter Dept Environmental protection.docx; ER Maps.pdf

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I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

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Water & Wastewater Planner
Kentucky River Area Development District
941 North Main Street
Hazard, KY 41701
Phone: 606-436-3158
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Kentucky River

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Neice
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James W. Craft - Whitesburg
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Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall Jack
Burklich Dale
Bishop Derrick
Bowling Nail
Napier Gregory
Whitson
Marwether 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 13, 2020

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

RE: Jackson Waterline Replacement Phase I Project

Dear Louanna:

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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE:

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Active Railroad

Rail Switchyard




NOTES:

There are no Minority Concentrations in the Jurisdiction.
No property to be aquired in this project.
There are no identified drainage problem areas.
Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
encompass all of what is considered the downtown area.

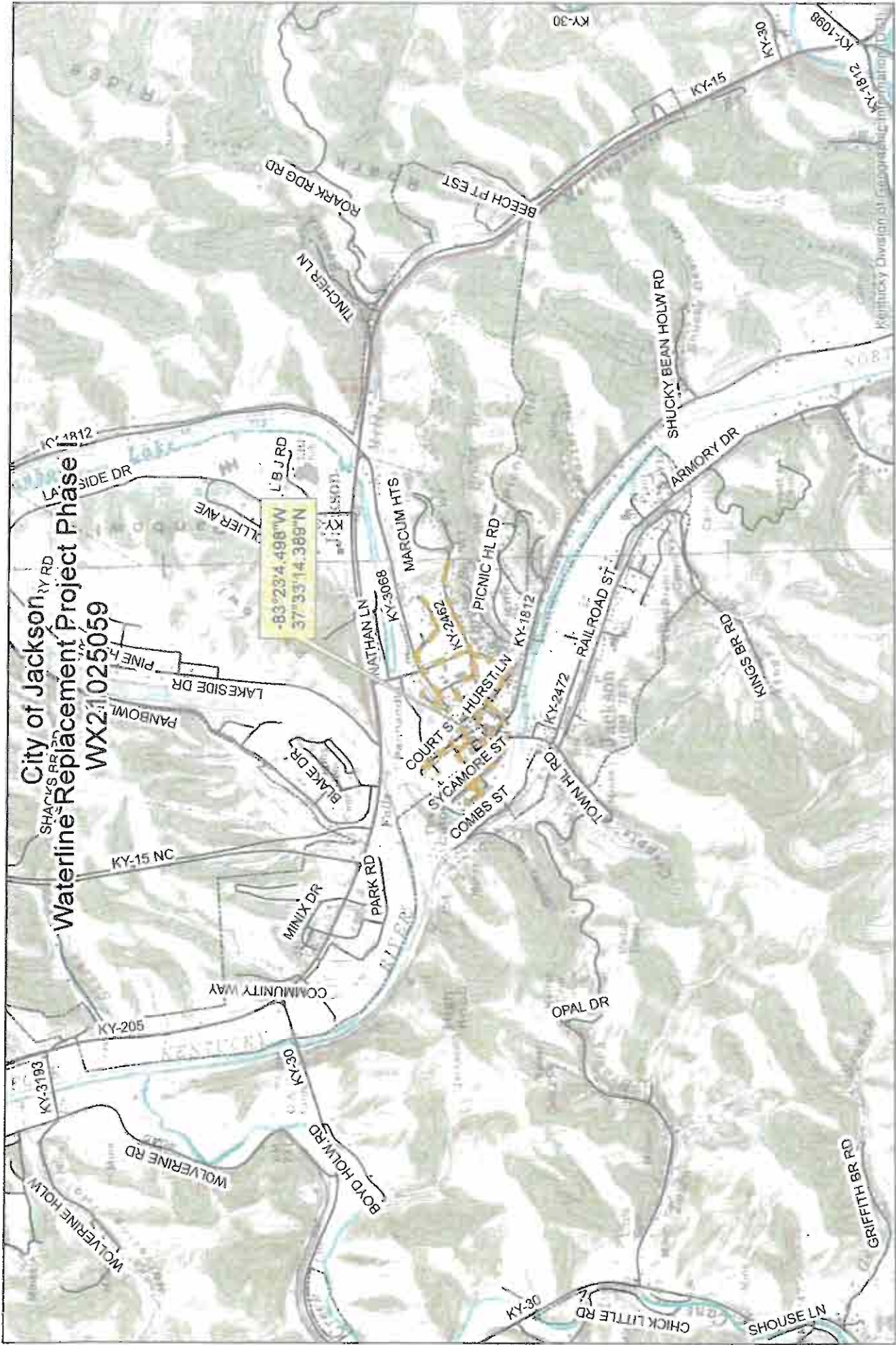
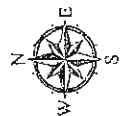
City of Jackson
Waterline Replacement Project Phase
WX21025059

-83°23'4.498"W
 37°33'14.389"N

Legend

-  Proposed Water Line
-  City Boundary
-  Bypassed Roads
-  County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



Legend

- Proposed Water Lines

Breathitt Roads

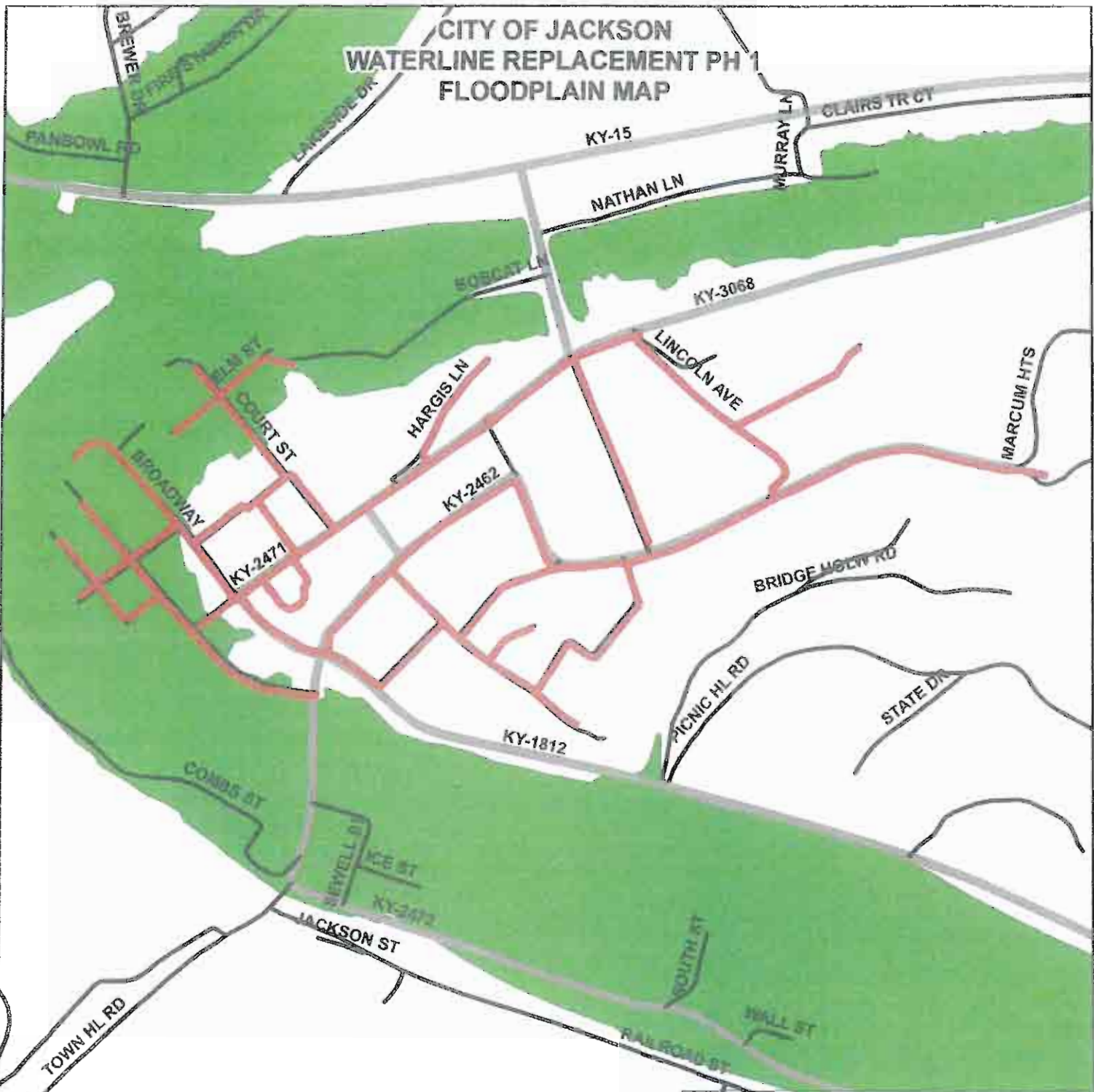
Owner

- State Highways
- Others
- Active Railroad
- Rail Switchyard

NOTES:
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 No property to be acquired in this project.
 There are no identified drainage problem areas.
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 encompass all of what is considered the downtown area.

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
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 2,518 LF of 8" and 3,884 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 10
Site Contamination Data



TRI Explorer

2018 TRI Factsheet: ZIP Code – 41339

Data Source: 2018 National Analysis Dataset (released November 12, 2019)

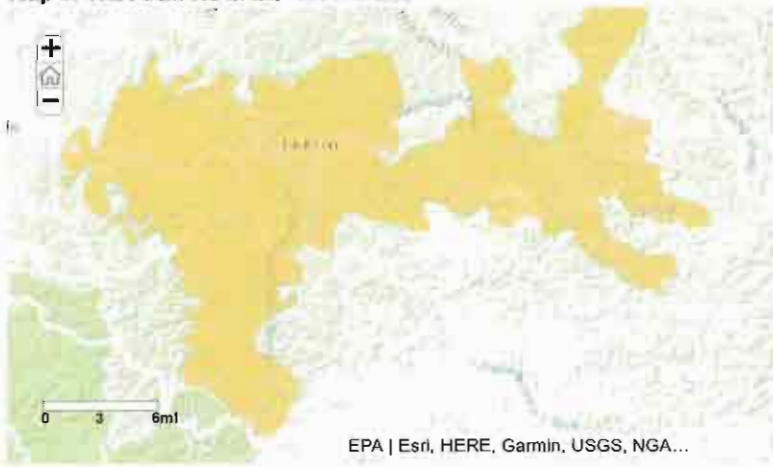
[Go To New Report](#)

[Print View](#)

[Español](#)

The [Toxics Release Inventory \(TRI\)](#) tracks the management of certain toxic chemicals that may pose a threat to human health and the environment. Certain industrial facilities in the U.S. must report annually how much of each chemical is recycled, combusted for energy recovery, treated for destruction, and disposed of or otherwise released on- and off-site. This information is collectively referred to as production-related waste managed.

Map of TRI Facilities in ZIP Code 41339



Quick Facts for 2018

	ZIP Code 41339	United States
Number of TRI Facilities:		21,548
Total Production-Related Waste Managed:	0 lbs	32.1 billion lbs
Total On-site and Off-site Disposal or Releases:	0 lbs	3.8 billion lbs
Total On-site:	0 lbs	3.3 billion lbs
• Air:	0 lbs	601.9 million lbs
• Water:	0 lbs	195.3 million lbs
• Land:	0 lbs	2.5 billion lbs
Total Off-Site:	0 lbs	473.9 million lbs

Kentucky ranks **15 out of 56** states/territories nationwide based on total releases per square mile (Rank 1 = highest releases)

Looking at production-related waste managed over time helps track progress in reducing waste generated and moving toward safer waste management methods. EPA encourages facilities to first eliminate waste at its source (source reduction). For waste that is generated, the preferred management method is recycling, followed by energy recovery, treatment, and as a last resort, disposing of or otherwise releasing the waste. Under the Pollution Prevention Act of 1990, TRI collects information to track industry progress in reducing waste generation and moving towards safer waste management alternatives. Learn more about [Pollution Prevention and TRI](#).

**Production-related waste managed in
ZIP Code 41339, 2003 - 2018**

No Data Reported



The following charts represent releases of TRI-covered chemicals to the environment in ZIP Code 41339. A "release" of a chemical means that it is emitted to the air or water, placed in some type of land disposal, or transferred off-site for disposal or release.

**Total On-site Releases by Environmental Medium
ZIP Code 41339, 2003 - 2018**

No Data Reported

**Top Five Establishments by Total Disposal or Other Releases
ZIP Code 41339, 2018**

No Data Reported

Top Five Chemicals Released to Air and Water
ZIP Code 41339, 2018

No Releases to Air
Reported

No Releases to Water
Reported

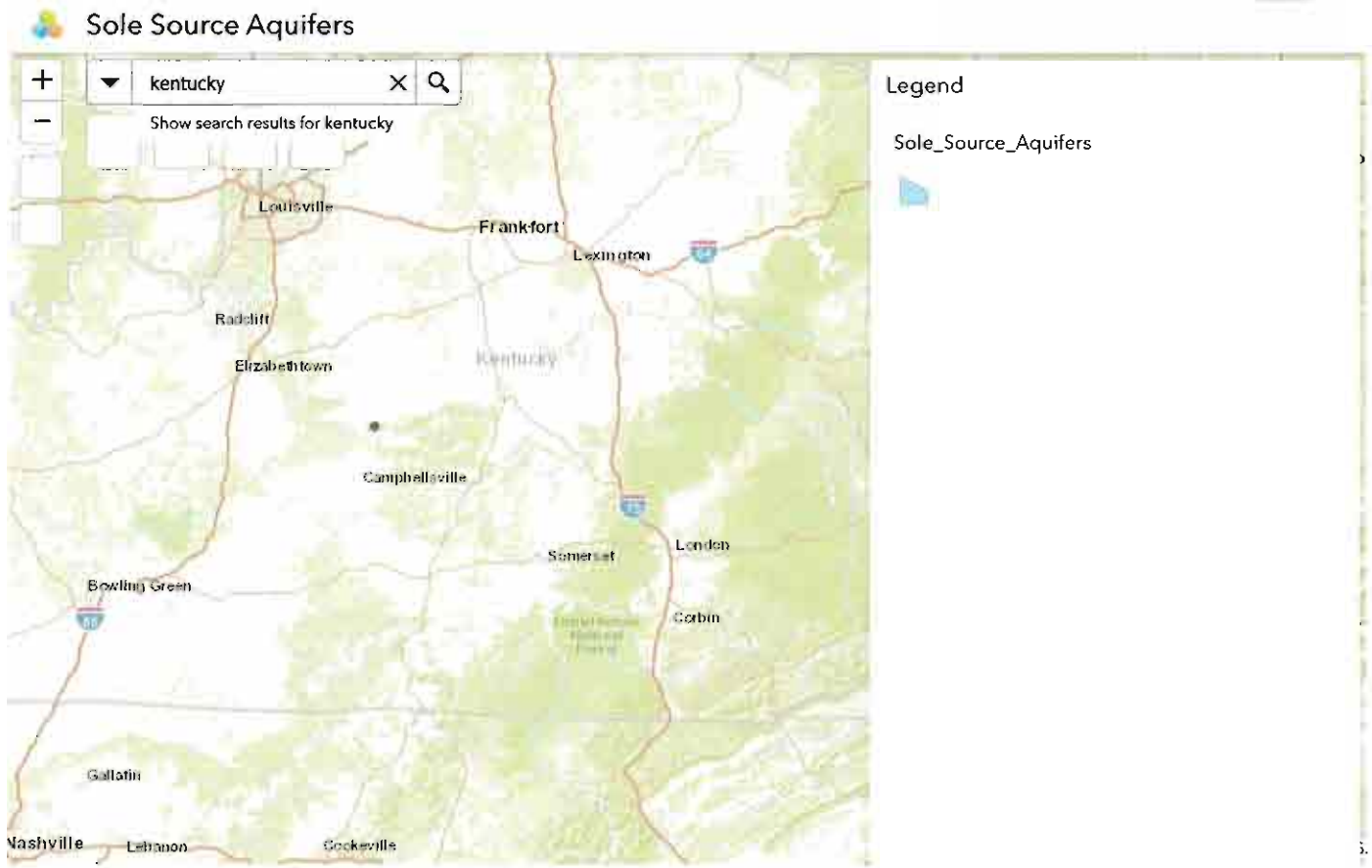
Note: ** = Carcinogenic Chemical

Note: Trend graphs were created using the 2001 core chemicals/industries list.

-
- [Download basic TRI data file](#)
 - [Download the TRI Geo-Specific Tables \(Comma-Separated Value files\)](#)
-

Exhibit 11

Sole Source Aquifer Data



30mi
-82.516 38.107 Degrees

Exhibit 12

Division of Waste Management Correspondence

Kentucky River Area Development District
Jackson Waterline Replacement Phase I Project
City of Jackson
Breathitt County, Kentucky

UST Branch records indicate the following underground storage tank site issues identified within the project impact area:

Active Sites:

Breathitt Co Board Of Education Bus Garage

MASTER AI ID: 56812

LONGITUDE: -83.382778

LATITUDE: 37.556083

Closed Sites:

Tevis & Dana Cole Property

MASTER AI ID: 56740

LONGITUDE: -83.386809

LATITUDE: 37.55424

Turners Taxi Service

MASTER AI ID: 56742

LONGITUDE: -83.38494299999999

LATITUDE: 37.55242

R & J Repair Old

MASTER AI ID: 56808

LONGITUDE: -83.379578

LATITUDE: 37.555727999999995

Johnsons Minit Mart

MASTER AI ID: 57473

LONGITUDE: -83.383059

LATITUDE: 37.551497999999995

School Bus Garage

MASTER AI ID: 67108

LONGITUDE: -83.38429

LATITUDE: 37.553756

Texaco Building

MASTER AI ID: 69592

LONGITUDE: -83.38465099999999

LATITUDE: 37.552322

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 no superfund site issues identified within the project impact area. 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.

Jennifer McIntosh

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Monday, May 18, 2020 2:10 PM
To: jennifer@kradd.org
Subject: FW: Jackson Waterline Replacement Phase I Project
Attachments: Response DWM.docx

Is this all you need for this one?

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Poore, John (EEC)
Sent: Monday, May 18, 2020 1:48 PM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: RE: Jackson Waterline Replacement Phase I Project

Louanna:

Attached are the comments from DWM on the above referenced project. Let me know if you have any questions or need any additional information. Thanks!

John

From: Aldridge, Louanna C (EEC)
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: FW: Jackson Waterline Replacement Phase I Project

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Please respond based on comments below.

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM

To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>

Subject: Jackson Waterline Replacement Phase I Project

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

Kentucky River Area Development District

941 North Main Street

Hazard, KY 41701

Phone: 606-436-3158

Fax: 606-436-2144

Website: www.kradd.org

<https://www.facebook.com/KentuckyRiverADD/>

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

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson Waterline Replacement Phase I Project
Attachments: Scoping letter Dept Environmental protection.docx; ER Maps.pdf

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You.

Jennifer McIntosh
Water & Wastewater Planner
Kentucky River Area Development District
941 North Main Street
Hazard, KY 41701
Phone: 606-436-3158
Fax: 606-436-2144
Website: www.kradd.org
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Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties



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.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
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James W. Craft - Whitesburg
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Ernest Back - Vicco
Donald "Happy" Moberlini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

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Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall Jack
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)

May 13, 2020

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

RE: Jackson Waterline Replacement Phase I Project

Dear Louanna:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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

Sincerely,

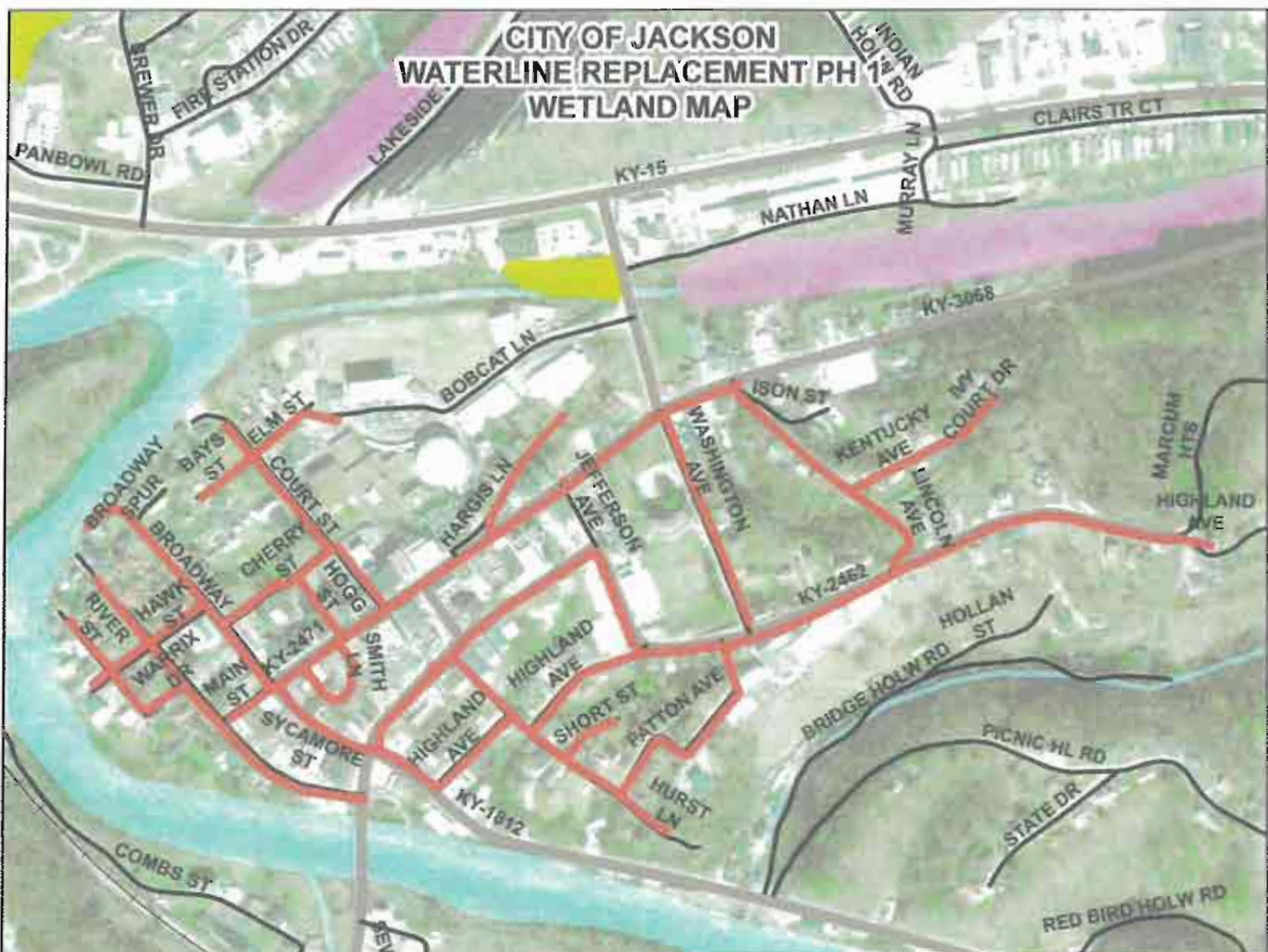
Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- + + Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



