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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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
37°33'11.337"N, Sycamore Street Longitude -83°23'11.461"W, Latitude 37°33'10.166"N,
Hawk Street Longitude -83°23'14.716"W, Latitude 37°33'11.661"N, Broadway Longitude
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
-83°22'47.659"W, Latitude 37°33'20.543"N, Washington Avenue Longitude
-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**

<table>
<thead>
<tr>
<th>Grant Number</th>
<th>HUD Program</th>
<th>Funding Amount</th>
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<tbody>
<tr>
<td>CDBG 19-021</td>
<td>CDBG</td>
<td>1,000,000</td>
</tr>
<tr>
<td>ARC 19-021</td>
<td>ARC</td>
<td>1,600,000</td>
</tr>
</tbody>
</table>

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.

<table>
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<tr>
<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6</th>
<th>Are formal compliance steps or mitigation required?</th>
<th>Compliance determinations</th>
</tr>
</thead>
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<tr>
<td>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 &amp; 58.6</td>
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**Airport Hazards**
- Yes | No | There are no airports on or near any of the proposed project areas. No impact.

**24 CFR Part 51 Subpart D Coastal Barrier Resources**
- Yes | No | The City of Jackson, Breathitt County, KY does not have Coastal areas.

**Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]**
- Yes | No | 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

**Flood Insurance**
- Yes | No | 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
<table>
<thead>
<tr>
<th>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 &amp; 58.5</th>
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<tr>
<td><strong>Clean Air</strong></td>
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<tr>
<td>Clean Air Act, as amended, particularly section 176(c) &amp; (d);</td>
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<tr>
<td>40 CFR Parts 6, 51, 93</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>☐</td>
</tr>
<tr>
<td><strong>Coastal Zone Management</strong></td>
</tr>
<tr>
<td>Coastal Zone Management Act, sections 307(c) &amp; (d)</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>☐</td>
</tr>
<tr>
<td><strong>Contamination and Toxic Substances</strong></td>
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<tr>
<td>24 CFR Part 50.3(i) &amp; 58.5(i)(2)</td>
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<tr>
<td>Yes</td>
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<tr>
<td>☐</td>
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<tr>
<td><strong>Endangered Species</strong></td>
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<tr>
<td>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>Topic</td>
</tr>
<tr>
<td>--------------------------------------------</td>
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<tr>
<td><strong>Explosive and Flammable Hazards</strong></td>
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<tr>
<td>24 CFR Part 51 Subpart C</td>
</tr>
<tr>
<td><strong>Farmlands Protection</strong></td>
</tr>
<tr>
<td>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</td>
</tr>
<tr>
<td><strong>Floodplain Management</strong></td>
</tr>
<tr>
<td>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</td>
</tr>
<tr>
<td><strong>Historic Preservation</strong></td>
</tr>
<tr>
<td>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</td>
</tr>
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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.”

No Impact. Per letter dated April 17, 2020 Craig A. Potos, 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..."
<table>
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<tr>
<th>Noise Abatement and Control</th>
<th>Yes No</th>
<th>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.</th>
</tr>
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<tr>
<td>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</td>
<td>☐ ☒</td>
<td>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.</td>
</tr>
<tr>
<td>Sole Source Aquifers</td>
<td>Yes No</td>
<td></td>
</tr>
<tr>
<td>Safe Drinking Water Act of 1974, as amended, particularly section 1424C; 40 CFR Part 149</td>
<td>☐ ☒</td>
<td>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 run 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.</td>
</tr>
<tr>
<td>Wetlands Protection</td>
<td>Yes No</td>
<td>No Impact. There are no wild and scenic rivers located in the project area or in Jackson, Breathitt County, Kentucky.</td>
</tr>
<tr>
<td>Wild and Scenic Rivers</td>
<td>Yes No</td>
<td>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.</td>
</tr>
<tr>
<td>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</td>
<td>☐ ☒</td>
<td>No Impact. There are no wild and scenic rivers located in the project area or in Jackson, Breathitt County, Kentucky.</td>
</tr>
<tr>
<td>Environmental Justice</td>
<td>Yes No</td>
<td>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.</td>
</tr>
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</table>