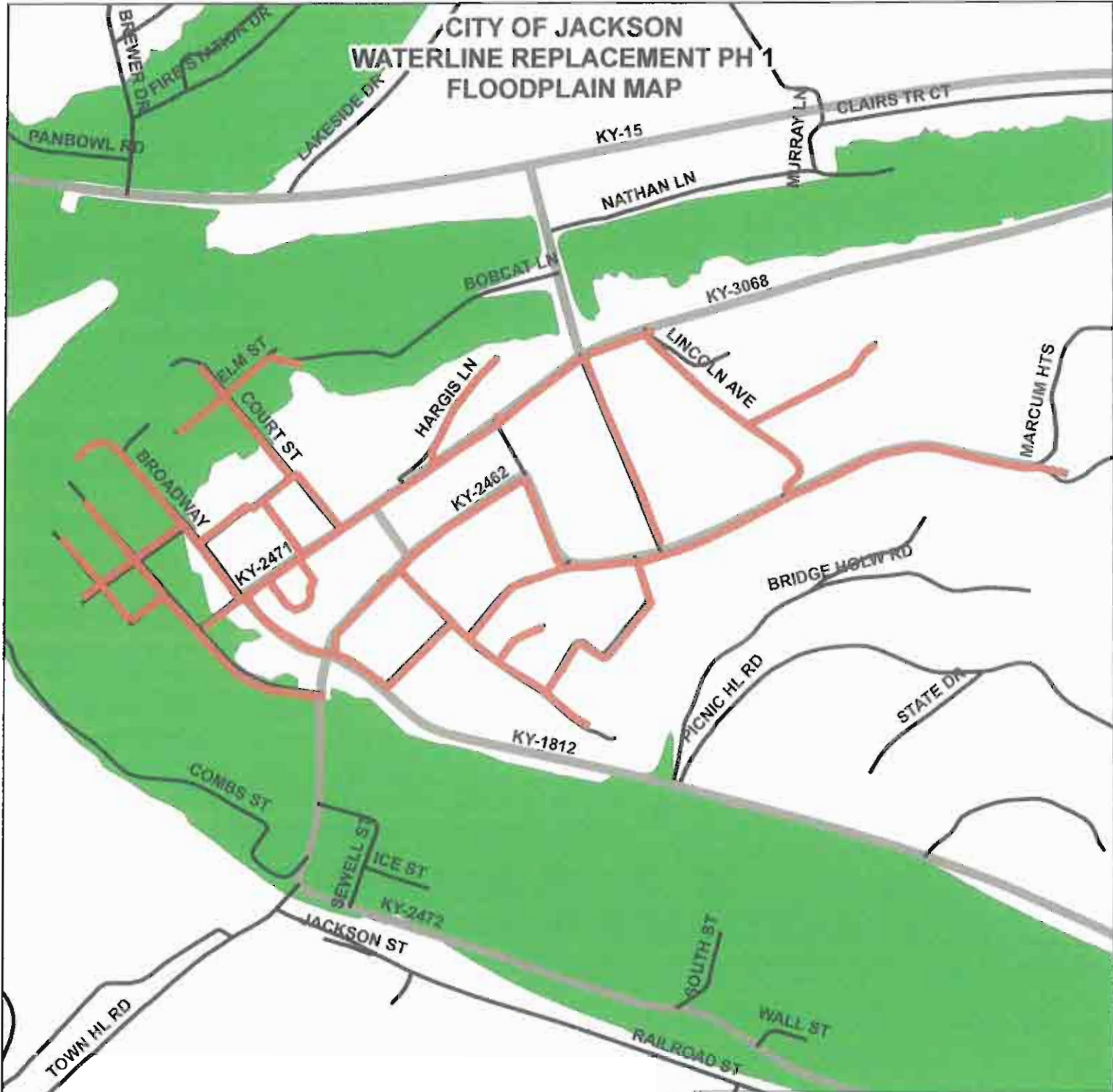
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 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



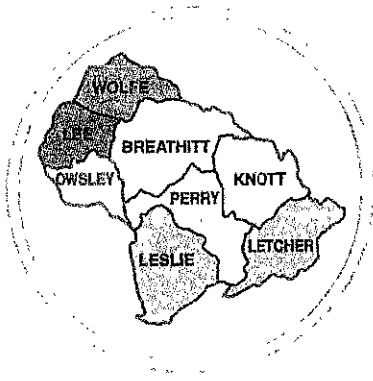
NOTES:
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 No property to be acquired in this project.
 There are no identified drainage problem areas.
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 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMÁ DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 13

FEMA Correspondence



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

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

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

RE: Jackson Waterline Replacement Phase I

Dear Sir or Madam:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land

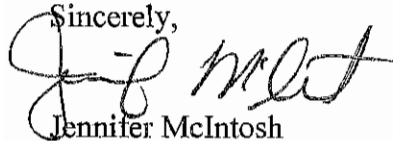
will be impacted by this project.

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 The City of Jackson located in Breathitt County or the Commonwealth of Kentucky. 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.

Thank you, for your time and assistance.

Sincerely,

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

Jennifer McIntosh
Water & Wastewater Planner

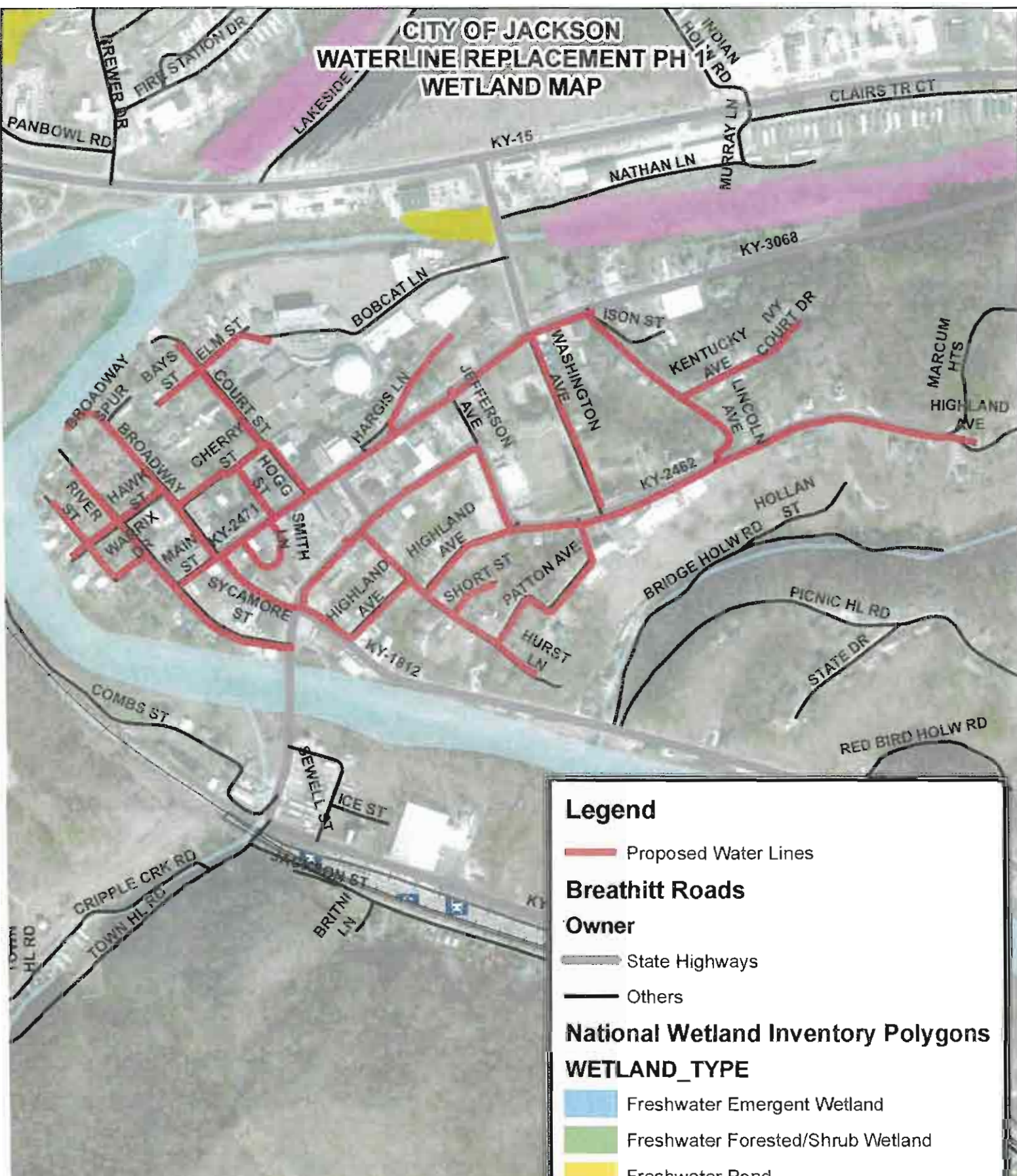
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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

Legend

- Proposed Water Lines

Breathitt Roads

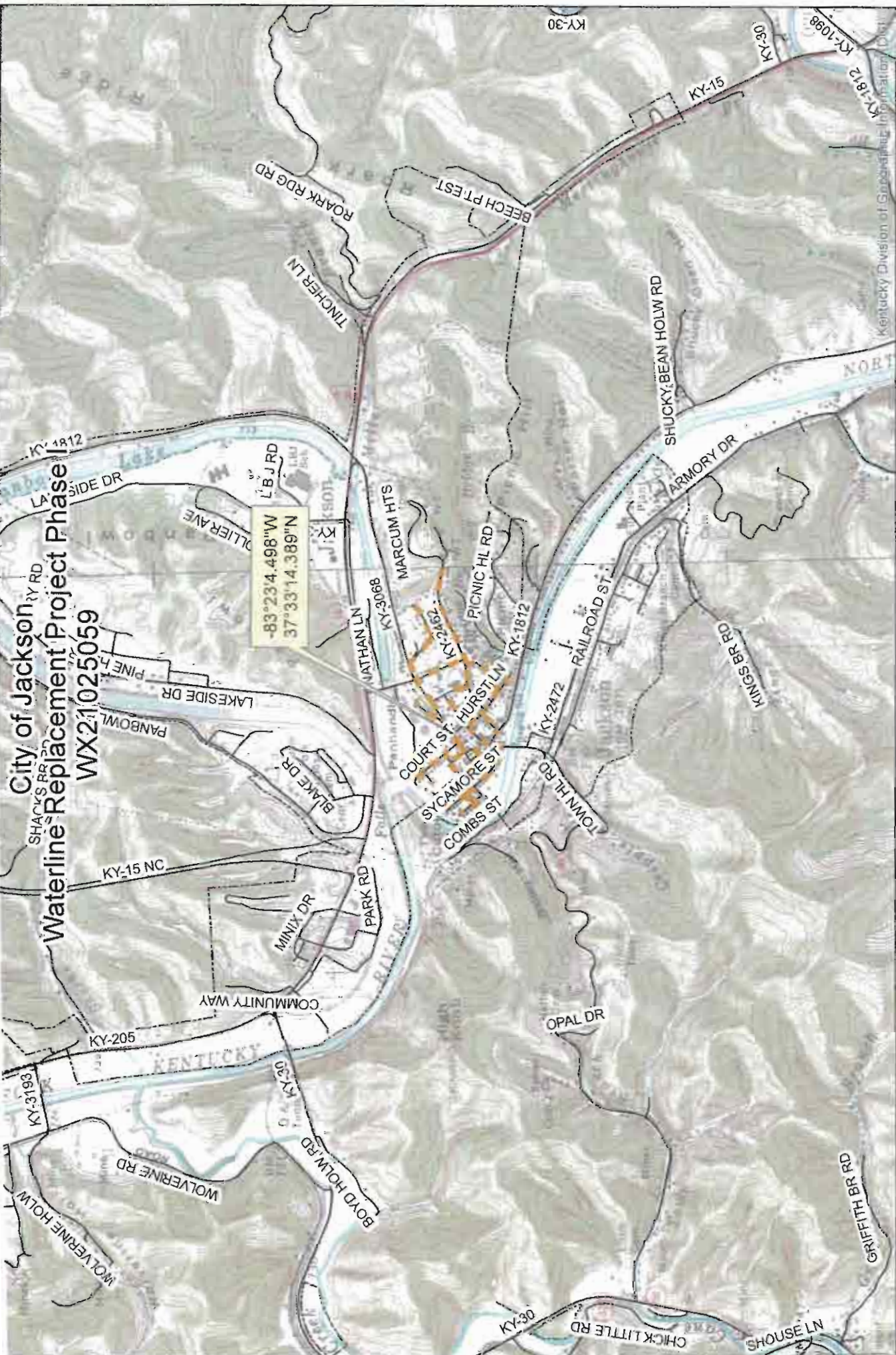
Owner

- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard



City of Jackson
Waterline Replacement Project Phase
WX21025059

Legend

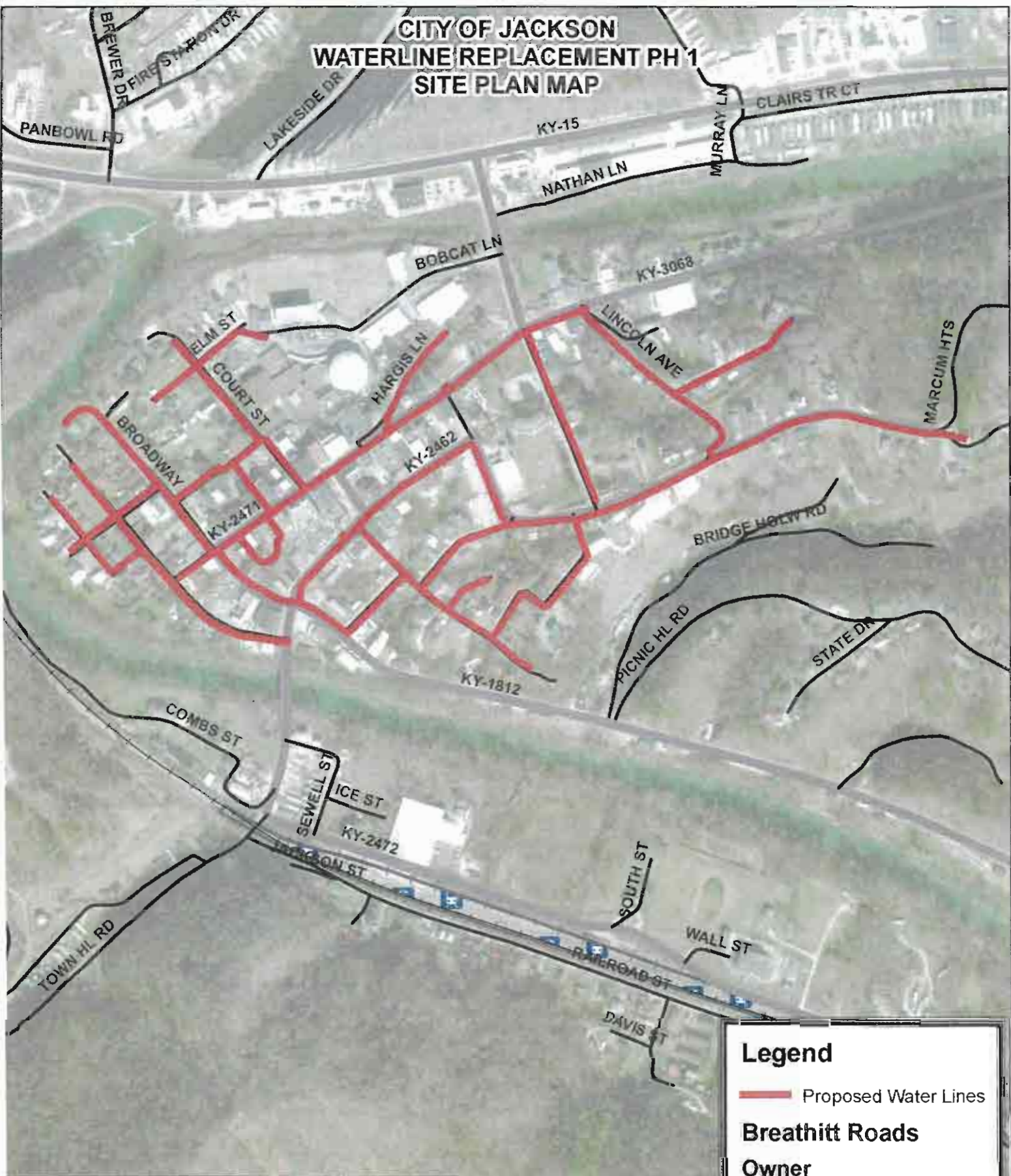
- Proposed Water Line
- City Boundary
- Braasim Roads
- County Boundary

Miles

Scale 1:24,000

Kentucky Division of Geospatial Information

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



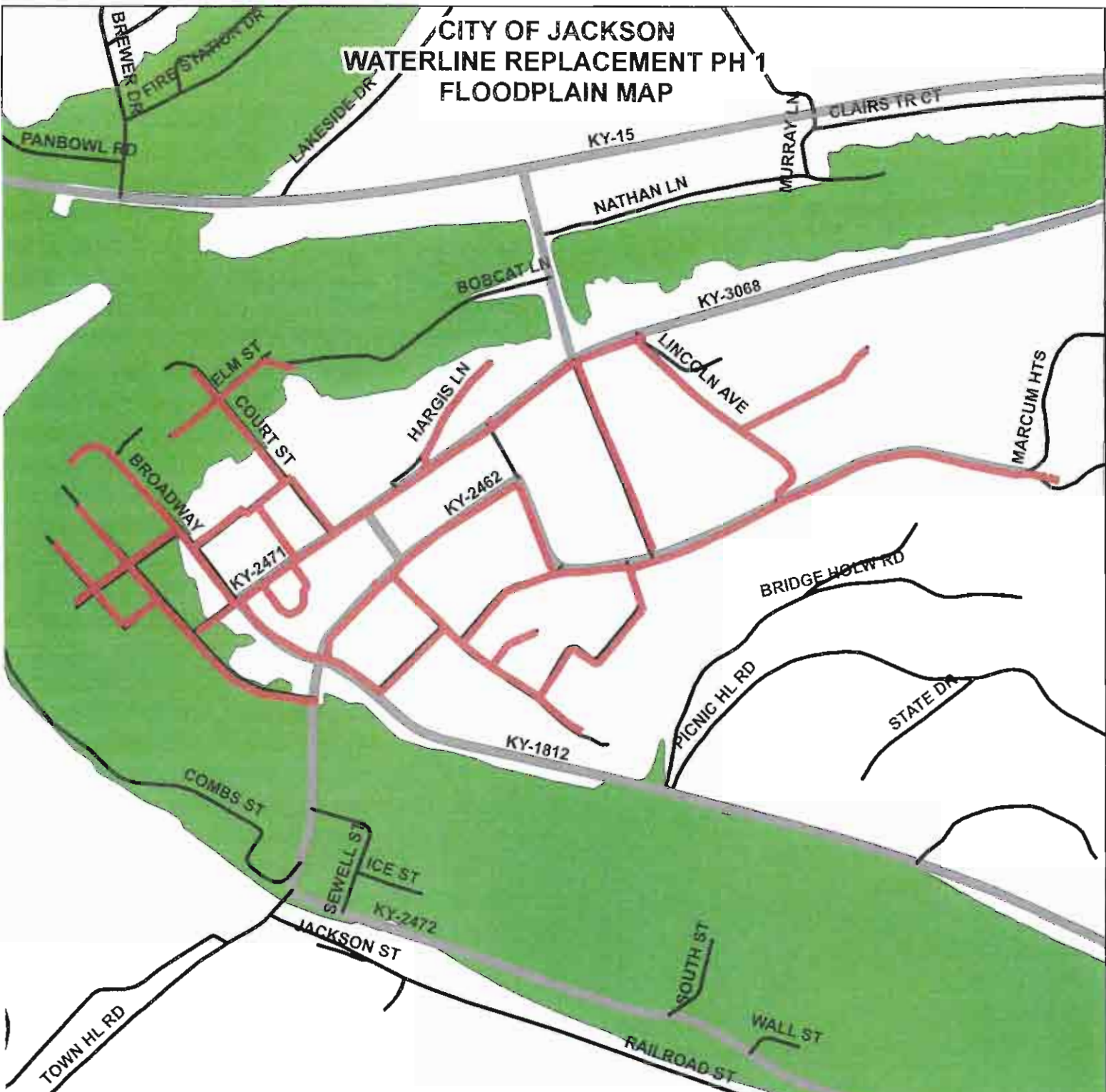
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 encompass all of what is considered the downtown area.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- | Active Railroad
- + Rail Switchyard

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

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



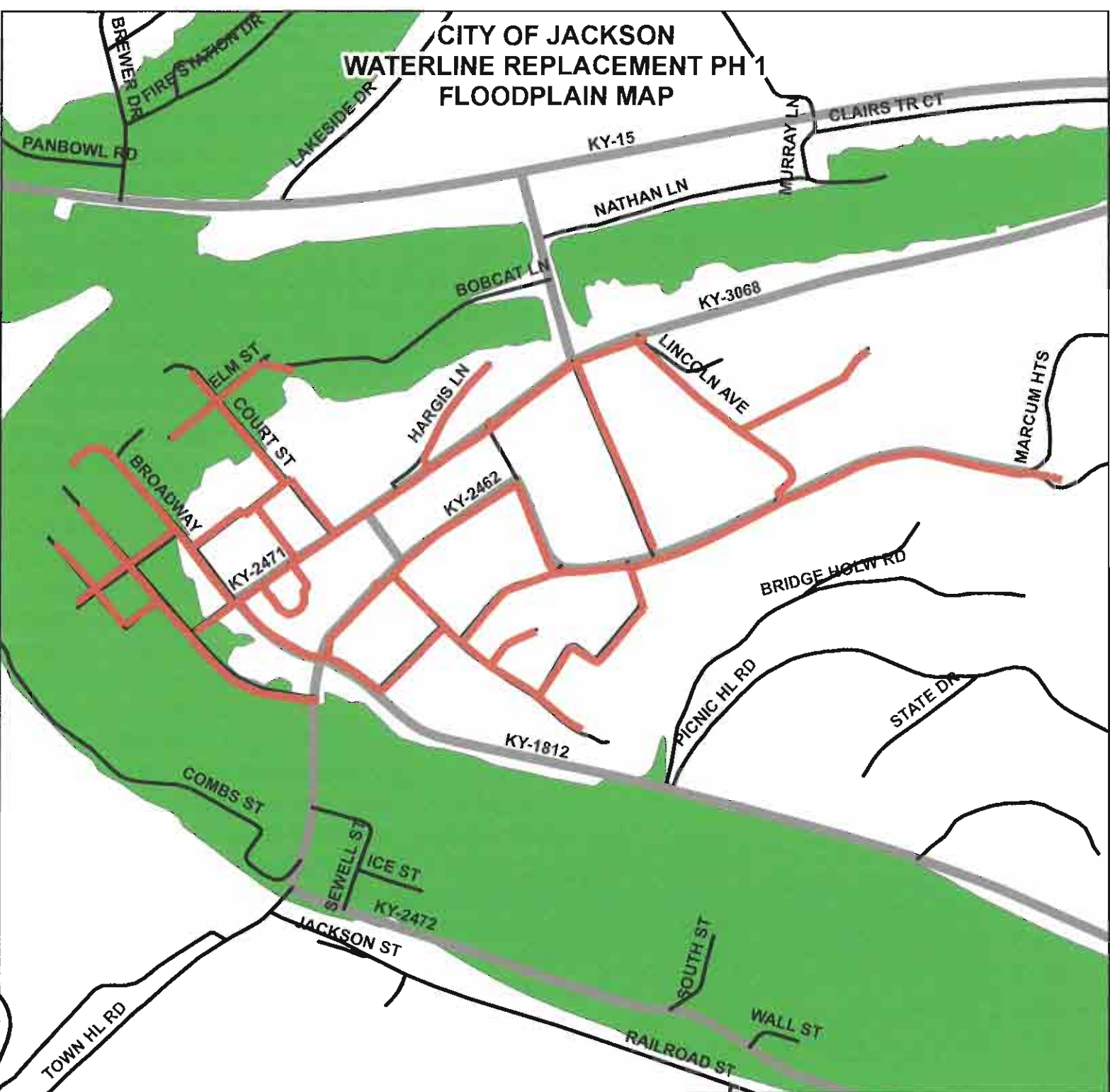
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 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Exhibit 14
Project Maps