**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 of 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

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<th>Impact Evaluation</th>
</tr>
</thead>
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<tr>
<td><strong>LAND DEVELOPMENT</strong></td>
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<td></td>
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<td>Conformance with Plans/ Compatible Land Use and Zoning/ Scale and Urban Design</td>
<td>1</td>
<td>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.</td>
</tr>
<tr>
<td>Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff</td>
<td>2</td>
<td>The project has some areas of moderate to steep slope. Appropriate erosion control measures and silt barriers will be utilized to minimize potential impacts.</td>
</tr>
<tr>
<td>Hazards and Nuisances including Site Safety and Noise</td>
<td>3</td>
<td>Any construction along state, city and county road right-of-way must have adequate safety measures in place to protect motorists and construction workers.</td>
</tr>
<tr>
<td>Energy Consumption</td>
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<td>The project is located in the downtown Jackson area. No impact anticipated. The contractor must use EPA compliant equipment during construction activities.</td>
</tr>
</tbody>
</table>

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<tr>
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<th>Impact Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOCIOECONOMIC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employment and Income Patterns</td>
<td>1</td>
<td>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.</td>
</tr>
<tr>
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</tr>
<tr>
<td>Demographic Character Changes, Displacement</td>
<td>2</td>
<td>No impact. The project will not displace any families nor will it require residents to relocate.</td>
</tr>
</tbody>
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<tr>
<th>Environmental Assessment Factor</th>
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<th>Impact Evaluation</th>
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</thead>
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<tr>
<td><strong>COMMUNITY FACILITIES AND SERVICES</strong></td>
<td></td>
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</tr>
<tr>
<td>Educational and Cultural Facilities</td>
<td>1</td>
<td>With the rehabilitation of a safe, reliable water source for drinking, cooking and bathing, school age children will have improved learning abilities.</td>
</tr>
<tr>
<td>Commercial Facilities</td>
<td>1</td>
<td>Commercial facilities located in the project area will have improved water pressure. Minor beneficial impact.</td>
</tr>
<tr>
<td>Health Care and Social Services</td>
<td>1</td>
<td>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.</td>
</tr>
<tr>
<td>Solid Waste Disposal / Recycling</td>
<td>2</td>
<td>The project will not generate solid waste. No impact.</td>
</tr>
<tr>
<td>Waste Water / Sanitary Sewers</td>
<td>2</td>
<td>The project will not impact existing waste water systems in Jackson, Breathitt County.</td>
</tr>
<tr>
<td>Water Supply</td>
<td>1</td>
<td>The project will benefit area residents in the project area by providing them with a rehabilitated safe, reliable water source.</td>
</tr>
<tr>
<td>Public Safety - Police, Fire and Emergency Medical</td>
<td>2</td>
<td>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.</td>
</tr>
<tr>
<td>Parks, Open Space and Recreation</td>
<td>2</td>
<td>The project will have no impact on parks, open space and recreation to area residents.</td>
</tr>
<tr>
<td>Transportation and Accessibility</td>
<td>3</td>
<td>The contractor(s) must comply with all safety regulations and assure adequate measures for traffic and workers.</td>
</tr>
<tr>
<td>Environmental Assessment</td>
<td>Impact Code</td>
<td>Impact Evaluation</td>
</tr>
<tr>
<td>--------------------------</td>
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</tr>
<tr>
<td>Unique Natural Features, Water Resources</td>
<td>1, 2</td>
<td>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.</td>
</tr>
<tr>
<td>Vegetation, Wildlife</td>
<td>2</td>
<td>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.</td>
</tr>
<tr>
<td>Other Factors</td>
<td>2</td>
<td>No other factors have been identified.</td>
</tr>
</tbody>
</table>


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
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(c); 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(c)]: 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.

<table>
<thead>
<tr>
<th>Law, Authority, or Factor</th>
<th>Mitigation Measure</th>
</tr>
</thead>
<tbody>
<tr>
<td>KY Fish and Wildlife</td>
<td>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.</td>
</tr>
<tr>
<td>Energy and Environment Cabinet - Water Quality Branch</td>
<td>Best management practices should be utilized to reduce runoff from project construction activities into nearby waters.</td>
</tr>
</tbody>
</table>

Determination:
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: [Signature] Date: 5/19/2020

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

Certifying Officer Signature: [Signature] 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