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP

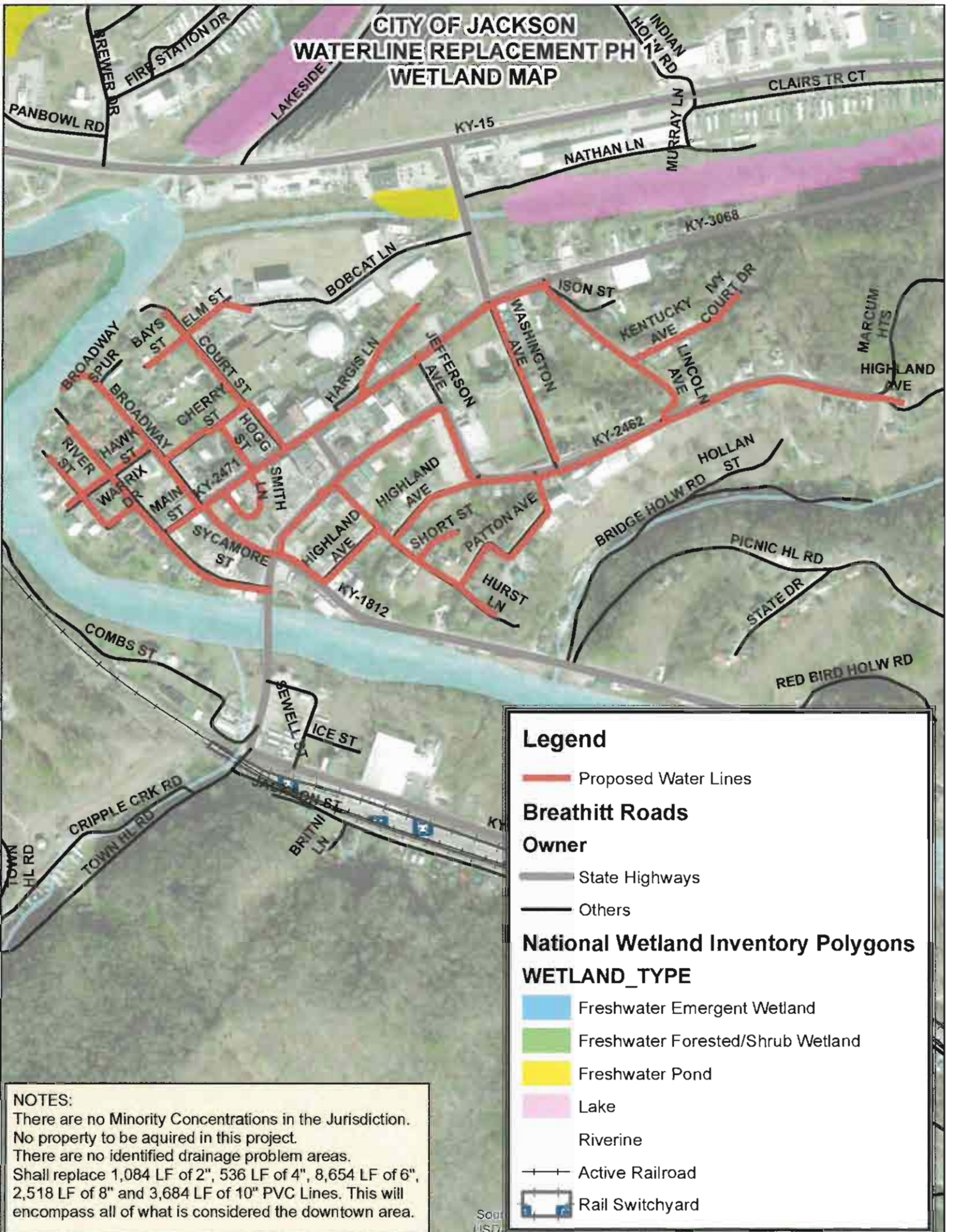


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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

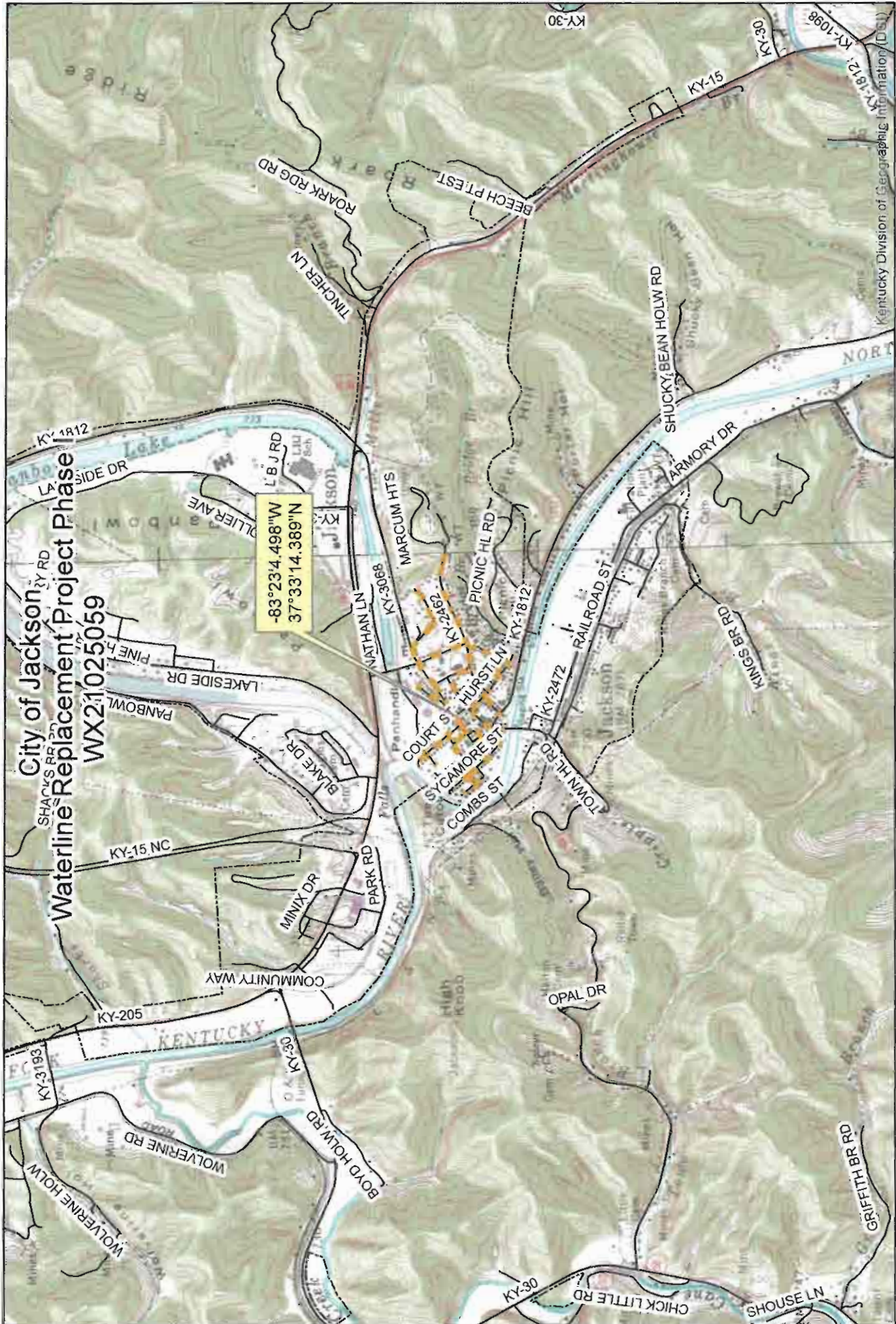
CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- National Wetland Inventory Polygons**
- WETLAND_TYPE**
- Freshwater Emergent Wetland
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 encompass all of what is considered the downtown area.



City of Jackson
Waterline Replacement Project Phase
WX21025059

-83°23'14.498"W
 37°33'14.389"N

- Legend**
- Proposed Water Line
 - Breathitt Roads
 - City Boundary
 - County Boundary



Scale 1:24,000

Kentucky Division of Geographic Information (DGI)

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



NOTES:
 There are no Minority Concentrations in the Jurisdiction.
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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

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

Exhibit 15
Scoping Letters



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

April 1, 2020

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

RE: Jackson Waterline Replacement Project Phase I

Dear Mr. Potts:

The City of Jackson is in the process of conducting an environmental review pursuant to the State Environmental Review Process for the Community Development Block Grant and Appalachian Regional Commission programs. The purpose of the review is to assess the environmental impacts of the Jackson Waterline Replacement Project Phase I in Jackson, Breathitt 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 to previously disturbed right-of-way or existing easements. 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
Water & Wastewater Planner

enclosures
CC: City of Jackson/file
Matt Steen, Nesbitt Engineering

CHAIRMAN
Pam Pilgrim
VICE-CHAIRMAN
Tracy Neice
Mayor
TREASURER
Terry Adams
Judge/Executive
SECRETARY
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Everett Marshall
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Dale Bishop
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Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director
Michelle Allen

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

KENTUCKY 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: City of Jackson	
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: Jackson Waterline Replacement Project phase I	

SECTION 2: AGENCY INFORMATION

Funding/Permitting Agency: CDBG & ARC	
Agency Contact Person (name & position): Jeff Hanna, Department for Local Government	
Telephone: 502-892-3447	E-mail: jeff.hanna@ky.gov

SECTION 3: PROJECT LOCATION

E911 Street Address (or other description): Various streets, Downtown Jackson	
City/Township: Jackson	County: Breathitt
Latitude: 37°33'12.797"N	Longitude: -83°23'1.522"W

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 #: 50855504	OSA Preliminary Site Check #: P258274
--	---------------------------------------

If your project involves ground disturbance, has the site been previously disturbed?
 Yes (describe in detail below) No
 The project is located in downtown Jackson on previously disturbed right-of-ways and easements.

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.**

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 #: 508555504

Date: 3/26/2020

KHC Historic Resources

Name	Location	Est. Construction	Architectural Style	NR Status
HOTEL JEFFERSON	1119 MAIN	1900-1924	CLASSICAL REVIVAL	N/R DISTRICT CONTRL. SITE
GUERRANT MEMORIAL PRESBYTERIAN CHURCH	S MAIN	1900-1924	CLASSICAL REVIVAL	N/R DISTRICT CONTRL. SITE
JACKSON POST OFFICE	377 BROADWAY	1900-1924	VERNACULAR-20TH CENT.	NATIONAL REGISTER
KASH BLDG	367 BROADWAY	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTRL. SITE

Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the SHPO and a Federal agency, but for which the determination field has not yet been updated.

Name	Location	Est. Construction	Architectural Style	NR Status
TERRY BLDG	1108 MAIN 1112	THRU 1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTR. SITE
REDWINE BLDG	1114 MAIN	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTR. SITE
HOGG BLDG	1118 MAIN	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTR. SITE
JACKSON DEPOSIT BANK	413 COURT	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTR. SITE
CRAWFORD & CO.	1125 MAIN	1875-1899	COMMERCIAL- VICTORIAN	N/R DISTRICT CONTR. SITE
FIRST BAPTIST CHURCH	MAIN BROADWAY	AT 1900-1924	LATE GOTHIC REVIVAL	N/R DISTRICT CONTR. SITE
REDWINE BLDG	359 BROADWAY THRU 365	1900-1924	COMMERCIAL-TOC	N/R DISTRICT CONTR. SITE
CRAIN'S WHOLESALE & RETAIL STORE	COLLEGE BROADWAY	AT 1900-1924	COMMERCIAL-TOC	NATIONAL REGISTER
STACEY HOTEL	BROADWAY COLLEGE	AT 1900-1924	VERNACULAR-20TH CENT.	NATIONAL REGISTER
METHODIST EPISCOPAL CHURCH SOUTH	1022 COLLEGE	1900-1924	CLASSICAL REVIVAL	NATIONAL REGISTER
BREATHITT COUNTY	1027 COLLEGE	1925-1949	CLASSICAL REVIVAL	NATIONAL REGISTER

Page 2 of 3

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Name	Location	Est. Construction	Architectural Style	NR Status
JAIL				
LEES JR COLLEGE ADMINISTRATION BLDG	601 JEFFERSON	1875-1899	RICHARDSONIAN ROMANESQUE	UNDETERMINED

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Kentucky Heritage Council

Site Identification Program

410 High Street, Frankfort, KY 40601

Confidential Information Not for Public Release

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KHC Preliminary Request #: 50855504

Date: 3/26/2020

KHC National Register Districts

DISTRICT NAME

JACKSON COMMERCIAL DISTRICT

Page 1 of 1

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Kentucky Office of State Archaeology
University of Kentucky, 1020A Export Street, Lexington, KY 40506
Phone:859-257-1944 Fax:859-323-9866 email:ky-osa@uky.edu

Confidential Information
Not for Public Release

Preliminary Records Review Coversheet

Date Request Processed: 3/23/2020

Preliminary Review Number: P258274

Paid via: Check (Check No.:)

Credit Card (Transaction ID: 1464442176)

If you have any questions, please contact KyOSA at (859)257-1944 or ky-osa@uky.edu.

Kentucky Office of State Archaeology

University of Kentucky, 1020A Export Street, Lexington, KY 40506

Phone:859-257-1944 Fax:859-323-9866 email:ky-osa@uky.edu

Confidential Information

Not for Public Release

P258274

City of Jackson Waterline Replacement Phase I

Review Performed On: 3/23/2020

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.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

Jackson Waterline Replacement Project Phase I



Bays Street



Bobcat Lane



Jackson Waterline Replacement Project Phase I

Broadway



Broadway (cont.)



Broadway (cont.)



Cherry Street



Jackson Waterline Replacement Project Phase I

Cherry Street (cont.)



Court Street



Court Street (cont.)



Elm Street

Hawk Street



Hargis



Hargis (cont.)



Highland Avenue



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Highland Avenue (cont.)



Hogg Street

Jackson Waterline Replacement Project Phase I

Hurst Lane



Ison Street



Jefferson Avenue



Kentucky Avenue

Jackson Waterline Replacement Project Phase I

Lincoln Avenue



Main Street



Main Street (cont.)



Main Street (cont.)



Main Street (cont.)



Jackson Waterline Replacement Project Phase I

Main Street (cont.)



Jackson Waterline Replacement Project Phase I

Main Street (cont.)



Patton Avenue



Jackson Waterline Replacement Project Phase I

Patton Avenue (cont.)



Quicksand Road



Quicksand Road (cont.)



River Street



Jackson Waterline Replacement Project Phase I



Short Street



Smith Lane

Sycamore Street



Sycamore Street (cont.)



Jackson Waterline Replacement Project Phase I

Warrix Drive



Washington Avenue



Washington Avenue (cont.)



Jackson Waterline Replacement Project Phase I

Washington Avenue (cont.)



Hotel Jefferson



Hotel Jefferson (cont.)



Guerrant Memorial Presbyterian Church



Jackson Post Office



Kash Building



Redwine and Terry Buildings



Redwine and Terry Buildings (cont.)



Hogg Building



Jackson deposit Bank and Crawford & Co were torn down to build the Judicial Center



First Baptist Church



Crain's Wholesale & Retail store burned. It is now the Jackson Fire Department Station 2



Stacey Hotel burned and is now a vacant lot.



Methodist Episcopal Church South



Breathitt County Jail



Lees JR College Administration Building

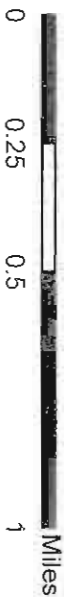


City of Jackson
 Waterline Replacement Project Phase 1
 WX21025059



Legend

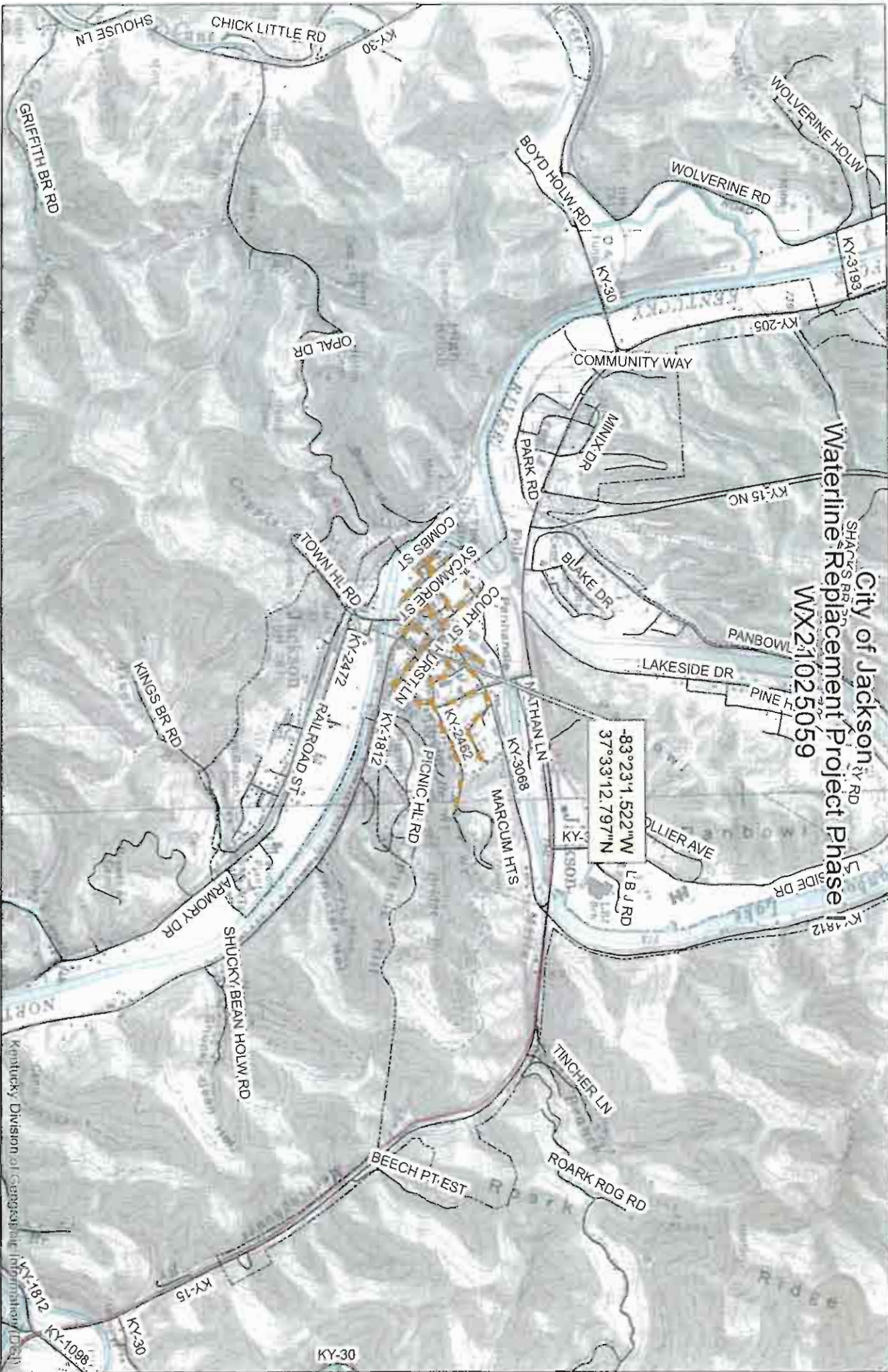
-  Proposed Water Line
-  Breastfill Roads
-  City Boundary
-  County Boundary

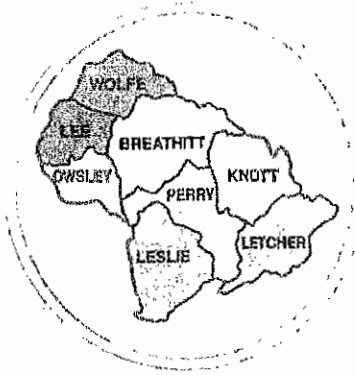


Scale 1:24,000

Legend

- Proposed Water Line
- Breathitt Roads
- City Boundary
- County Boundary





Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

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

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Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Cowsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.
Mayors
Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton
Citizen Members
Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Frod 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)

Russ Townsend
Eastern Band of Cherokee Indians
Tribal Historic Preservation Office
PO Box 455
Cherokee, NC 28719

RE: Jackson Waterline Replacement Phase I

Dear Russ:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

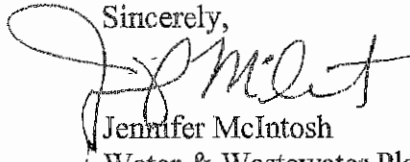
Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land

will be impacted by this project. Coordinates for this project are (center of downtown) -83°23'4.498"W; 37°33'14.389"N.

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. Thank you, for your time and assistance.

Sincerely,



Jennifer McIntosh
Water & Wastewater Planner

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Active Railroad

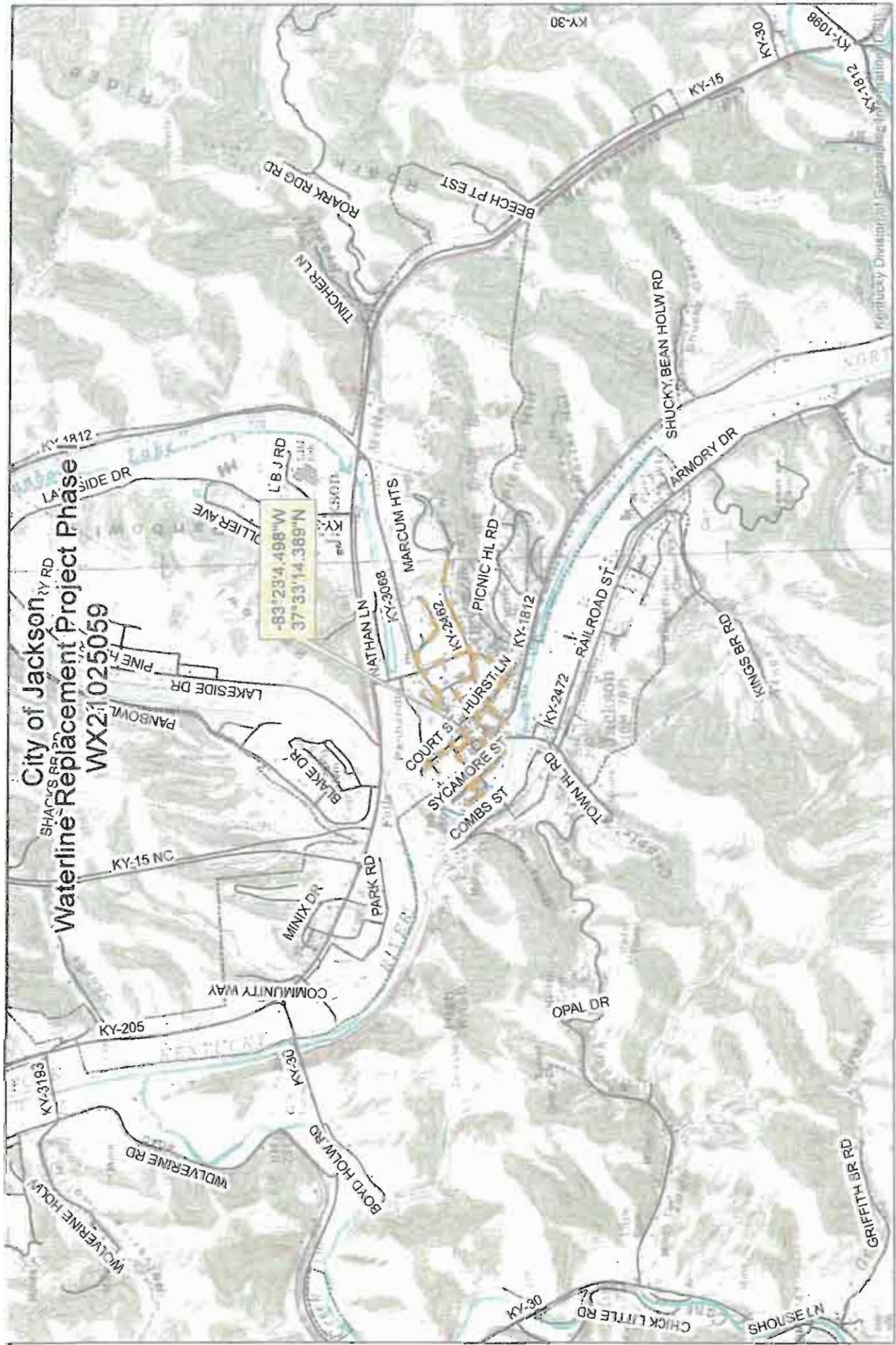
Rail Switchyard

NOTES:

There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

City of Jackson
Waterline Replacement Project Phase
WX21025059

-83°23'4.498"W
 37°33'14.389"N



Scale 1:24,000

Legend

-  Proposed Water Line
-  Existing Roads
-  City Boundary
-  County Boundary

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



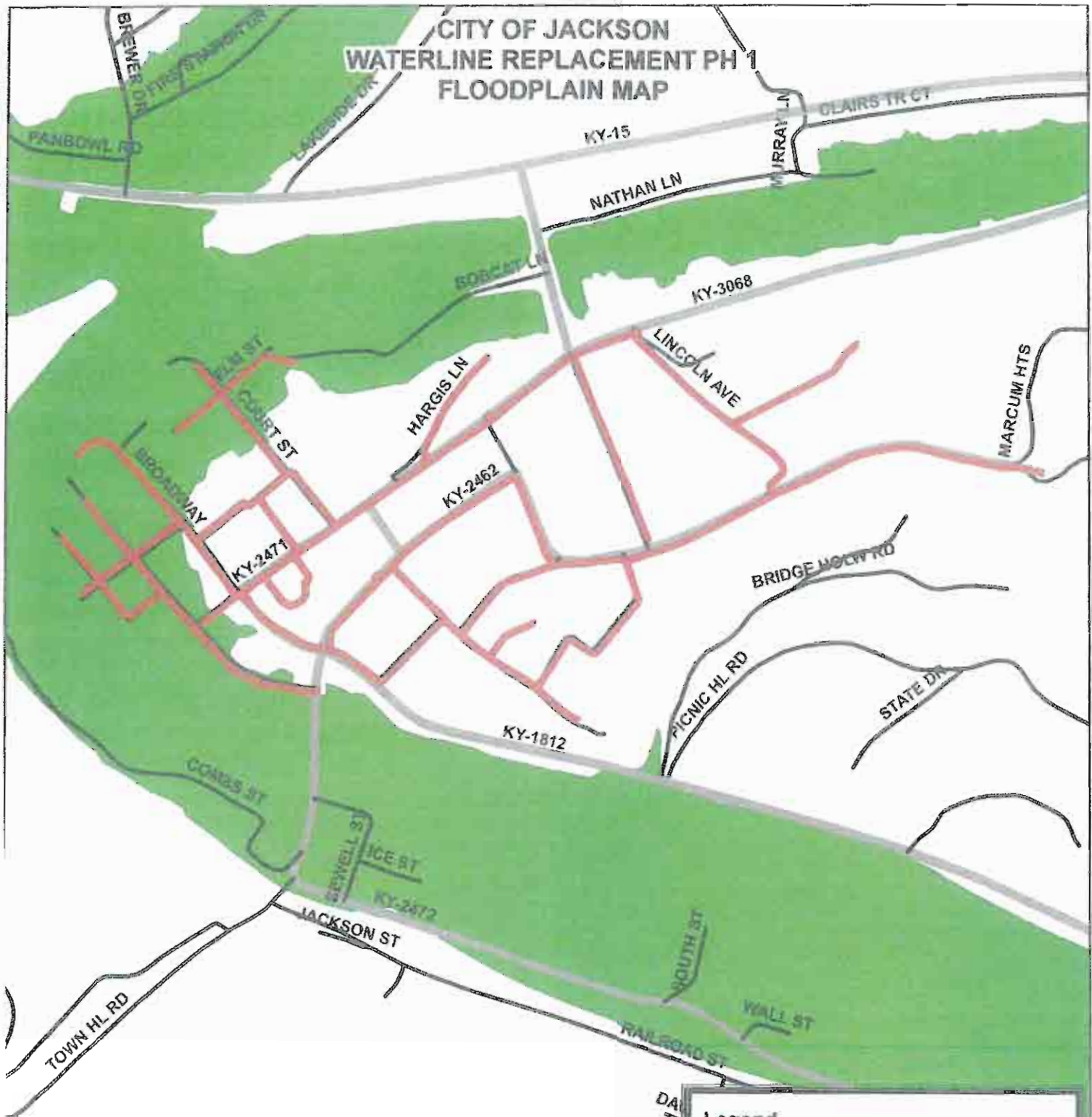
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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

Source: City of Jackson, Tennessee
 11/20/2011

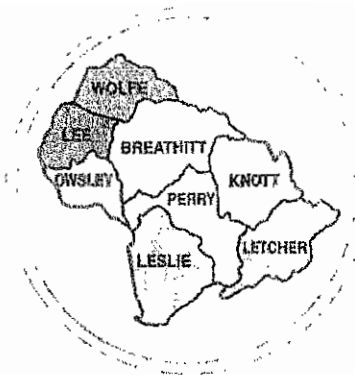
CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

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Pam Pilgrim

VICE-CHAIRMAN

Tracy Nelce

Mayor

TREASURER

Terry Adams

Judge/Executive

SECRETARY

Gregory Whitson

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- Carol Joseph - Hyden
- Susan Polis - Fleming-Neon
- James W. Craft - Whitesburg
- Todd DePriest - Jenkins
- Nelson Bobrowski - Booneville
- Ernest Back - Vicco
- Donald "Happy" Mobelini - Hazard
- Tom Burns - Buckhorn
- Kathi May - Campton

Citizen Members

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

Executive Director

Michelle Allen

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

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

RE: Jackson Waterline Replacement Phase I

Dear Mr. Branham:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

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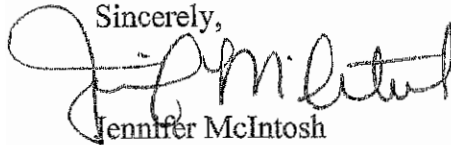
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The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer McIntosh". The signature is fluid and cursive, with a large initial "J" and "M".

Jennifer McIntosh
Water & Wastewater Planner

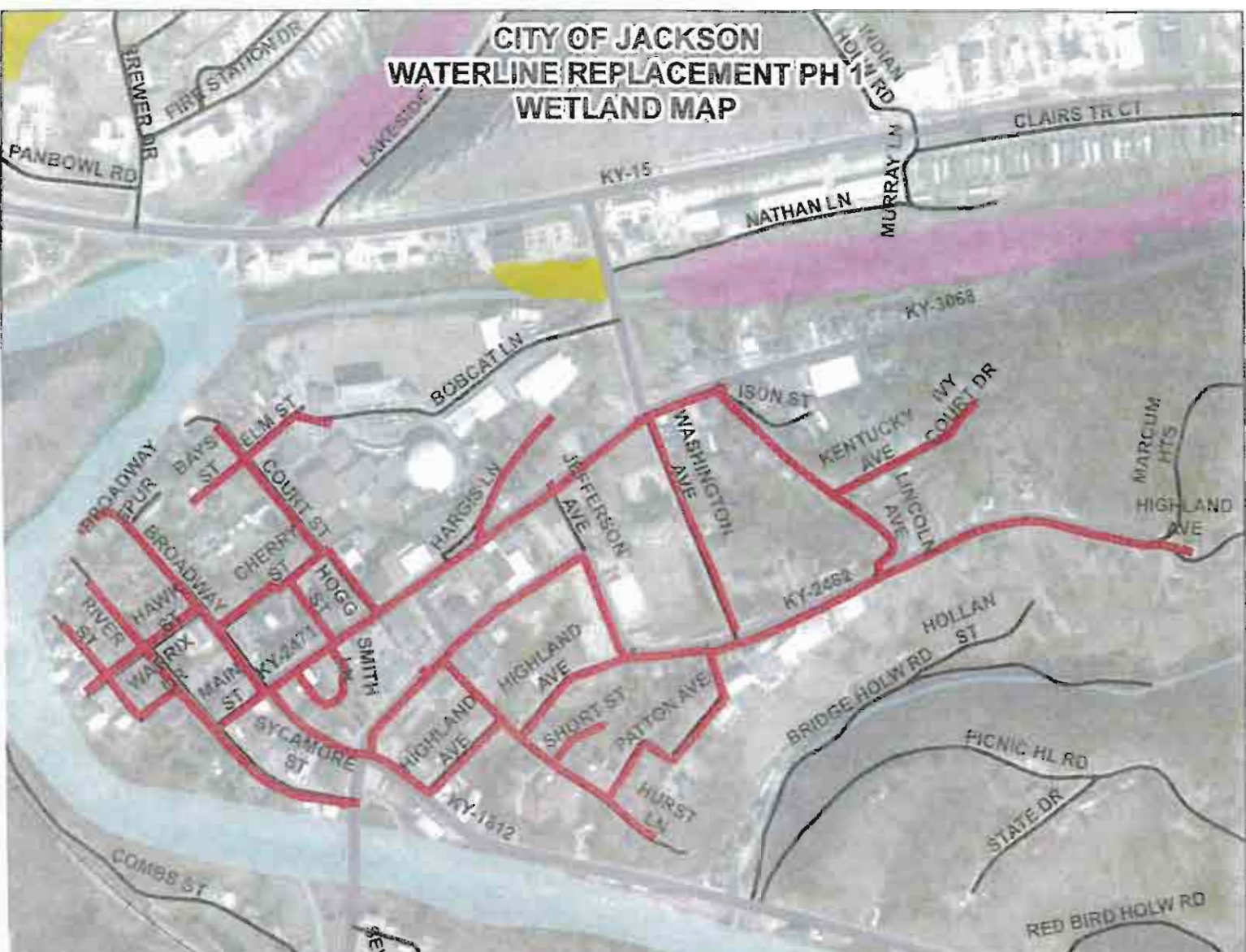
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CITY OF JACKSON WATERLINE REPLACEMENT PH I WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

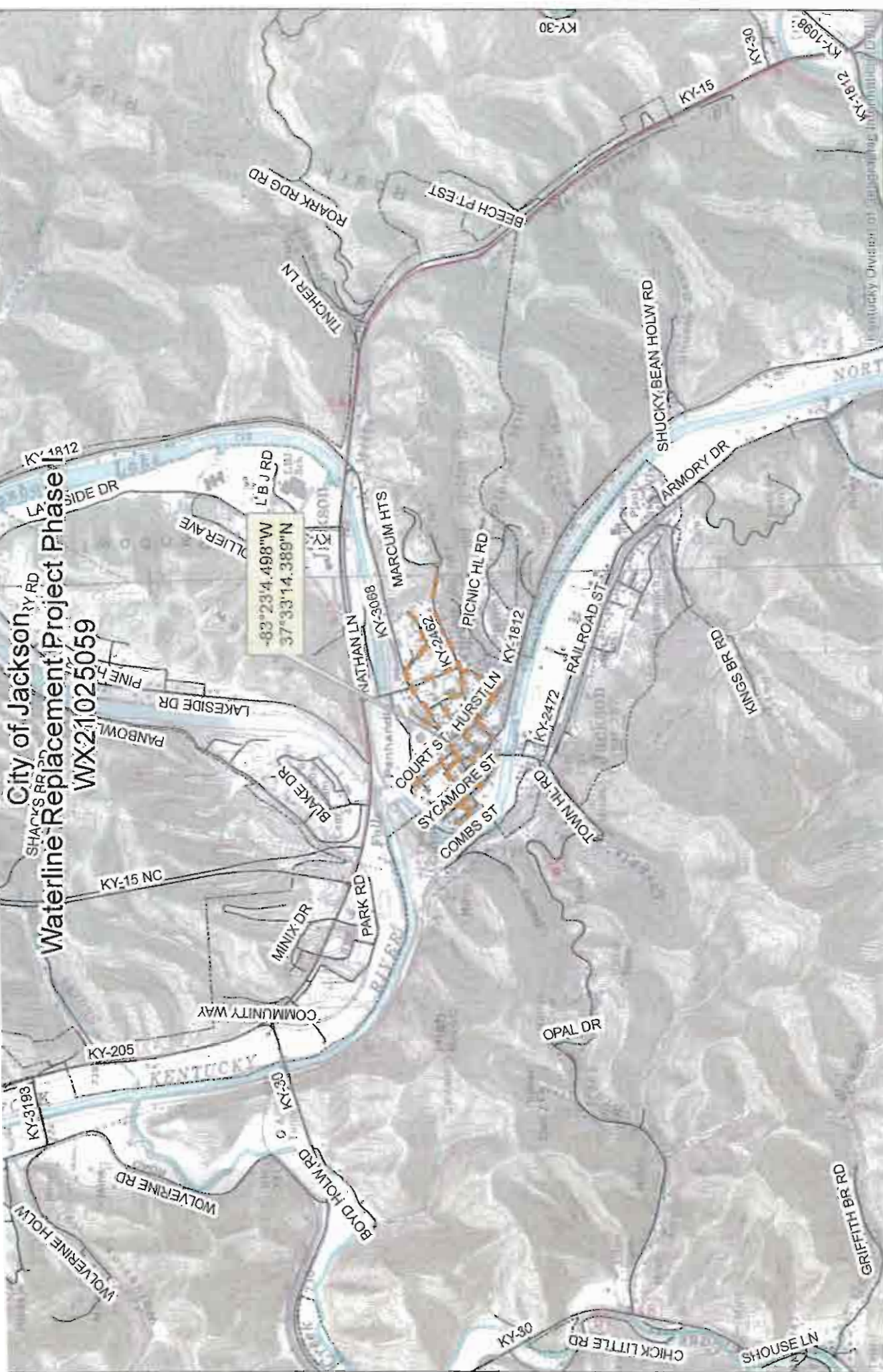
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
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City of Jackson
Waterline Replacement Project Phase I
WX21025059

-83°23'4.498"W
 37°33'14.389"N

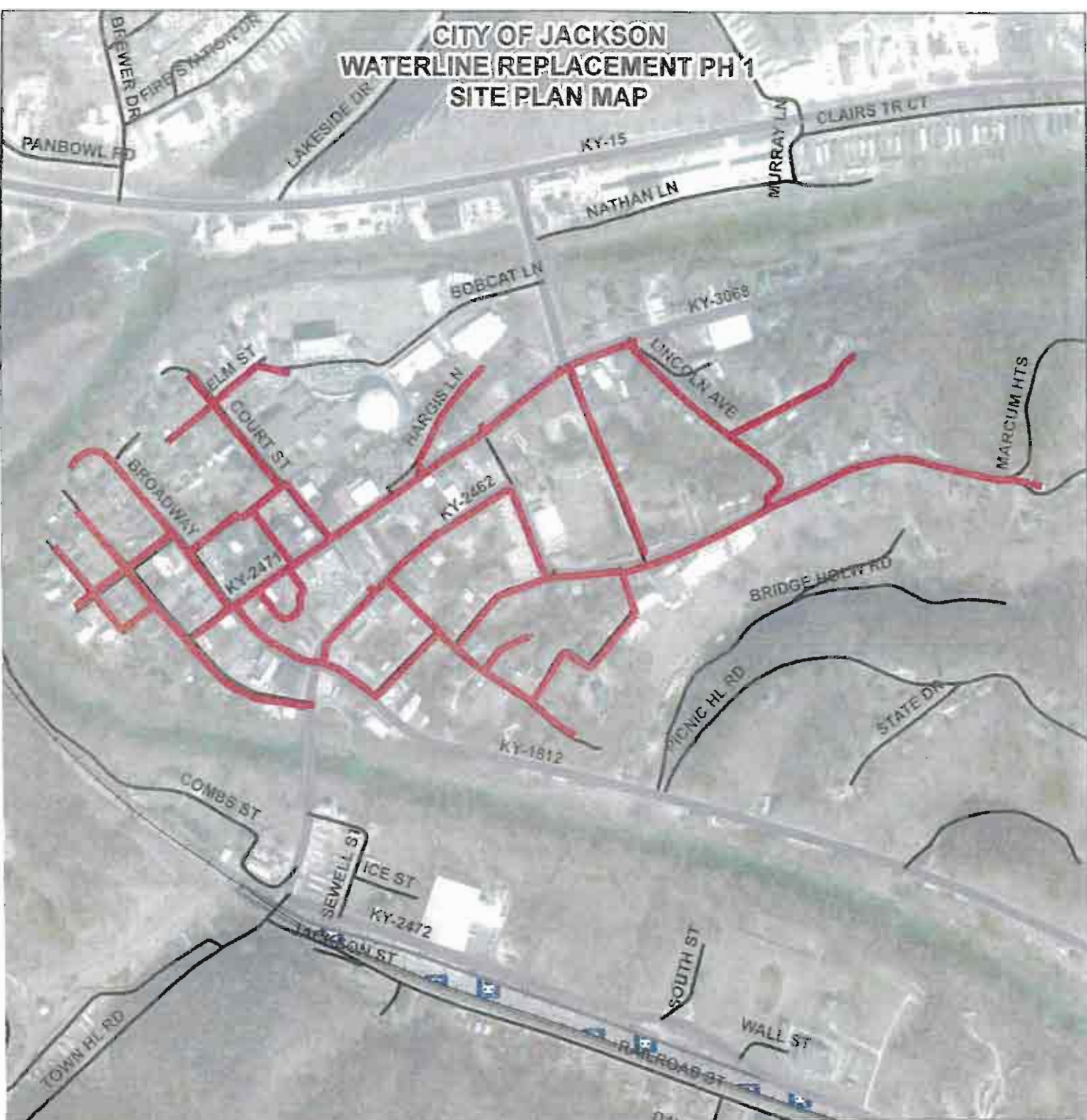
Legend

- Proposed Water Line
- Breathitt Roads
- City Boundary
- County Boundary

Scale 1:24,000

Miles

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

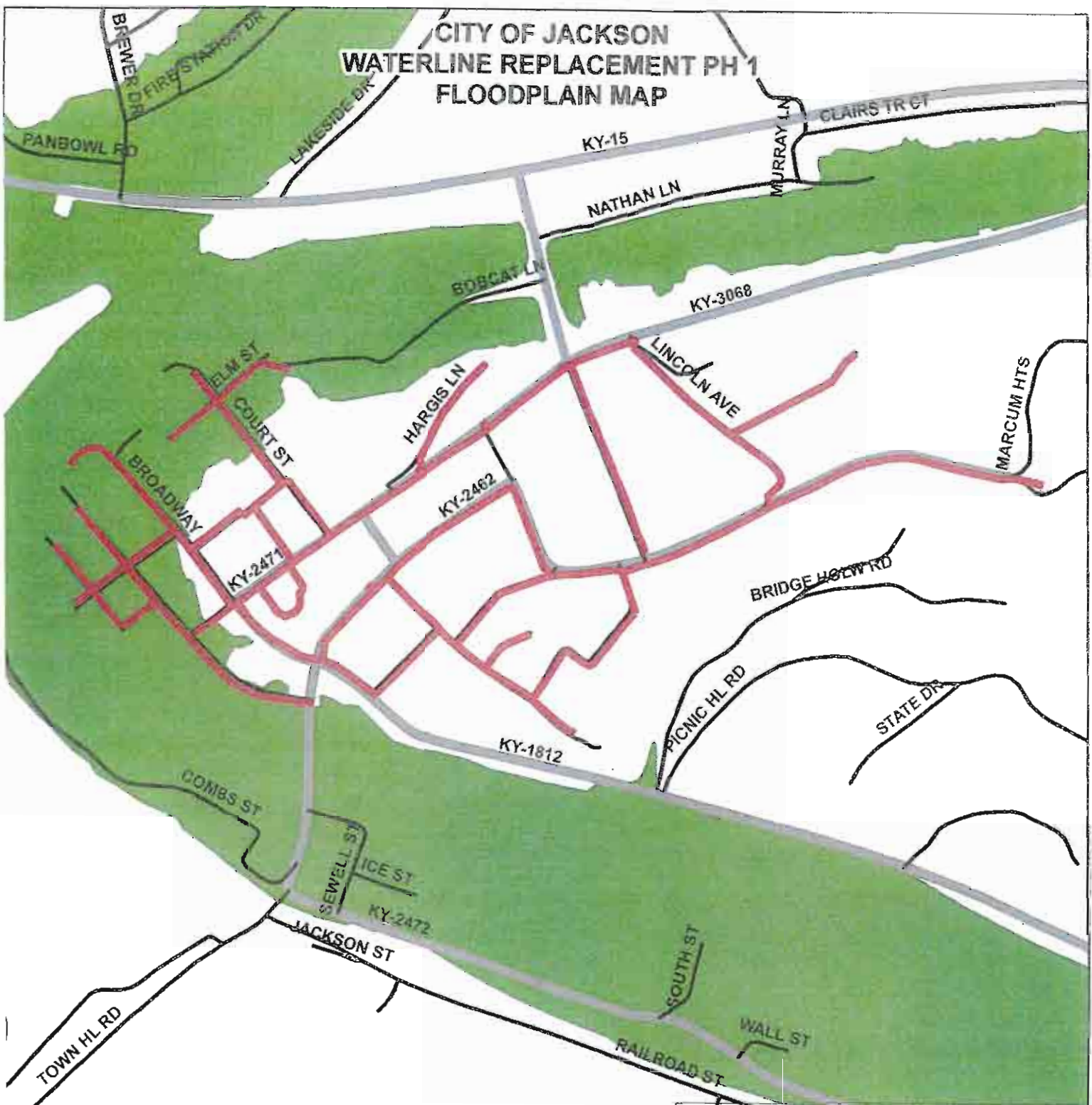
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Jennifer McIntosh

From: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>
Sent: Thursday, May 14, 2020 10:07 AM
To: Jennifer McIntosh
Subject: RE: Jackson Waterline Replacement Phase I Project

FYI - the contact has changed: Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

From: Murphy, Joel (EEC)
Sent: Thursday, May 14, 2020 10:04 AM
To: Jennifer McIntosh <jennifer@kradd.org>
Cc: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: RE: Jackson Waterline Replacement Phase I Project

See attached Clearinghouse letter. I've highlighted the Floodplain Section's comment.

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
Subject: FW: Jackson Waterline Replacement Phase I Project

Please respond based on comments below.

Louanna C. Aldridge
Staff Assistant
Office of the Commissioner
Department for Environmental Protection
Energy and Environment Cabinet
502-782-0863

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Subject: Jackson Waterline Replacement Phase I Project

Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid

waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

Jennifer McIntosh

Water & Wastewater Planner

Kentucky River Area Development District

941 North Main Street

Hazard, KY 41701

Phone: 606-436-3158

Fax: 606-436-2144

Website: www.kradd.org

<https://www.facebook.com/KentuckyRiverADD/>

Jennifer McIntosh

From: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>
Sent: Thursday, May 14, 2020 10:04 AM
To: Jennifer McIntosh
Cc: Aldridge, Louanna C (EEC); Poore, John (EEC)
Subject: RE: Jackson Waterline Replacement Phase I Project
Attachments: KY201906050844.pdf

See attached Clearinghouse letter. I've highlighted the Floodplain Section's comment.

From: Aldridge, Louanna C (EEC) <Louanna.Aldridge@ky.gov>
Sent: Wednesday, May 13, 2020 3:21 PM
To: Murphy, Joel (EEC) <Joel.Murphy@ky.gov>; Poore, John (EEC) <John.Poore@ky.gov>
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Please respond based on comments below.

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Water & Wastewater Planner

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Department for Environmental Protection
Louanna Aldridge

Joel Murphy - Endorse with Comments The proposed project is subject to Division of Water (DOW) jurisdiction because the following are or appear to be involved: water lines and appurtenances. Prior approval must be obtained from the DOW before construction can begin. The applicant must cite the State Application Identifier (SAI #KY201906050844) when submitting plans and specifications.

This project will replace the existing aging lines in the downtown area with new 2-inch, 4-inch, 6-inch, 8-inch and 10-inch PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Lane, Patton Avenue, Bobcat Lane, Quicksand Road, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

There are no objections to the proposed project. Plans and specifications along with hydraulic analysis (replacement of same size, length and pipe materials, only hydraulic calculation may be waived) of the proposed project 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, Engineering Section, (502) 782-7041, Abbas.Pourghasemi@ky.gov.

The system was lacking managerial and financial capacity as of the most recent Sanitary Survey (October 2017). This project will likely help decrease the high water loss and improve financial capacity. Recommendations listed within the Sanitary Survey results letter (dated January 17, 2018), which have not already been implemented, are still highly advised. Questions should be directed to Jennifer Taimi, Municipal Planning Section, (502) 782-7087, Jennifer.Taimi@ky.gov.

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.

This proposed project is within the Jackson Municipal Water Works designated Source Water Protection Area Zone 3. Questions should be directed to Chloe Brantley, Water Supply Section, (502) 782-6898, Chloe.Brantley@ky.gov.

Endorse. Questions should be directed to Daniel Fraley, Field Operations Branch, (606) 783-8655, Daniel.Fraley@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 Kurtis Spears, Groundwater Section, (502) 782-7119, Kurtis.Spears@ky.gov or David Jackson, Groundwater Section, (502) 782-6986, DavidA.Jackson@ky.gov.

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 Ron Dutta, Floodplain Management Section, (502) 782-6941, Ramendra.Dutta@ky.gov.