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
<table>
<thead>
<tr>
<th>Environmental Assessment (§58.36)</th>
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<tr>
<td>FONSI/NOI published Date: May 27, 2020</td>
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<tr>
<td>Environmental Certification submitted to KY DLG Date: July 2, 2020</td>
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<td>KY State eClearinghouse comments submitted to KY DLG July 2, 2020</td>
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<tr>
<td>KY Heritage Council-SHPO comments and approval- submitted to DLG July 2, 2020</td>
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<tr>
<td>All required publication(s) tear sheets- submitted to KY DLG July 2, 2020</td>
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<tr>
<td>KY DLG approval received Date signed by KY DLG:</td>
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</table>
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
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
June 19, 2019

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

RE: Jackson Waterline Replacement Project Phase 1
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 #KY29190650844) 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, Warrick 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 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
Abha 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-builds 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 Meri 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
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 Laracuente of my staff at nicolas.laracuente@ky.gov.

Sincerely,

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

CP:nrl KHC #57885
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 KHIC 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,

[Signature]
Jennifer McIntosh
Water & Wastewater Planner

cc: City of Jackson/file
Matt Steen, Nesbitt Engineering
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

SECTION 2: AGENCY INFORMATION

Project Title: Jackson Waterline Replacement Project phase I
Funding/Permitting Agency: CDBG & ARC
Agency Contact Person (name & position): Jeff Hanna, Department for Local Government
Telephone: 602-892-3447 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.
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**Note:** This information report does not constitute a Section 106 consultation or „clearance“ from the HCF/SHPO.

The Site Identification Program of the Kentucky Heritage Council and any host or exhibitor of all historic resources that are actually present have previously recorded with the Site Identification Program includes only those historic resources within or near the project area that have been previously recorded with the HCF/SHPO.
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SHPo and a Federal agency, but for which the determination has not yet been updated, previously determined eligible for listing in the National Register of Historic Places as part of a consensus determination between the federal and state agencies. Please note that those resources for which National Register status is listed as 'undetermined' may include those that have been determined eligible for listing, but for which the determination 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 #: 50856504
Date: 3/26/2020

KHC National Register Districts

DISTRICT NAME

JACKSON COMMERCIAL DISTRICT

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.
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.
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.
Bays Street

Bobcat Lane
Broadway
Broadway (cont.)
Jackson Waterline Replacement Project Phase I

Broadway (cont.)

Cherry Street
Cherry Street (cont.)

Court Street
Jackson Waterline Replacement Project Phase 1

Hawk Street

Hargis
Highland Avenue (cont.)
Highland Avenue (cont.)
Highland Avenue (cont.)
Highland Avenue (cont.)

Hogg Street
Hurst Lane

Ison Street
Jefferson Avenue

Kentucky Avenue
Main Street (cont.)
Main Street (cont.)
Main Street (cont.)
Jackson Waterline Replacement Project Phase I

Patton Avenue (cont.)

Quicksand Road
Quicksand Road (cont.)

River Street
Short Street

Smith Lane

Sycamore Street
Sycamore Street (cont.)
Jackson Waterline Replacement Project Phase I

Warrix Drive

Washington Avenue
Washington Avenue (cont.)

Hotel Jefferson
Hotel Jefferson (cont.)

Guerrant Memorial Presbyterian Church
Jackson Waterline Replacement Project Phase I

Jackson Post Office
Kash Building
Redwine and Terry Buildings
Hogg Building
Jackson Waterline Replacement Project Phase I

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
March 20, 2020

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, Warrick 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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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.
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.
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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 3,684 LF of 10" PVC Lines. This will
encompass all of what is considered the downtown area.
Floodzone AE present in portions of the site.
Exhibit 3

Floodplain and Wetlands

Correspondence, Maps and Data
March 20, 2020

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,

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Water & Wastewater Planner
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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
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/
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
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Subject: FW: Jackson Waterline Replacement Phase I Project

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Thank You,

Jennifer McIntosh
Water & Wastewater Planner
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 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, David.A.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.
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.

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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.

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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Jennifer McIntosh

Water & Wastewater Planner

enclosures
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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/

Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties
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.
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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.
Federal Emergency Management Agency  
Community Status Book Report  
KENTUCKY

Communities Participating in the National Flood Program

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* Filer is now a part of Bracken County

Federal Emergency Management Agency  
Community Status Book Report  
KENTUCKY

Communities Participating in the National Flood Program

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Federal Emergency Management Agency
Community Status Book Report
KENTUCKY

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

KENTUCKY

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| 2102665 | HARDINSBURG, CITY OF        | BRECKINRIDGE COUNTY| 08/04/85             | 09/20/89             | 02/05/88         | 02/05/88      | No     |

Including the area of the former City of
Walton Creek (CED 2115152) which was
abolished.

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| 2101723 | HARRISCOBURG, CITY OF       | MERCIER COUNTY  | 03/15/76             | 08/19/86             | 09/17/03(c)      | 08/19/86      | No     |
| 2102572 | HART COUNTY                 | HART COUNTY     | 07/22/77             | 07/19/81             | 07/19/81         | 07/01/81      | No     |

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* Includes the City of Gilbertsville (CID 2103501) which is denoted and is entirely under the jurisdiction of Marshall County.

** Includes the former City of Washington (CID 2101041) as of 01/21/600 which was not incorporating.

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Federal Emergency Management Agency
Community Status Book Report
KENTUCKY

Communities Participating in the National Flood Program

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4/2/2020, 10:36 AM
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KENTUCKY

Federal Emergency Management Agency
Community Status Book Report

KENTUCKY

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(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
(J) Original FIRM by Letter - All Zone A, C and X
Exhibit 4

Natural Resource Conservation Service Correspondence
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,

[Signature]

Perri Pedley
Soil Scientist
Perri. Pedley@usda.gov

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

An Equal Opportunity Provider and Employer
March 20, 2020

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 L.N, 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
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, Warrick 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.
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 1,064 LF of 2", 538 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.
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.
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", 2,516 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.
Exhibit 5

U.S. Fish and Wildlife Documentation
March 20, 2020

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.

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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/](https://www.fws.gov/frankfort/)**

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**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](http://www.fws.gov)
March 20, 2020

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

Indirect effects — With the installation of new waterlines, water pressure will be greatly increased for the area. This will also reduce the amount of water leaks which in turn will reduce the water loss at the plant. Having a reduced water loss at the plant will mean that the City will have additional capacity. Having additional will reduce the likelihood that they will have to disconnect service to those they wholesale to during emergencies.

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,

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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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.
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 1,064 LF of 2", 536 LF of 4", 8,654 LF of 5", 2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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Flood zone AE present in portions of the site.
Exhibit 6

Kentucky Fish and Wildlife Correspondence
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 Stoebl
Program Coordinator – Fisheries Division
March 20, 2020

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

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

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.

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

Your comments may address beneficial or adverse impacts or, both. 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
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Sincerely,

[Signature]

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Water & Wastewater Planner
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EXHIBIT 7

Wild and Scenic River Data
Kentucky has approximately 49,105 miles of river, of which 19,4 miles of one river are designated as wild & scenic—less than 400ths of 1% of the state’s river miles.

Nourished by the fertile soils of the region, rivers of the Midwest explode with life, from great avian migrations to ancient fishes.
<table>
<thead>
<tr>
<th>Designated Rivers</th>
<th>National System</th>
<th>River Management</th>
<th>Resources</th>
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<td>About WSR Act</td>
<td>WSR Table</td>
<td>Council</td>
<td>Q &amp; A Search</td>
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<td>State Listings</td>
<td>Study Rivers</td>
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<td>WSR Legislation</td>
<td>River Mgt. Society</td>
<td>GIS Mapping</td>
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<td></td>
<td></td>
<td>GIS Mapping</td>
<td>Logo &amp; Sign Standards</td>
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</tbody>
</table>
Exhibit 8

Air Quality Data
**401 KAR 63:010** 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](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](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.
Comments from Division of Air Quality attached.

From: Jennifer McIntosh <jennifer@krajd.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.krajd.org
https://www.facebook.com/KentuckyRiverADD/

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

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Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

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<table>
<thead>
<tr>
<th>Reporting Area</th>
<th>Current AQI</th>
<th>Today’s Forecast Thursday May 7</th>
<th>Tomorrow’s Forecast Friday May 8</th>
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<td>Mammoth Cave National Park</td>
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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 2-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1976) standard was revoked on June 16, 2005. All Carbon Monoxide areas were redesignated to maintenance areas as of September 27, 2010.

Mouse over the underlined number of countys to see the area name; click to see the associated countys.