Kentucky River

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Bishop Derrick
Bowling Neil
Napier Gregory
Whitson
Merwether 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 13, 2020

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

RE: Jackson Waterline Replacement Phase I Project

Dear Louanna:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal.

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 13, 2020 9:09 AM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson Waterline Replacement Phase I Project
Attachments: Scoping letter Dept Environmental protection.docx; ER Maps.pdf

Ms. Aldridge,

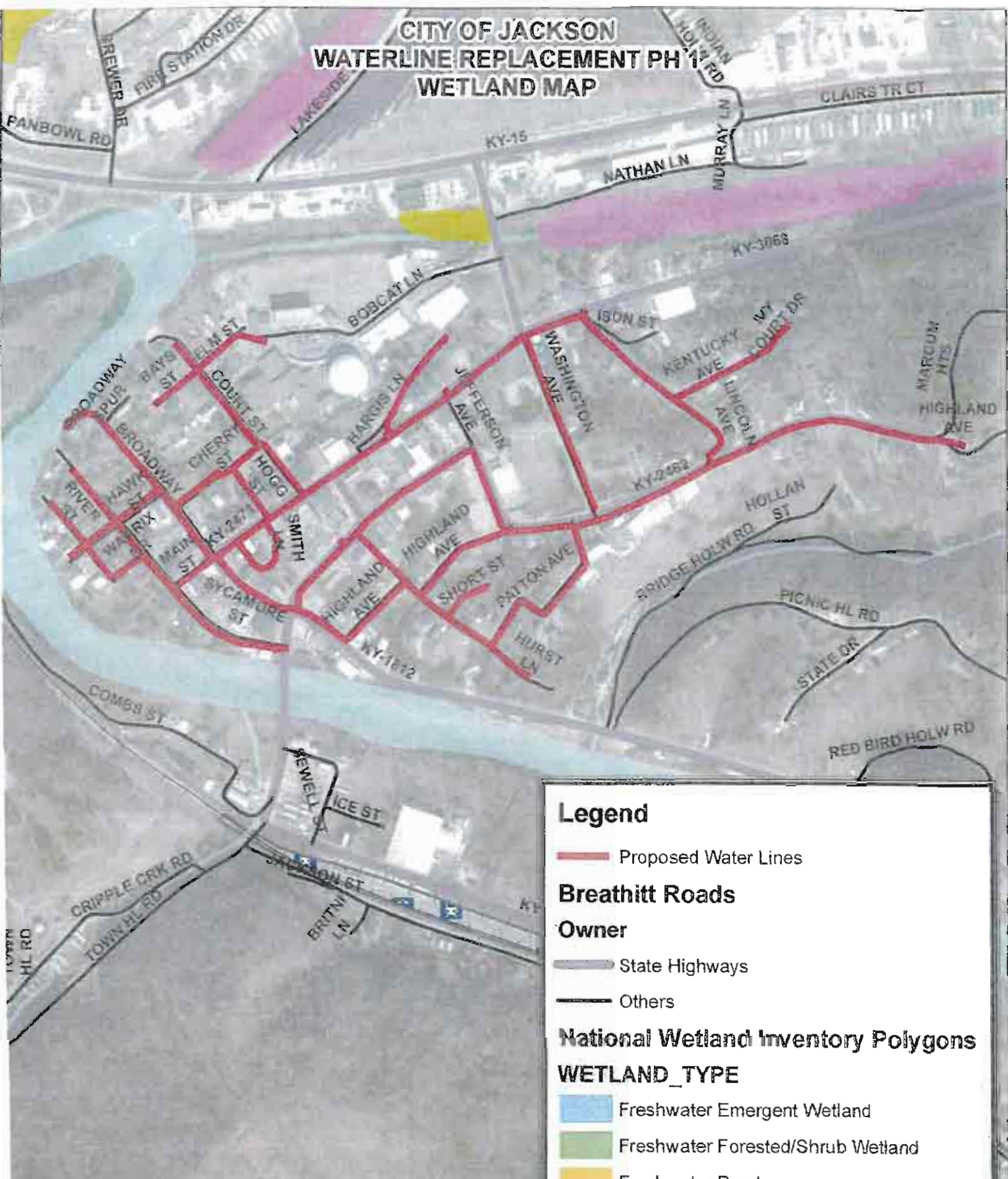
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Thank You,

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

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CITY OF JACKSON WATERLINE REPLACEMENT PH I WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

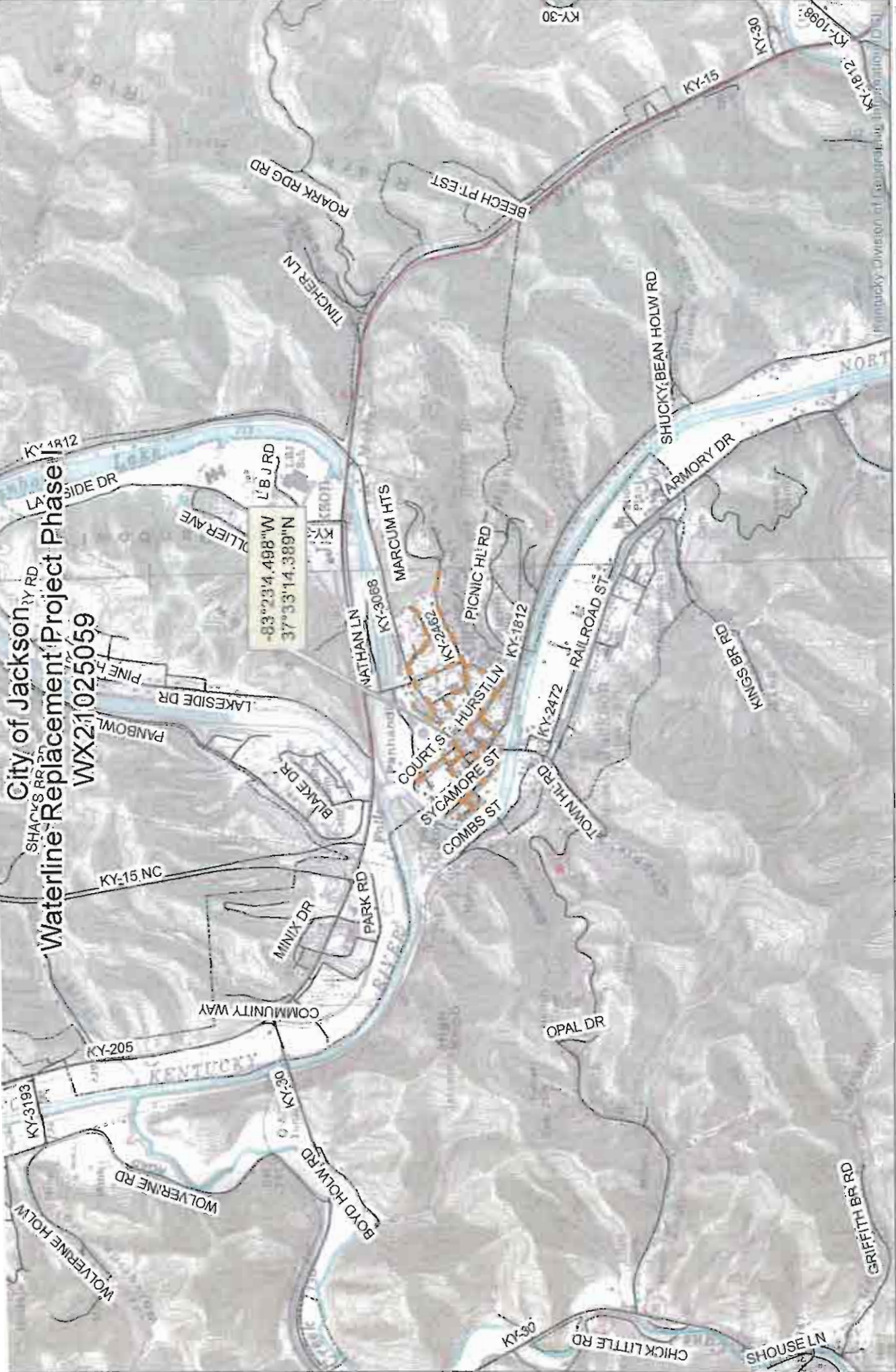
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace: 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.



City of Jackson
Waterline Replacement Project Phase 1
WX211025059

SHACKS RD
 KY-1812
 LAKE SIDE DR
 LAKER AVE
 LBJ RD
 PINE HILL DR
 PANBOWL DR
 LAKESIDE DR
 NATHAN LN
 KY-3068
 MARCUM HTS
 PICNIC HILL RD
 COURT ST
 HURST LN
 KY-1812
 SYCAMORE ST
 COMBS ST
 KY-2472
 RAILROAD ST
 TOWN HILL RD
 SHUCKY BEAN HOLW RD
 ARMORY DR
 KINGS BR RD
 KY-15 NC
 MINIX DR
 PARK RD
 COMMUNITY WAY
 KY-205
 KY-3193
 WOLVERINE RD
 BOYD HOLW RD
 KY-30
 OPAL DR
 KY-30
 CHICK LITTLE RD
 SHOUSE LN
 GRIFFITH BR RD

-83°23'4.498"W
 37°33'14.389"N

Legend

- Proposed Water Line
- City Boundary
- Breathitt Roads
- County Boundary

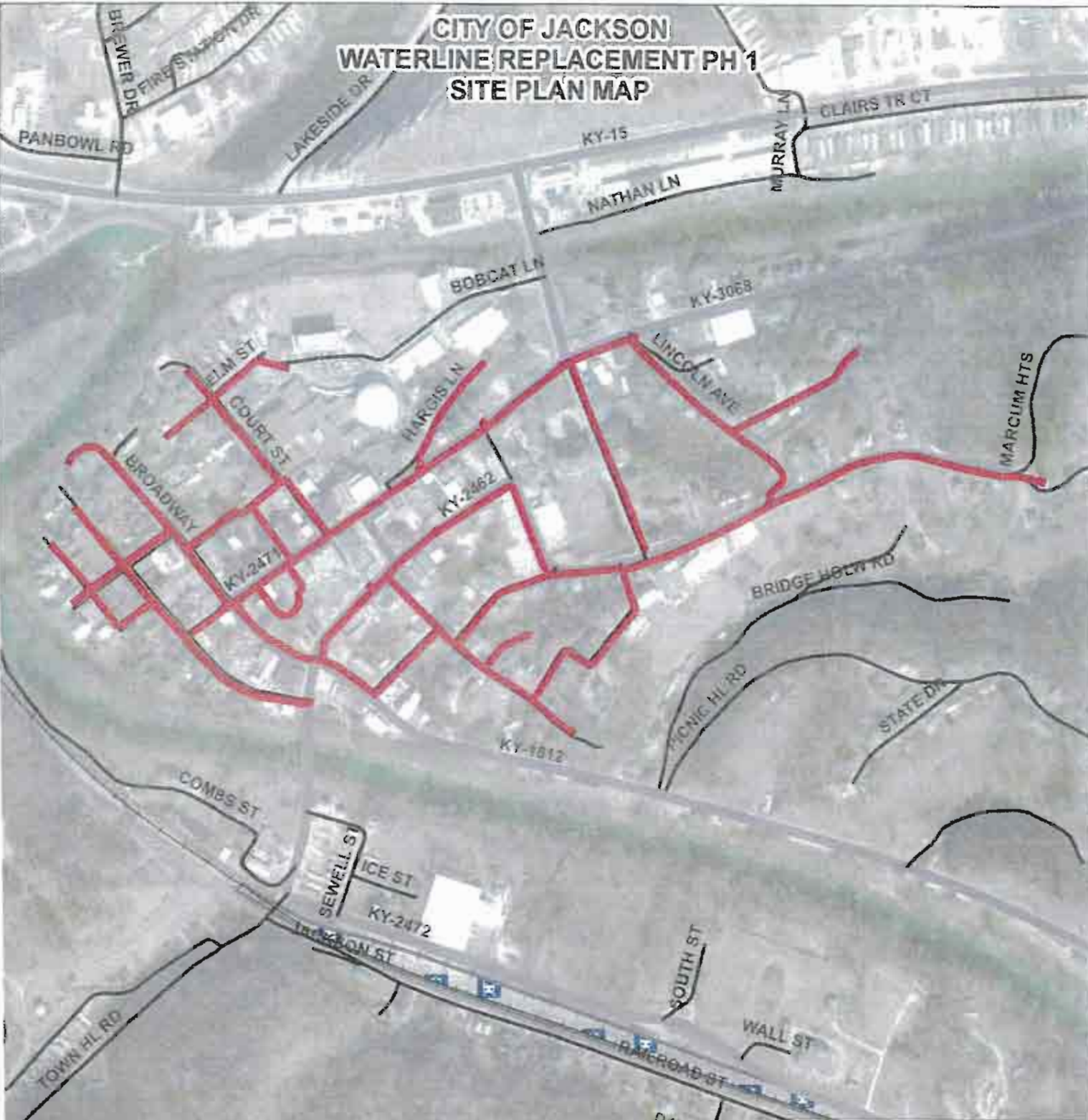
Scale 1:24,000

Miles

0 0.25 0.5 1

Kentucky Division of Transportation, Transportation District

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



Legend

- Proposed Water Lines

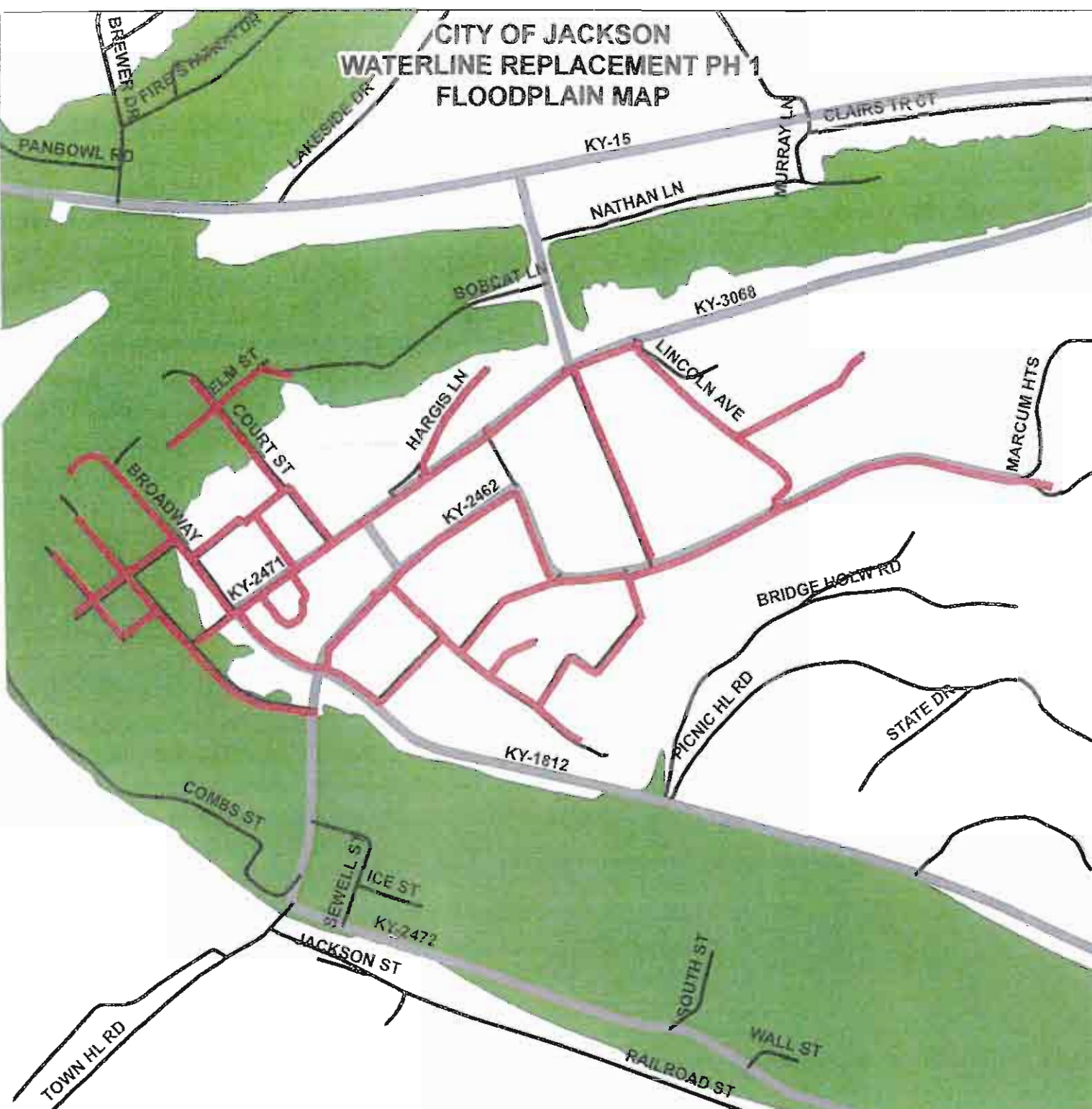
Breathitt Roads

Owner

- State Highways
- Others
- Active Railroad
- Rail Switchyard

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 There are no Minority Concentrations in the Jurisdiction.
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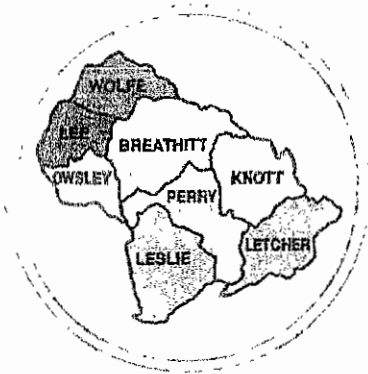
CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



Kentucky River

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

March 20, 2020

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

Perri Pedley

USDA Natural Resources Conservation Service

3100 Alvey Park Drive W

Owensboro, KY 42303

RE: Jackson Waterline Replacement Phase I

Dear Perri:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

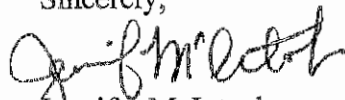
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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

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 project description for your reference.

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

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Water & Wastewater Planner

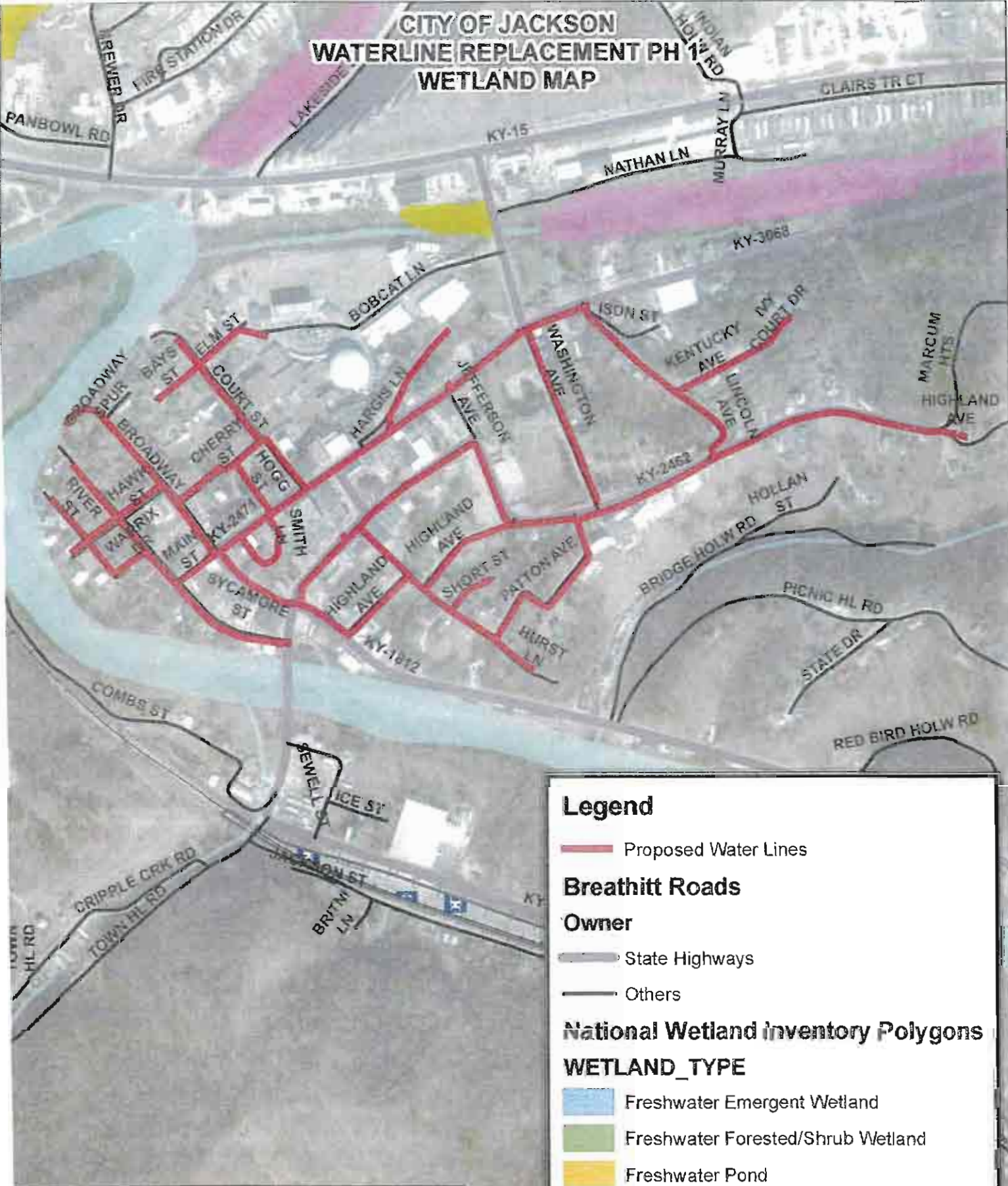
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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

- State Highways
- Others

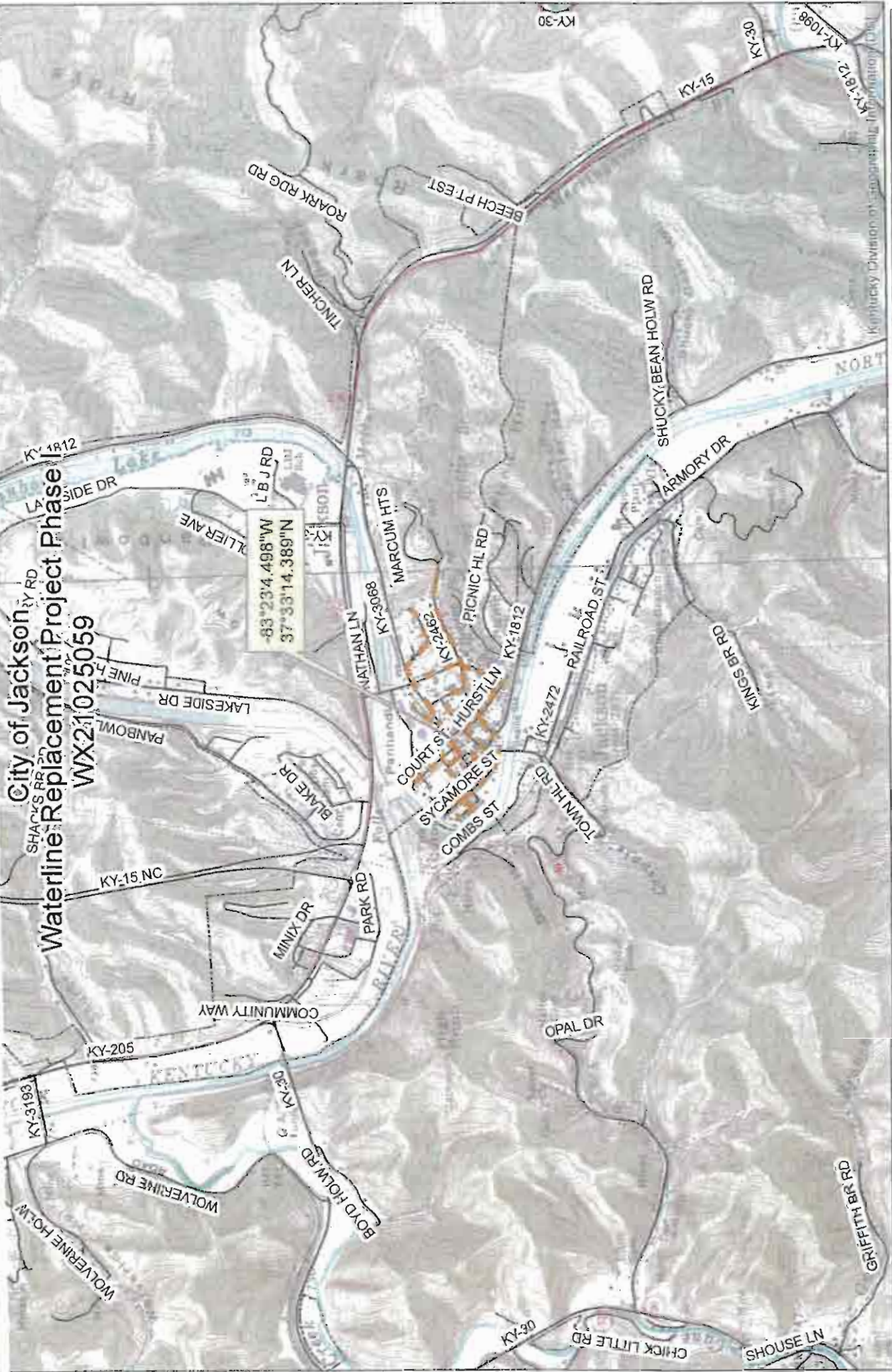
National Wetland inventory Polygons

WETLAND_TYPE

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- Freshwater Forested/Shrub Wetland
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NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be acquired in this project.
 There are no identified drainage problem areas.
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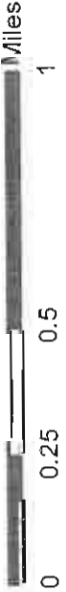
City of Jackson
Waterline Replacement Project Phase I
WX21025059



Legend

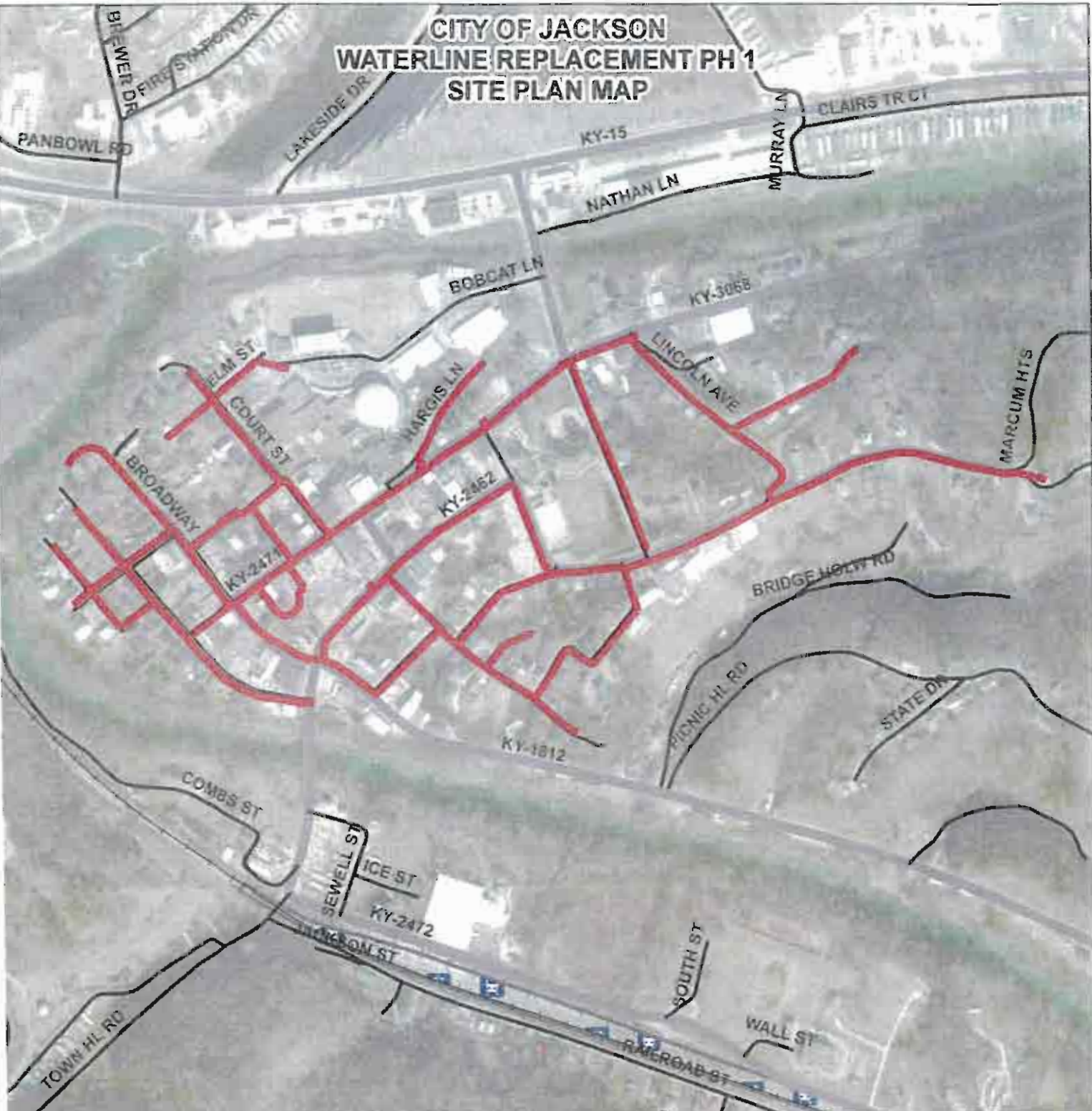
-  Proposed Water Line
-  City Boundary
-  Breasted Roads
-  County Boundary

Scale 1:24,000



Kentucky Division of Transportation, Informational Only

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP

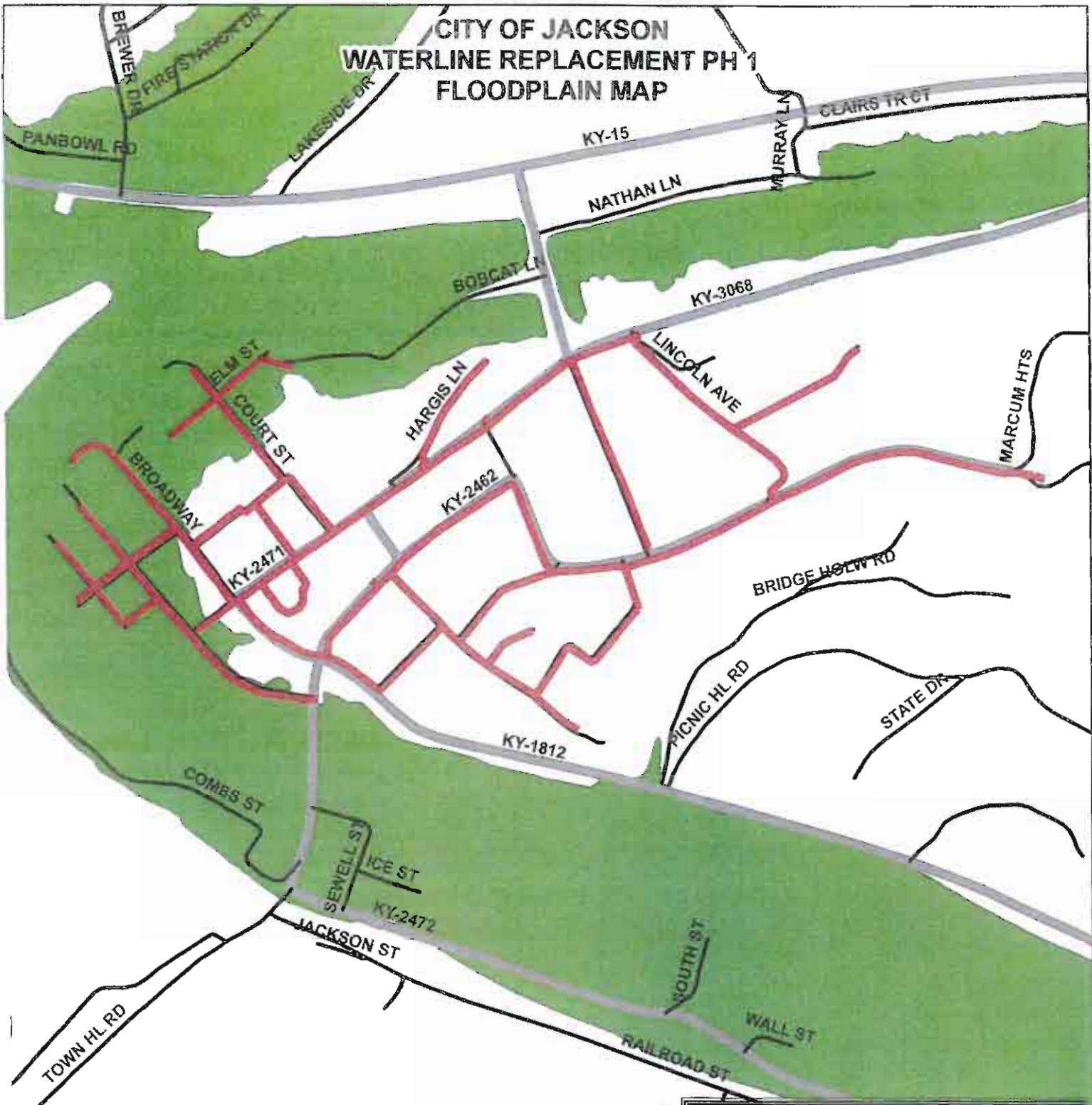


Legend

- Proposed Water Lines
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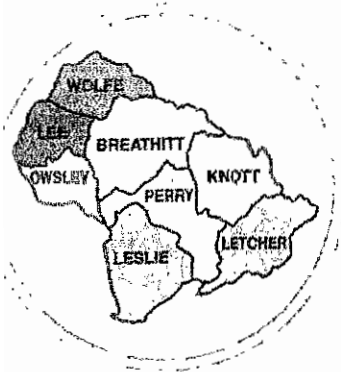
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Mr. Lee Andrews
Field Supervisor
U.S. Fish & Wildlife Service
Kentucky Ecological Services
330 West Broadway, Rm 265
Frankfort, Kentucky 40601

**RE: Jackson Waterline Replacement Phase I; IPaC Consultation
Code: 04EK1000-2020-SLI-0821**

Dear Lee:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project. Coordinates for this project are (center of downtown) -83°23'4.498"W; 37°33'14.389"N.

The IPaC species list, dated March 20, 2020, identifies four federally-

listed endangered or threatened species; the Gray Bat (*Myotis grisescens*) – endangered, the Indiana Bat (*Myotis sodalis*) – endangered, the Northern Long-eared Bat (*Myotis septentrionalis*) – threatened, and the Kentucky Arrow Darter (*Etheostoma spilotum*) – threatened. No critical habitats are listed within the project area.

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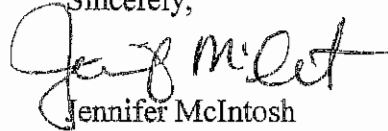
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Cumulative effects - There should be minimal impacts to federally listed species or critical habitats as a result of this project as this is a rehabilitation of existing waterlines and their will not be an extension of new lines.

The Kentucky River Area Development District has been asked to undertake an environmental review of this project to ascertain the impact of the proposed activities. I would appreciate your office reviewing this project in relation to its potential impact(s) on any wetlands; vegetation; and animal life (i.e. disruption or alteration of habitat); and potential impact upon endangered or threatened species. Is the option still available to pay the Bat Conservatory Fund for tree removal? I have enclosed a project location, floodplain, and wetlands map(s), and project description for your reference.

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

Sincerely,

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

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CITY OF JACKSON WATERLINE REPLACEMENT PH I WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

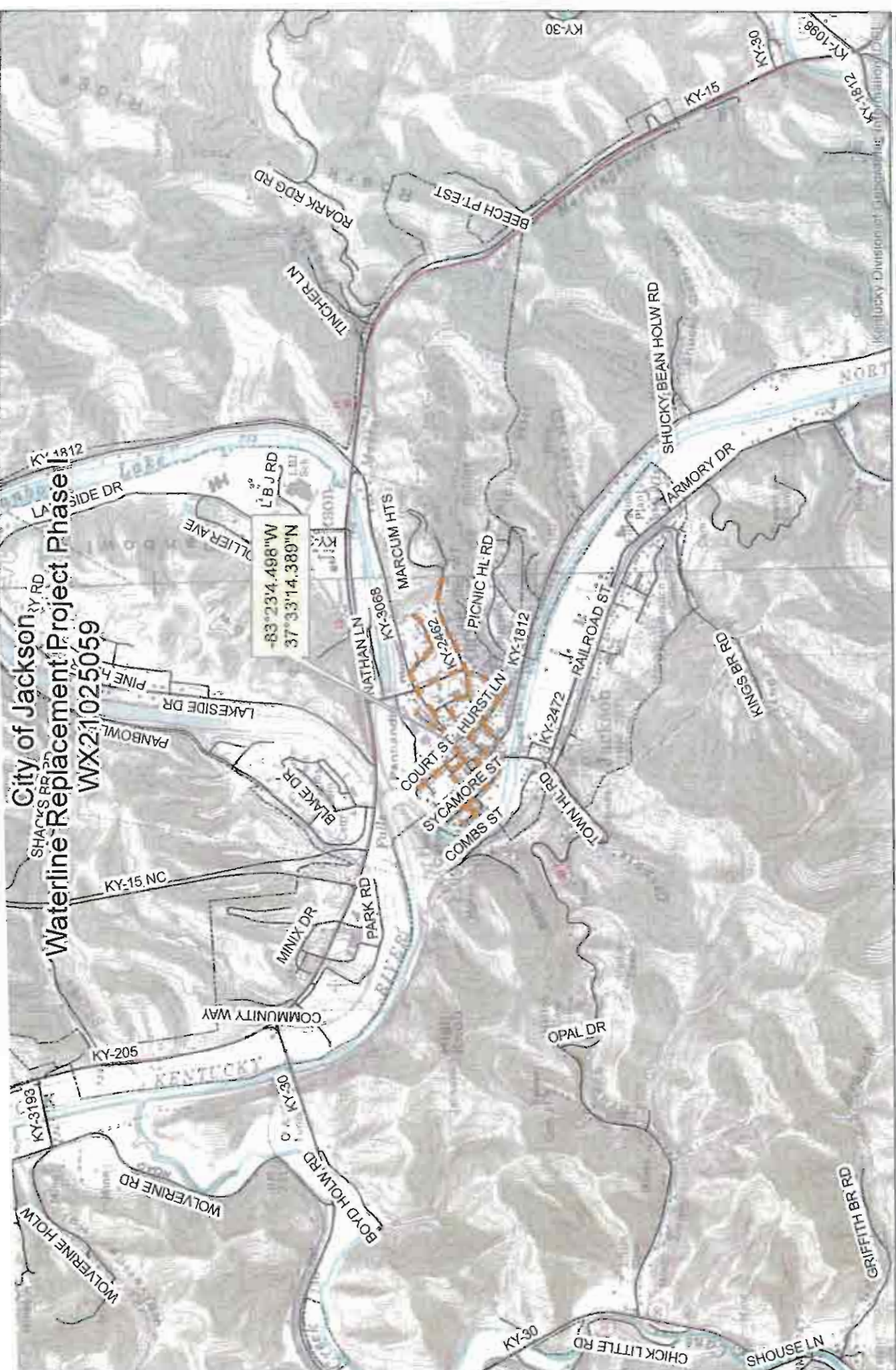
- State Highways
- Others

National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 836 LF of 4", 8,654 LF of 6",
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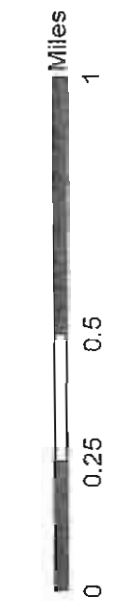


City of Jackson
Waterline Replacement Project Phase
WX21025059

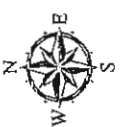
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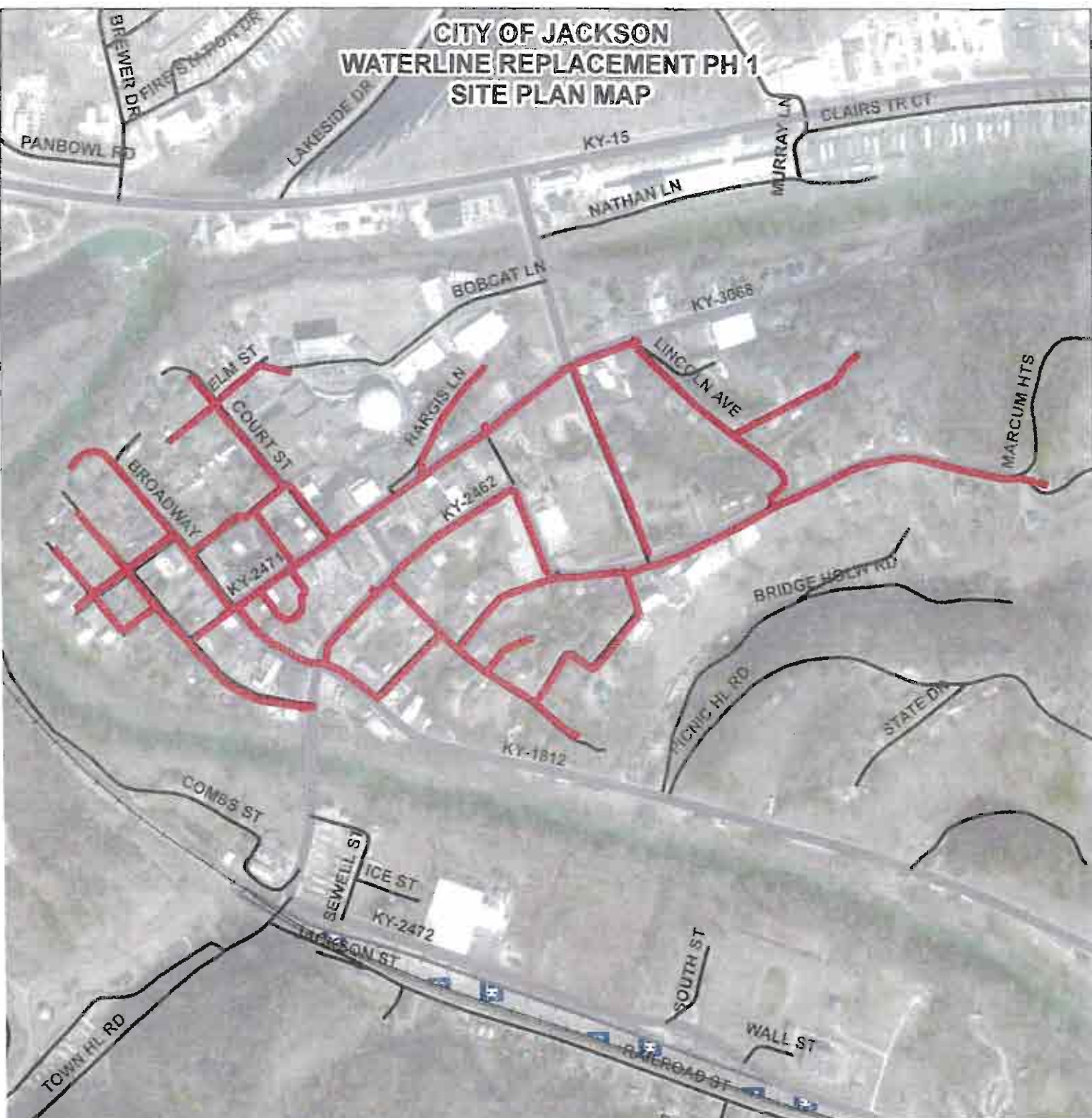
-  Proposed Water Line
-  City Boundary
-  Breasht Road
-  County Boundary



Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP

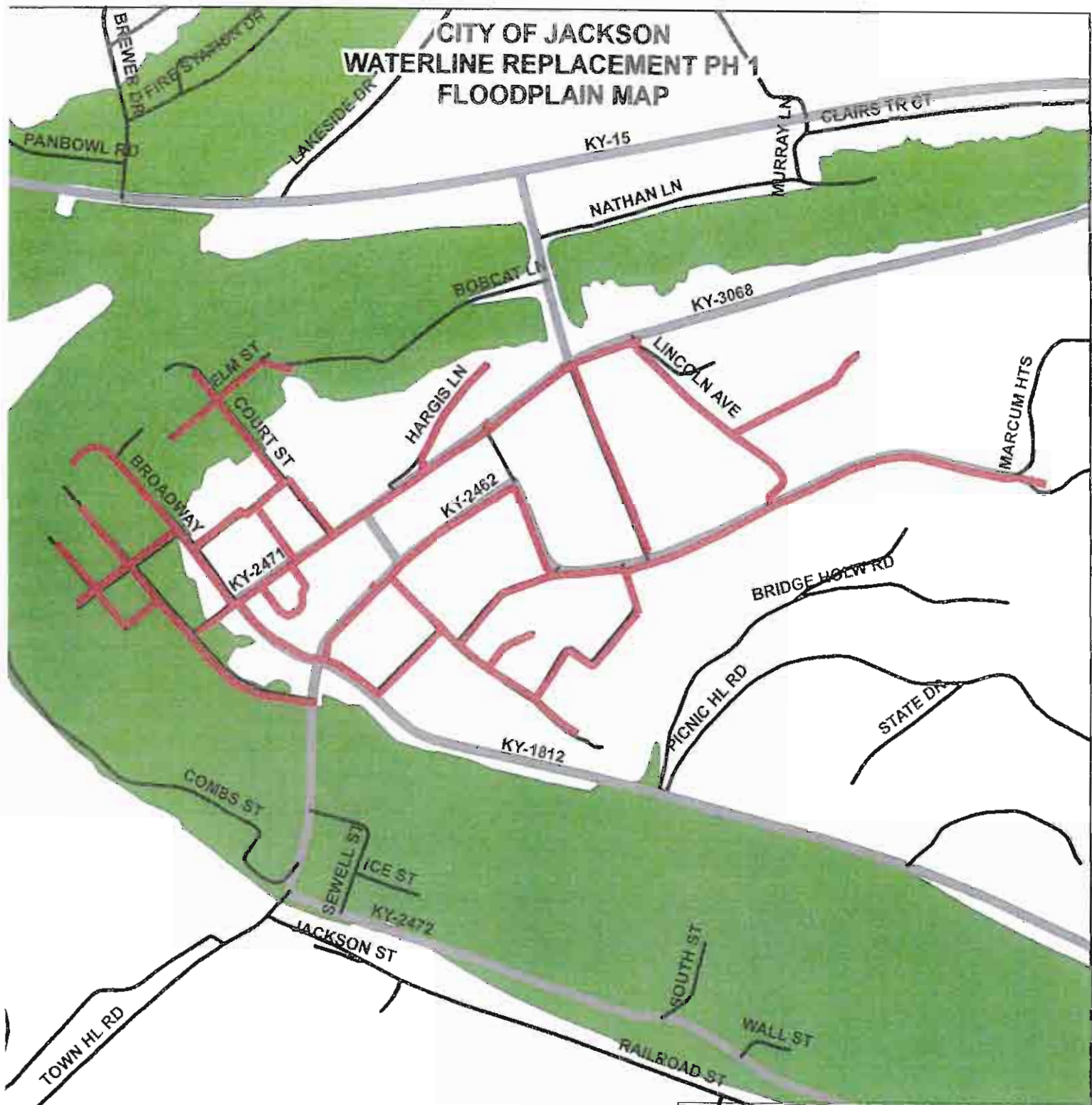


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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- Active Railroad
- Rail Switchyard

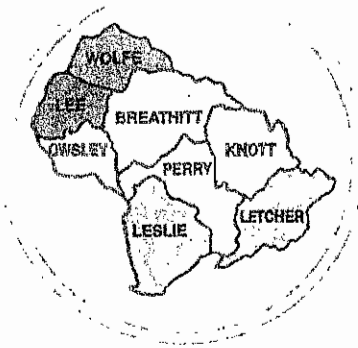
CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