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<td>3,850 2 Mod</td>
<td>17 1 Mod</td>
<td>11 2 Mod</td>
<td>15 2 Mod</td>
<td>30 1 Mod</td>
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<td>52 1 Mod</td>
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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 that 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.
Exhibit 9
Division of Water Correspondence
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
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,

[Signature]
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 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, David.A.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 Taami

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.
**Fish and Wildlife**
Dan Steilb

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 Steilb @ 502-892-4453 or Daniel.Steilb@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-buils 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 Singleton

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 (502-782-6936).
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

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**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/

Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties
Honorable Rose Wolfe  
Jackson Municipal Water Works  
333 Broadway  
Jackson, KY 41339

January 17, 2018

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 equality)

- 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,

David L. Messer
Drinking water Technical Assistance
Division of Water
FYI – the contact has changed: Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

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

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

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](http://www.kradd.org)
[https://www.facebook.com/KentuckyRiverADD/](https://www.facebook.com/KentuckyRiverADD/)
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,

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Thank You,

Jennifer McIntosh  
Water & Wastewater Planner
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, David.A.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.
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@kraad.org. Thank you, for your time and assistance.

Sincerely,

Jennifer McIntosh

Jennifer McIntosh

Water & Wastewater Planner

enclosures
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, Cwsley, Perry and Wolfe Counties
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", 2,512 LF of 8" and 3,684 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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", 535 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
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 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
401 KAR 63:010 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.
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
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Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties
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.

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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 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
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",
2,516 LF of 8" and 3,884 LF of 10" PVC Lines. This will
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There are no identified drainage problem areas.
Shall replace 1,084 LF of 2", 1,536 LF of 4", 8,654 LF of 6", 2,516 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.
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.
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@kjrad.org>
Sent: Wednesday, May 13, 2020 9:09 AM


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
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,

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941 North Main Street
Hazard, KY 41701
Phone: 606-436-3153
Fax: 606-436-2144
Website: www.kradd.org
https://www.facebook.com/KentuckyRiverADD/

Serving Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties
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, Warrick 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
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.
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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NOTES:
There are no Minority Concentrations in the Jurisdiction.
No property to be acquired in this project.
There are no identified drainage problem areas.
Shell replaces 1,084 LF of 2", 639 LF of 4", 8,654 LF of 6", 2,516 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

0.2 PCT ANNUAL CHANCE FLOOD HAZARD
A
AE
Exhibit 10

Site Contamination Data
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.

**Quick Facts for 2018**

<table>
<thead>
<tr>
<th>ZIP Code 41339</th>
<th>United States</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of TRI Facilities:</td>
<td>21,548</td>
</tr>
<tr>
<td>Total Production-Related Waste Managed:</td>
<td>32.1 billion lbs</td>
</tr>
<tr>
<td>Total On-site and Off-site Disposal or Other Releases:</td>
<td>3.8 billion lbs</td>
</tr>
<tr>
<td>Total On-site:</td>
<td>3.3 billion lbs</td>
</tr>
<tr>
<td>• Air:</td>
<td>601.9 million lbs</td>
</tr>
<tr>
<td>• Water:</td>
<td>195.3 million lbs</td>
</tr>
<tr>
<td>• Land:</td>
<td>2.5 billion lbs</td>
</tr>
<tr>
<td>Total Off-Site:</td>
<td>473.9 million lbs</td>
</tr>
</tbody>
</table>

**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
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

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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

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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

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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](http://www.kradd.org)
[https://www.facebook.com/KentuckyRiverADD/](https://www.facebook.com/KentuckyRiverADD/)

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

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

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
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", 536 LF of 4", 8,654 LF of 6",
2,518 LF of 8" and 3,684 LF of 10" PVC Lines. This will
encumbrance 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 13

FEMA Correspondence
March 20, 2020

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 toward 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,

[Signature]

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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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.
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 1,064 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.
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 3,584 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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", 8,634 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.
Exhibit 14

Project Maps
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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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, IGN, USGS, AGRC, "Wood, and"
Exhibit 15

Scoping Letters
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,

[Signature]

Jennifer McIntosh  
Water & Wastewater Planner

enclosures

CC: City of Jackson file  
Matt Steen, Nosbit Engineering
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 1 |

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 #: P253274 |

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.

KHC 106 Cover Sheet Version 4-17
SHPO and a Federal agency, but for which the determination field has not yet been updated.

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 three agencies.