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Tracy Neice
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Terry Adams
Judge/Executive
SECRETARY
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PARLIAMENTARIAN
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Donald "Happy" Mobbilini - 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)

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

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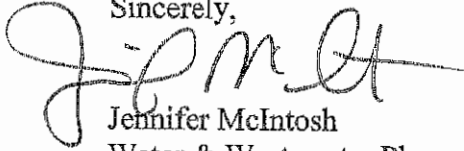
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Sincerely,

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Jennifer McIntosh
Water & Wastewater Planner

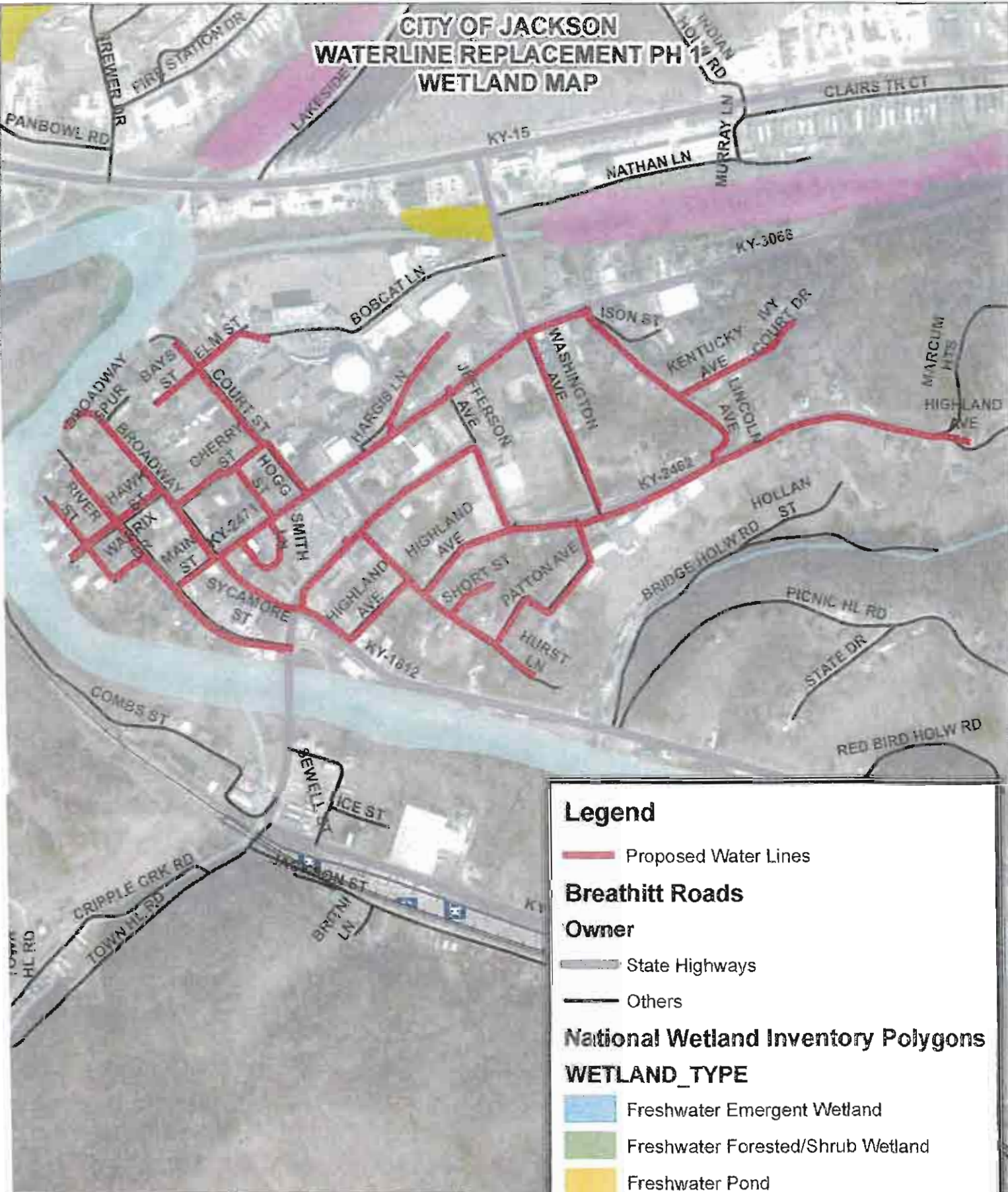
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

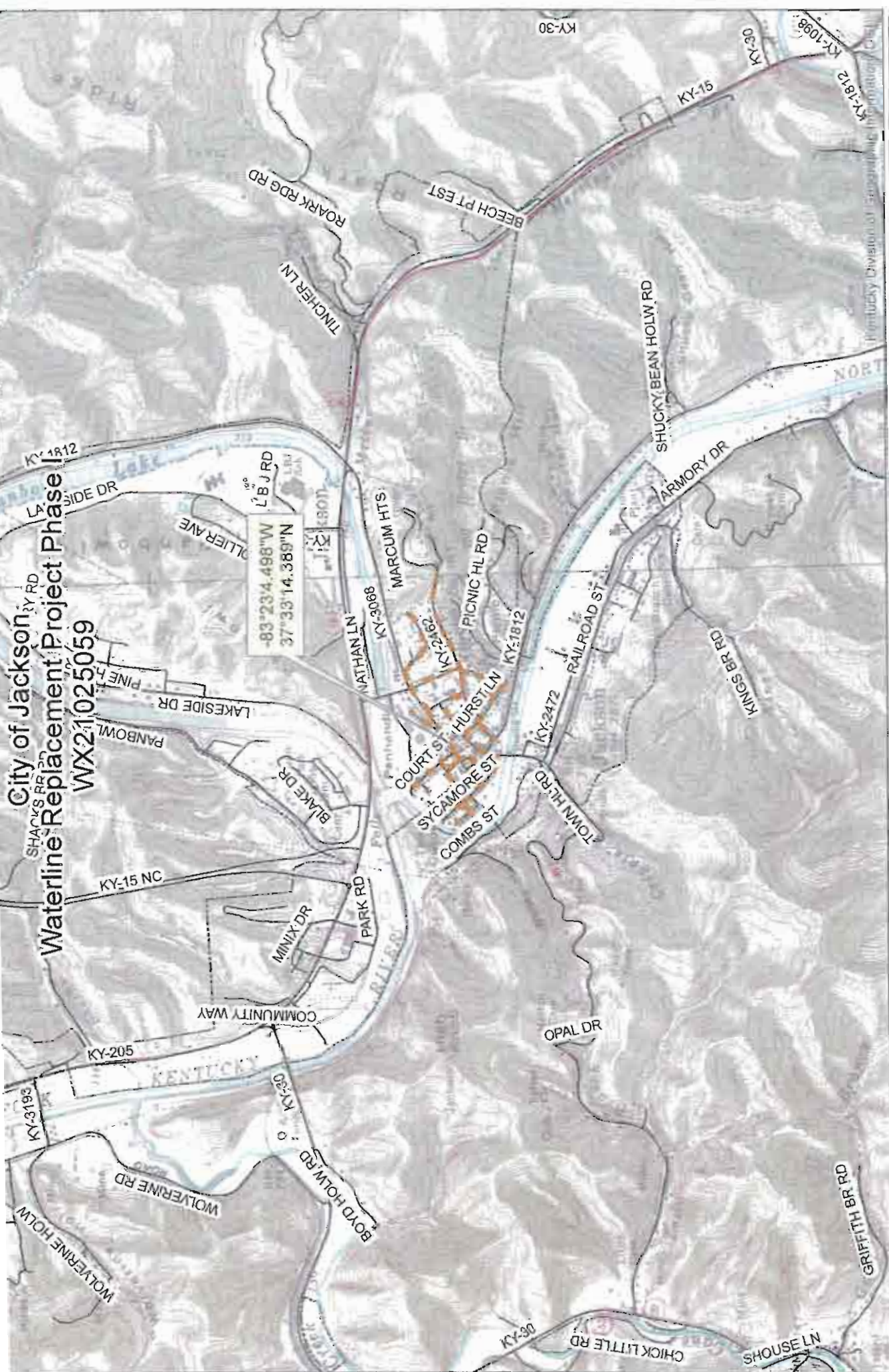
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- Others

National Wetland Inventory Polygons

WETLAND_TYPE

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City of Jackson
Waterline Replacement Project Phase
WX211025059

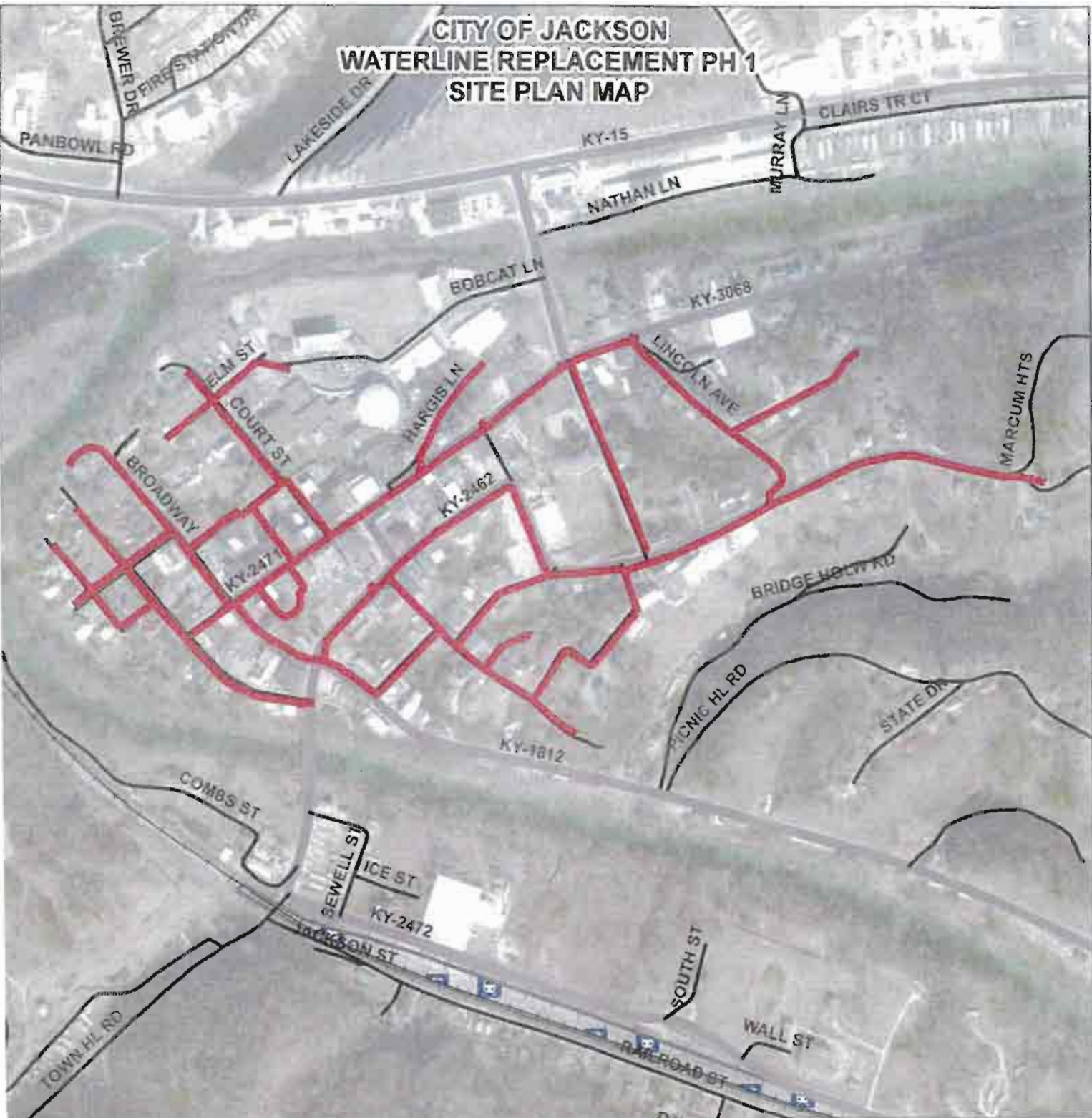
Legend

-  Proposed Water Line
-  City Boundary
-  Breasted Roads
-  County Boundary

Scale 1:24,000



CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP

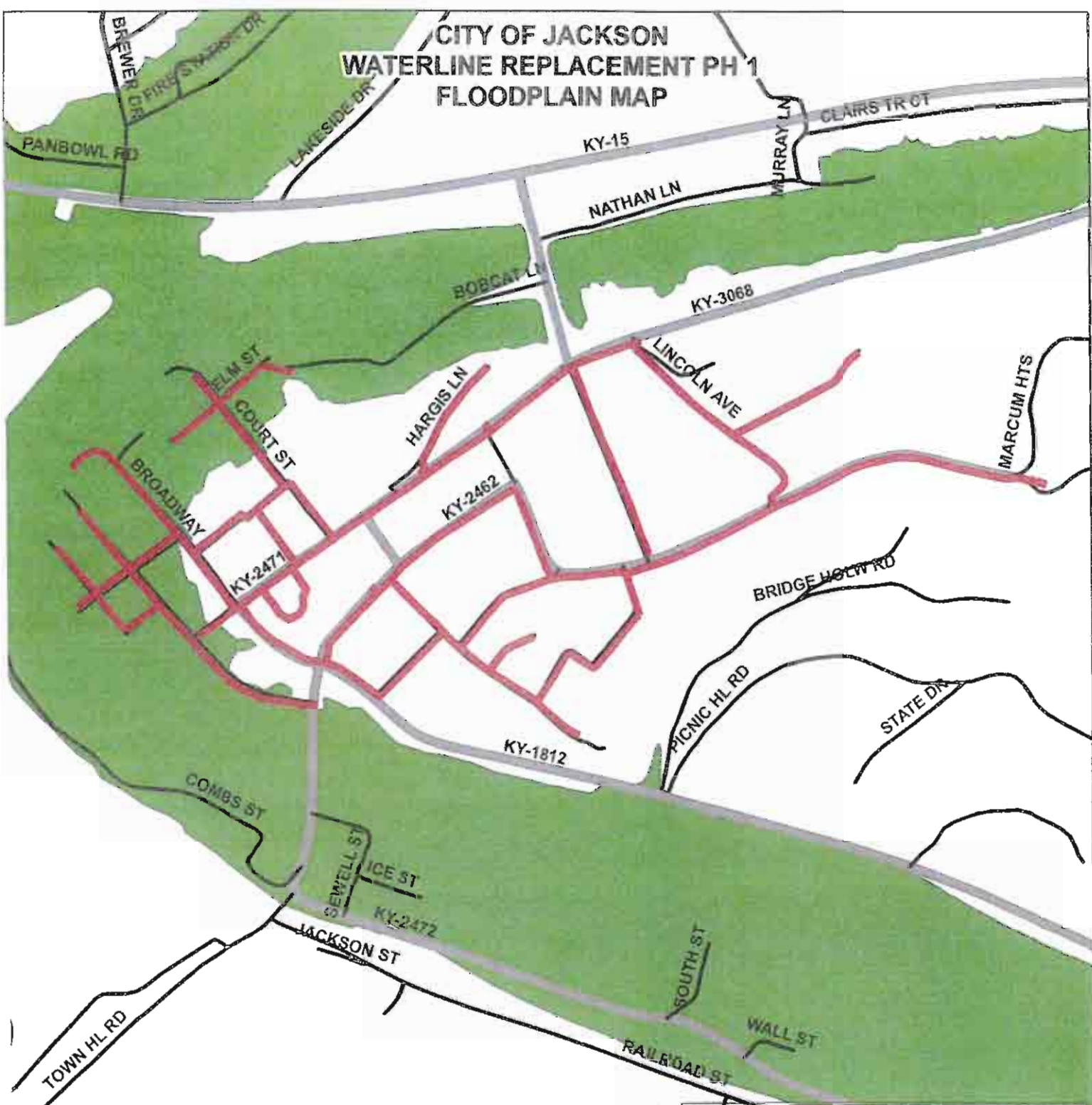


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Legend

- Proposed Water Lines
- Breathitt Roads**
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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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Legend

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- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Jennifer McIntosh

From: Jennifer McIntosh <jennifer@kradd.org>
Sent: Wednesday, May 6, 2020 5:06 PM
To: Aldridge, Louanna C (EEC) (Louanna.Aldridge@ky.gov)
Subject: Jackson waterline Replacement Phase i project
Attachments: Scoping letter air quality.docx; ER Maps.pdf

Louanna,

I noticed that on the Clearinghouse comments SAI#KY201906050844 there were no comments for air quality for this project. Is that a different department within the department that we should still our scoping letters? I know you had messaged and said we didn't need to send letters and received the clearinghouse comments. I have attached a scoping letter for this one.

Thank You,

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

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



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

May 6, 2020

Department for Environmental Protection

Division for Air Quality
300 Sower Blvd, 2nd Floor
Frankfort, KY 40601

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CHAIRMAN Tracy

Neice
Mayor

TREASURER

Terry Adams

Judge/Executive

SECRETARY

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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: micheller@kradd.org

FAX NUMBER 606-436-2144

TDD NUMBER 1-800-247-2510

(Hearing Impaired)

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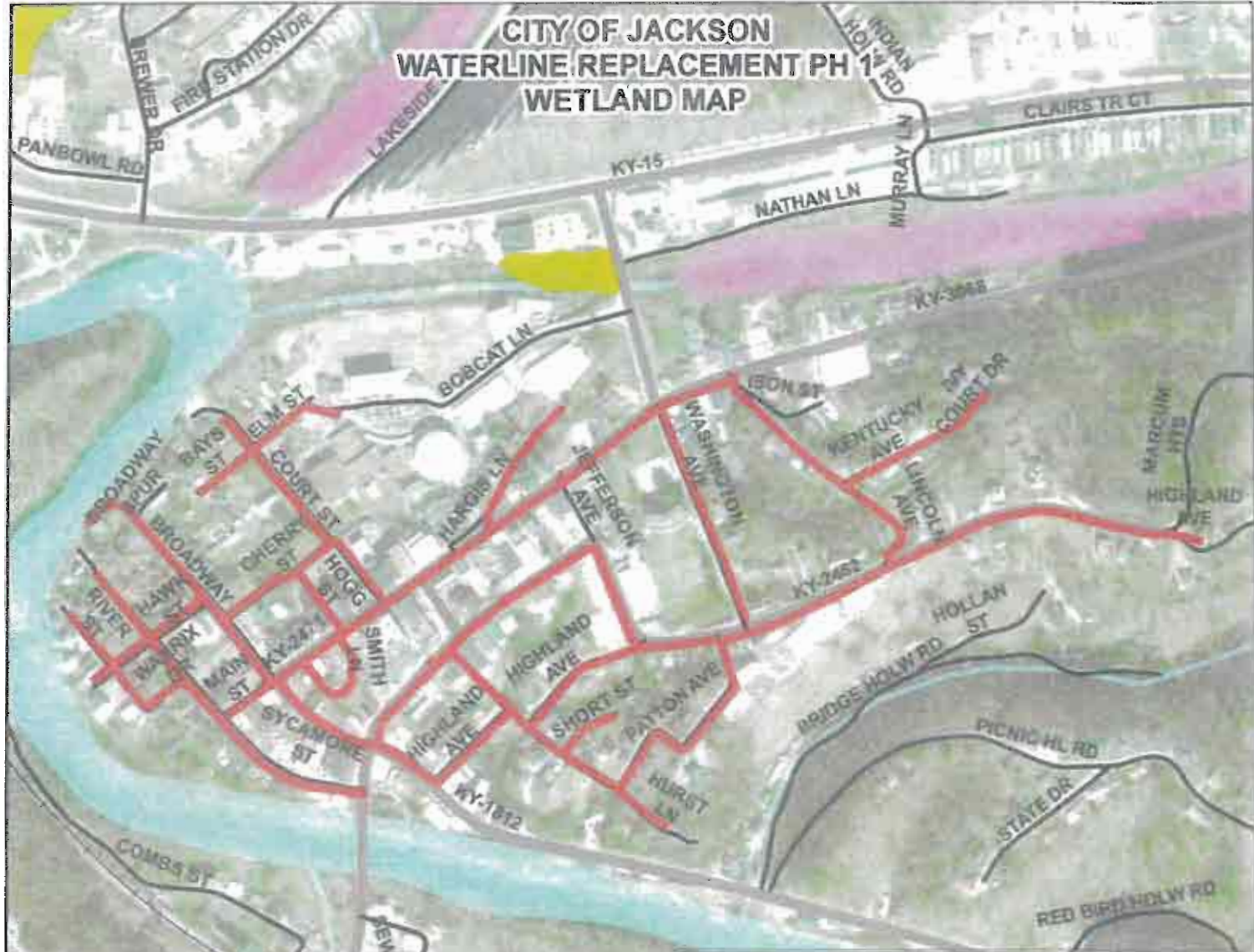
Jennifer McIntosh

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Water & Wastewater Planner

enclosures

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Legend

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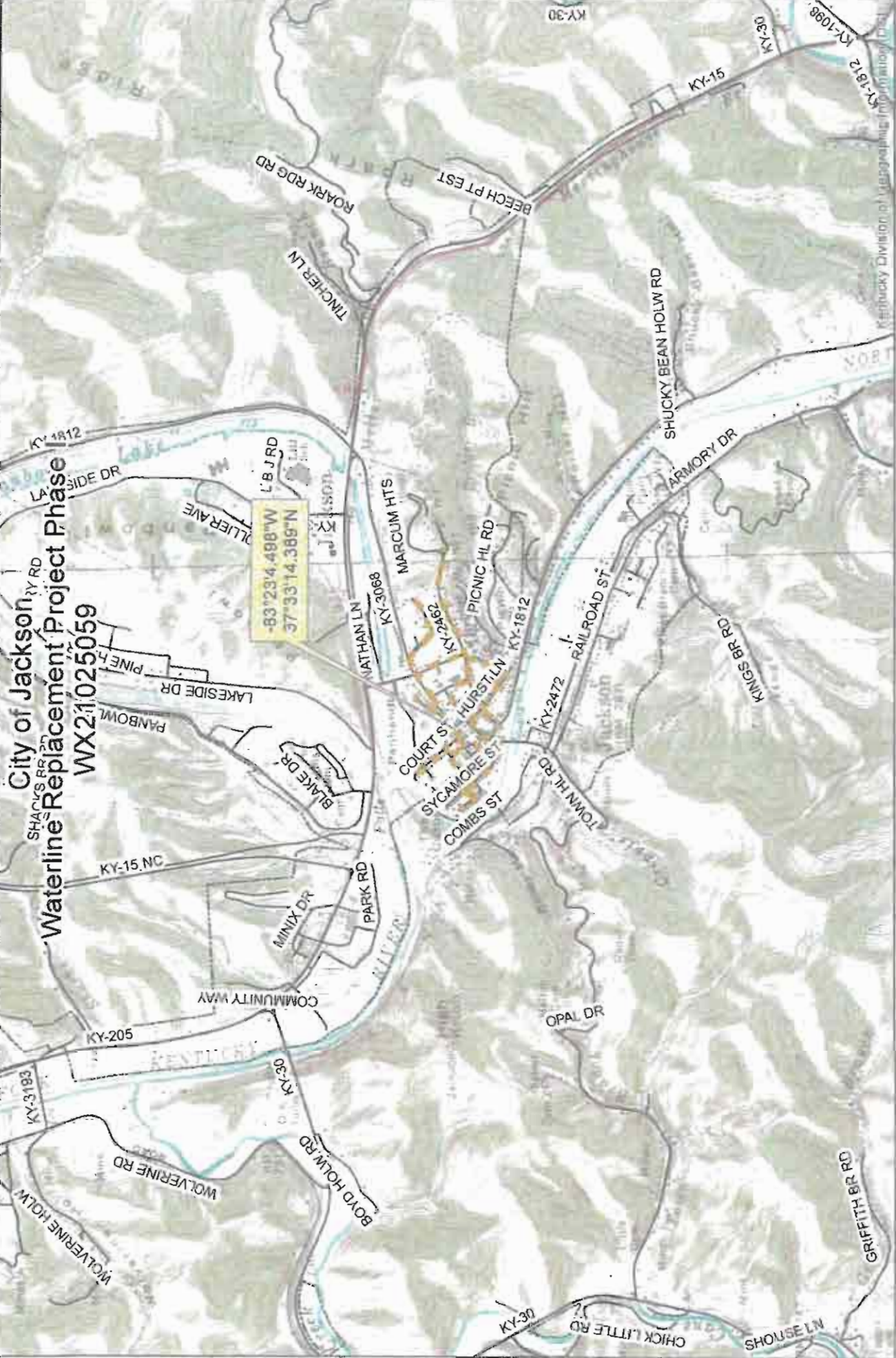
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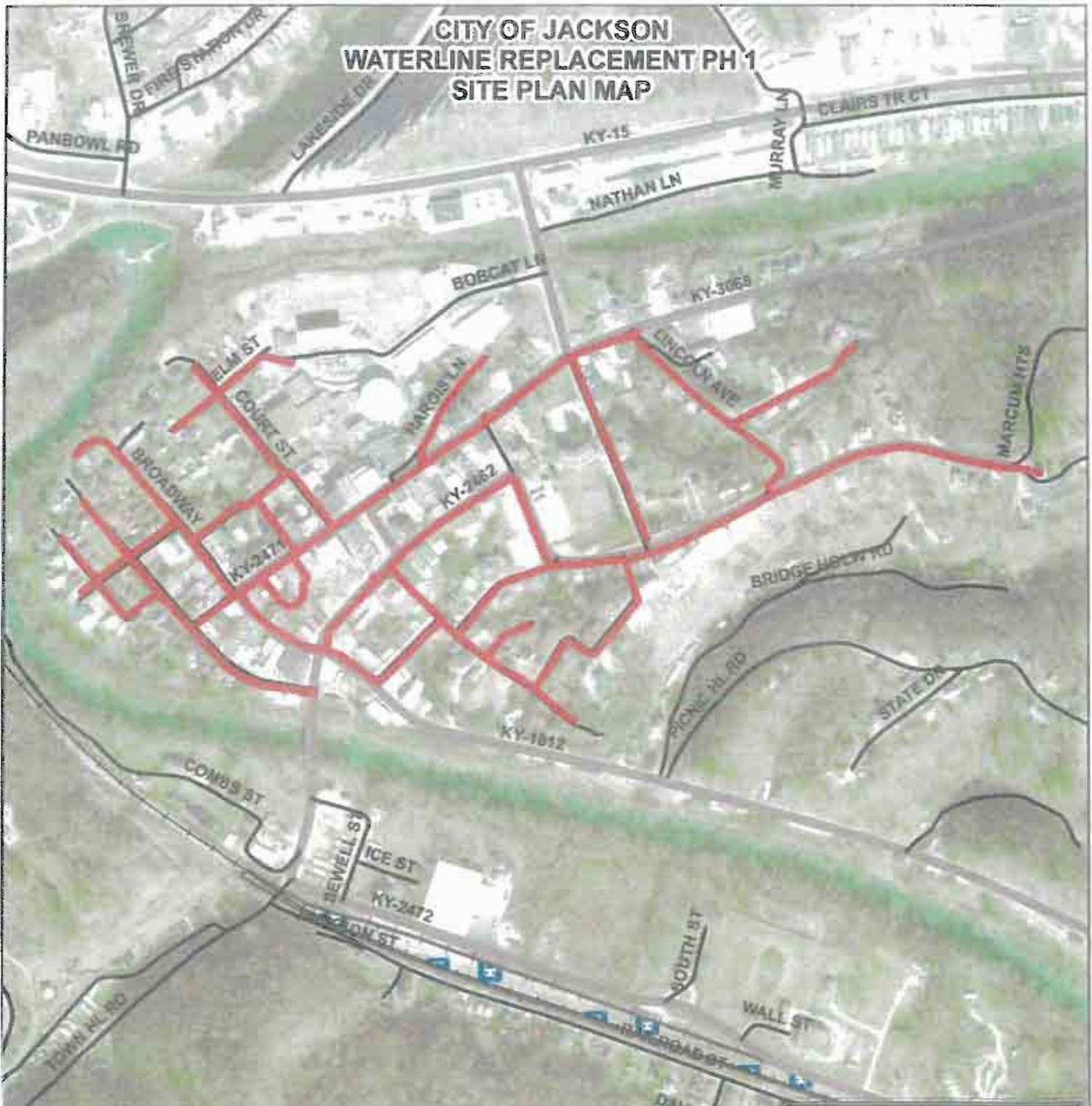
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- Existing Roads
- City Boundary
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Scale 1:24,000

Miles

0 0.25 0.5 1

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



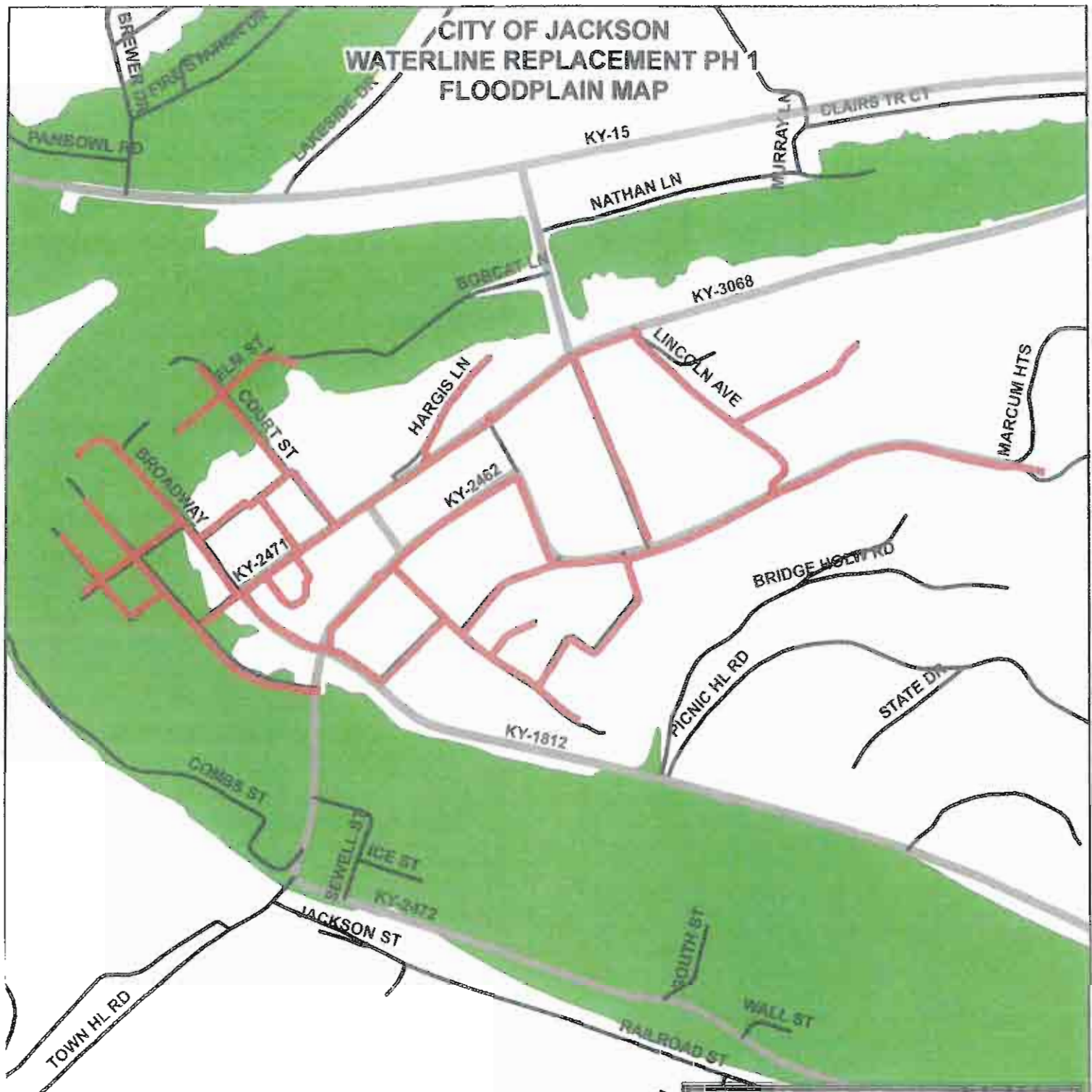
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Source: Esri | DigitalGlobe | GeoEye
 USDA | USGS | A2 | BRG | IGN | EIT

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Ms. Aldridge,

I am currently in the process of a NEPA review for the City of Jackson for their Jackson Waterline Replacement Phase I project. My supervisor Angelia Hall spoke with you yesterday about our processes. When I submitted Clearinghouse for the project I received comments from the majority of your divisions; however, I do not have anything from floodplains and solid waste on this project. I have attached a scoping letter and maps for the project for review. Thank you for your time and consideration on this.

Thank You,

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

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

The Kentucky River Area Development District has been asked to undertake a NEPA 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 project description for your reference.

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

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

— Proposed Water Lines

Breathitt Roads

Owner

State Highways

Others

National Wetland Inventory Polygons

WETLAND_TYPE

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Riverine

Active Railroad

Rail Switchyard

NOTES:
 There are no Minority Concentrations in the Jurisdiction.
 No property to be aquired in this project.
 There are no identified drainage problem areas.
 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 SITE PLAN MAP



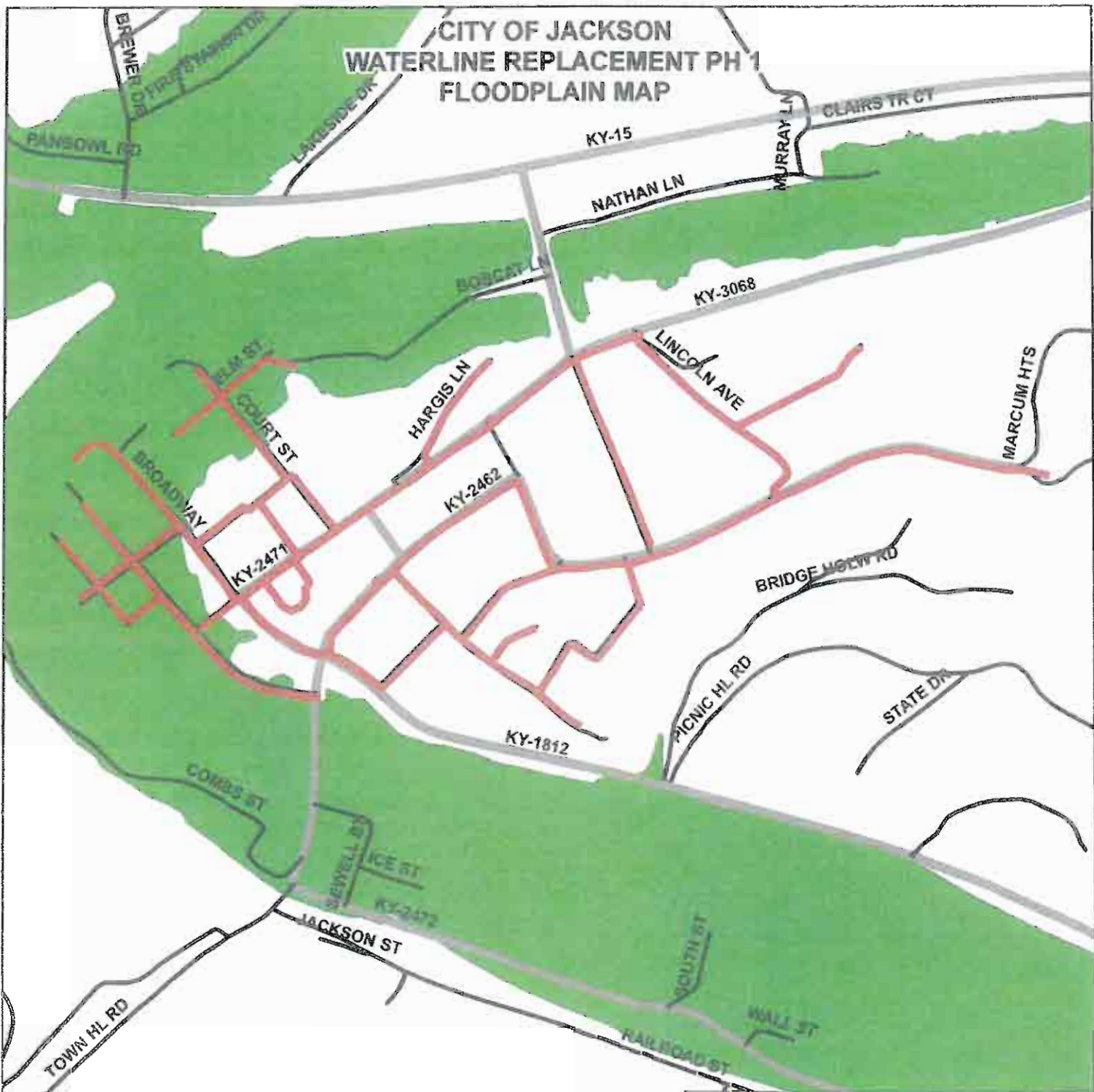
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Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- | Active Railroad
- + Rail Switchyard

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

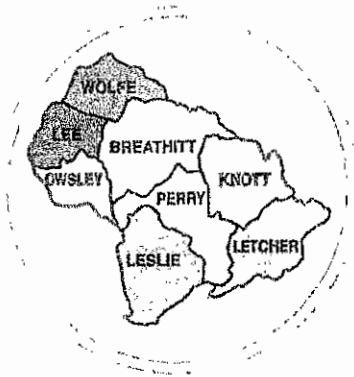
CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



NOTES:
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 No property to be acquired in this project.
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 Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
 2,518 LF of 8" and 3,884 LF of 10" PVC Lines. This will
 encompass all of what is considered the downtown area.
 Floodzone AE present in portions of the site.

Legend

- Proposed Water Lines
- Breathitt Roads**
- Owner**
- State Highways
- Others
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



Kentucky River

AREA
DEVELOPMENT
DISTRICT

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

March 20, 2020

CHAIRMAN

Pam Pilgrim

VICE-CHAIRMAN

Tracy Neice

Mayor

TREASURER

Terry Adams

Judge/Executive

SECRETARY

Gregory Whitson

PARLIAMENTARIAN

Laura Thomas

Mayor

BOARD OF DIRECTORS

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

Mayors

- Laura Thomas - Jackson
- Tracy Neice - Hindman
- Scott Cornett - Pippa Passes
- Scott Jackson - Beattyville
- Carol Joseph - Hyden
- Susan Polle - Fleming-Neon
- James W. Craft - Whitesburg
- Todd DePriet - Jenkins
- Nelson Bobrowski - Boonville
- Ernest Back - Vicco
- Donald "Happy" Mobelini - Hazard
- Tom Burns - Buckhorn
- Kathi May - Campton

Citizen Members

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

Executive Director

Michelle Allen

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

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

RE: Jackson Waterline Replacement Phase I

Dear Sir or Madam:

The City of Jackson has been approved funding through the Community Development Block Grant program and the Appalachian Regional Commission for the above referenced project. This project will rehabilitate the waterlines located in downtown Jackson and because these lines extend water out into the system 1,596 customers will receive improved service.

The scope of this project consists of replacing the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown.

The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst LN, Patton Avenue, Bobcat Ln, Quicksand Rd, Jefferson Avenue, Cherry Street, River Street, Sycamore Street, Hawk Street, Broadway, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Short Street, Smith Lane, Hogg Street, Warrix Drive, Bays Street, Kentucky Avenue and Lincoln Avenue as funding allows.

Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land

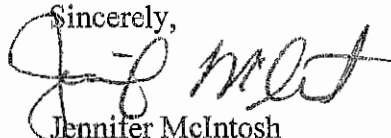
will be impacted by this project.

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 The City of Jackson located in Breathitt County or the Commonwealth of Kentucky. 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.

Thank you, for your time and assistance.

Sincerely,

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

Jennifer McIntosh
Water & Wastewater Planner

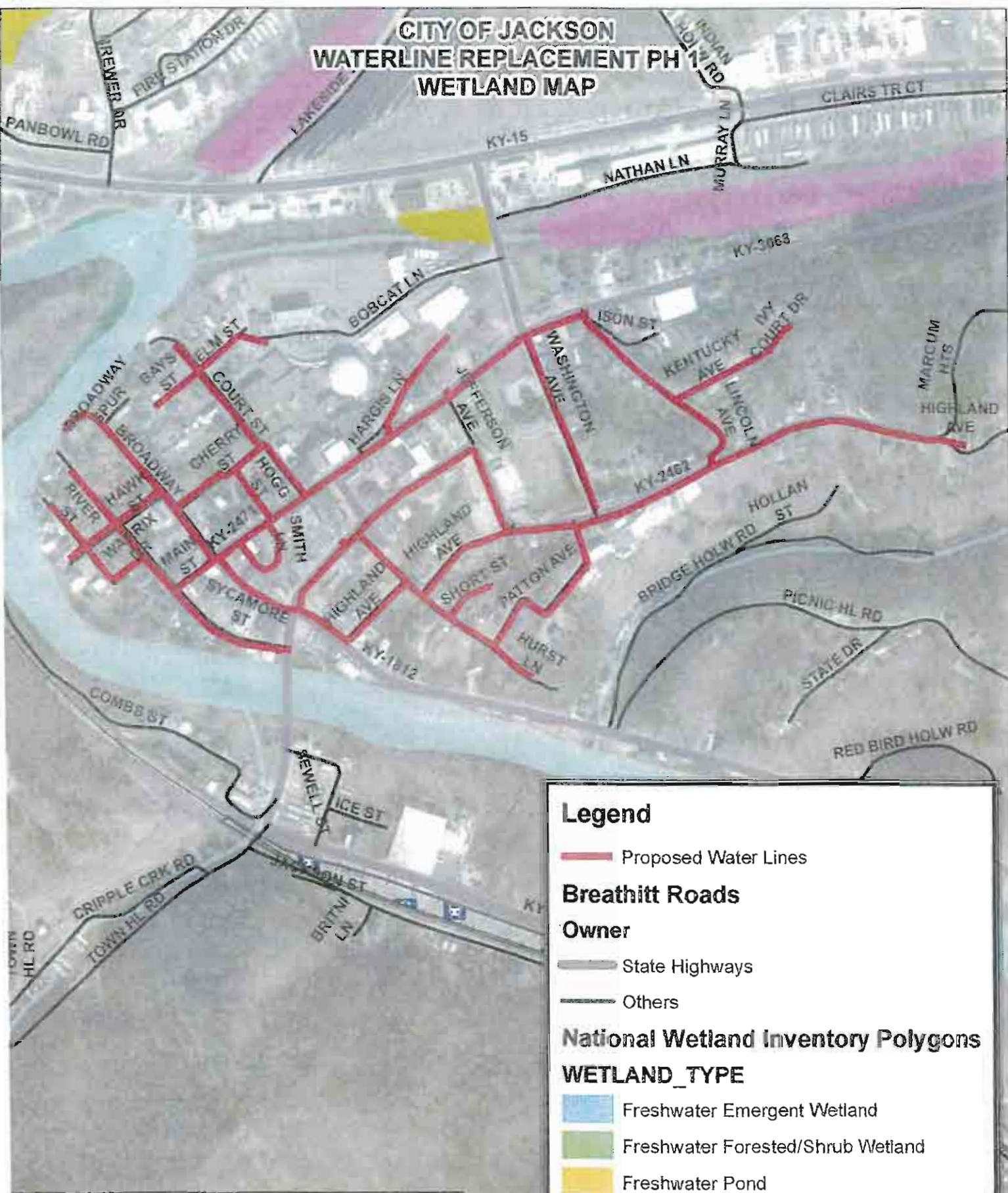
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Due to the scope of the project there will be ground disturbance in previously disturbed highway right-of-way or existing easements. There is expected to be no tree and vegetation removal. No existing farm land will be impacted by this project.

Replacement of aging waterlines will ensure that residents continue to receive uninhibited access to safe and reliable potable water. It will also ensure that the water plant meets its useful life standards. Due to the way the pressure zones operate in the City's system this project will benefit 1,596 customers that the City currently serve.

CITY OF JACKSON WATERLINE REPLACEMENT PH 1 WETLAND MAP



Legend

- Proposed Water Lines

Breathitt Roads

Owner

- State Highways
- Others

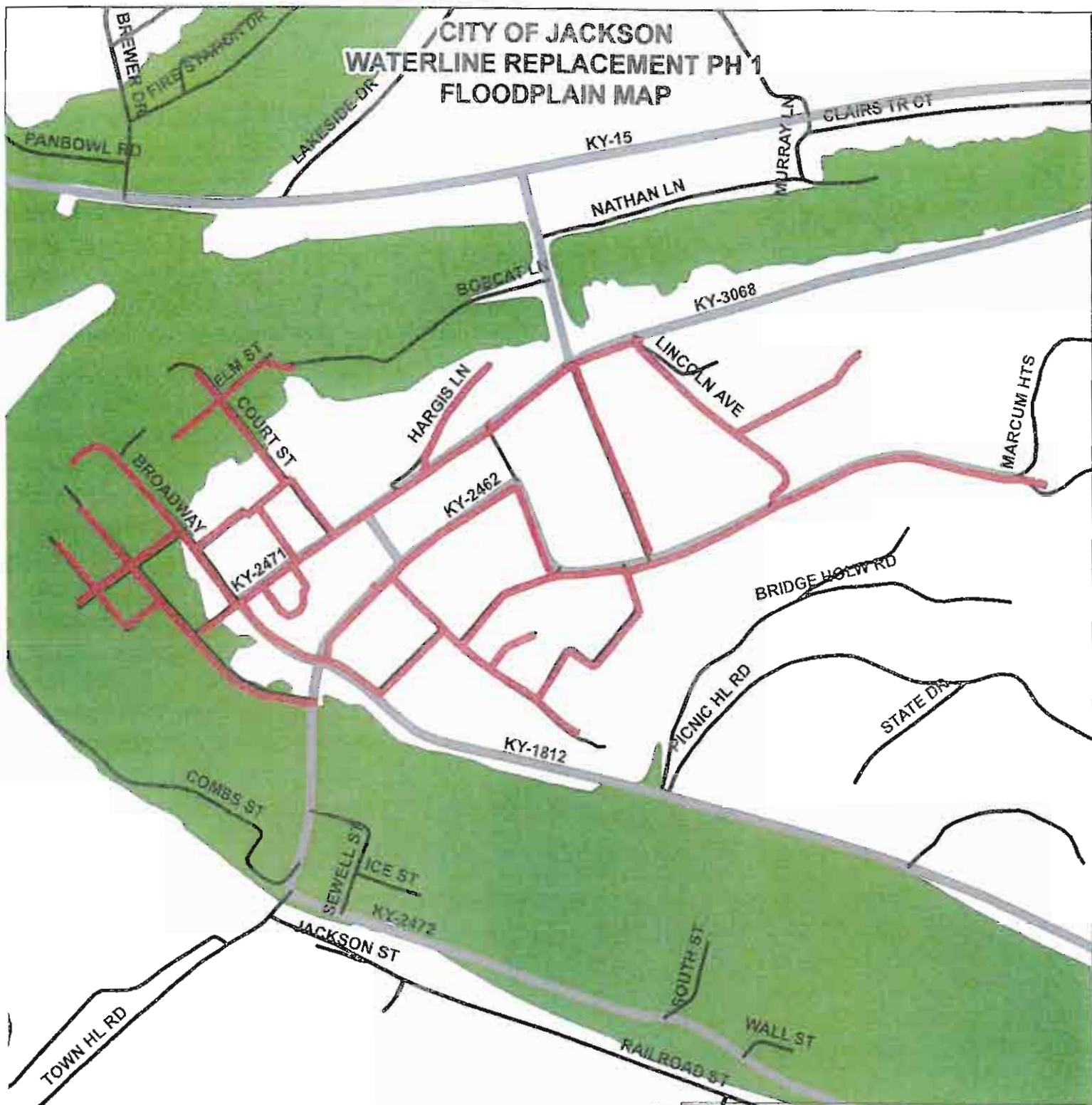
National Wetland Inventory Polygons

WETLAND_TYPE

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Active Railroad
- Rail Switchyard

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CITY OF JACKSON WATERLINE REPLACEMENT PH 1 FLOODPLAIN MAP



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- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
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