<table>
<thead>
<tr>
<th>Site Name</th>
<th>NR District</th>
<th>NR Site</th>
<th>Architectural Style</th>
<th>Construction</th>
<th>Elig. Determination</th>
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<td>Kash Building Office</td>
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<td>Jefferson Post Office</td>
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Confidential Information Not for Public Release

The Identification Program of the Kentucky Heritage Council and may not be construed as an exhaustive list of all historical resources that are actually present.

This information report includes only those historic resources within or near the project area that have been previously recorded with the

Kentucky Heritage Council

Site Identification Program

401 High Street, Frankfort, KY 40601
<table>
<thead>
<tr>
<th>Location</th>
<th>Name</th>
<th>EST Construction</th>
<th>Architectural Style</th>
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<td>WHOLESALE A CANN'S</td>
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<td>BURLINGTON COLLEGE</td>
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Page 3 of 3
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
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-osu@uky.edu.
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 (cont.)
Jackson Waterline Replacement Project Phase I

Broadway (cont.)

Cherry Street
Jackson Waterline Replacement Project Phase I

Hawk Street

Hargis
Jackson Waterline Replacement Project Phase 1

Hargis (cont.)

Highland Avenue
Highland Avenue (cont.)
Highland Avenue (cont.)
Lincoln Avenue

Main Street
Main Street (cont.)
Main Street (cont.)
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
Sycamore Street (cont.)
Washington Avenue (cont.)

Hotel Jefferson
Jackson Waterline Replacement Project Phase I

Hotel Jefferson (cont.)

Guerrant Memorial Presbyterian Church
Kash Building
Jackson Waterline Replacement Project Phase I

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
Jackson Waterline Replacement Project Phase I

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

Stacey Hotel burned and is now a vacant lot.
Breathitt County Jail
Lee's JR College Administration Building
March 20, 2020

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 1900s 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 farmland
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@kraad.d.org. Thank you, for your time and assistance.

Sincerely,

[Signature]

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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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", 3,654 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.
NOTES:
There are no Minority Concentrations in the Jurisdiction.
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 3,684 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
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", 6,954 LF of 6",
2,516 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.
March 20, 2020

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,

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Water & Wastewater Planner
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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.
Shell replace 1,084 LF of 2", 538 LF of 4", 6,654 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.
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Floodzone AE present in portions of the site.
F.Y.I - the contact has changed: Shawn Hokanson, Floodplain Management Section, (502) 782-6977, Shawn.Hokanson@ky.gov.

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

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

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

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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/
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, David.A.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.
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.

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Sincerely,

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Water & Wastewater Planner
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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
NOTES:
There are no Minority Concentrations in the Jurisdiction. No property to be acquired in this project.
There are no identified drainage problem areas.
Shell replace 1,094 LF of 2", 636 LF of 4", 0.054 LF of 5", 2,518 LF of 8" and 9,694 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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Shall replace 1,084 LF of 2", 536 LF of 4", 8,654 LF of 6",
2,515 LF of 8" and 3,684 LF of 10" PVC Lines. This will
encompass all of what is considered the downtown area.
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", 8,684 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.
March 20, 2020

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
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 farmland 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.
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", 8,854 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
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", 538 LF of 4", 8,054 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.
March 20, 2020

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 1960'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, Wartix 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.

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.

Indirect effects — With the installation of new waterlines, water pressure will be greatly increased for the area. This will also reduce the amount of water leaks which in turn will reduce the water loss at the plant. Having a reduced water loss at the plant will mean that the City will have additional capacity. Having additional will reduce the likelihood that they will have to disconnect service to those they wholesale to during emergencies.

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,

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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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.
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 1,064 LF of 2", 536 LF of 4", 8,684 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.
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.
March 20, 2020

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

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

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 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. Coordinates for this project are (center of
downtown) -83°23'14.498"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.

Indirect effects - With the installation of new waterlines, water pressure
will be greatly increased for the area. This will also reduce the amount of
water leaks which in turn will reduce the water loss at the plant. Having a
reduced water loss at the plant will mean that the City will have additional
capacity. Having additional will reduce the likelihood that they will have
to disconnect service to those they wholesale to during emergencies.

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 and endangered/threatened species. I have enclosed a
project location, floodplain, and wetland map(s) and a project description
for your reference.

Your comments may address beneficial or adverse impacts or, both. 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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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.
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", 638 LF of 4", 8,654 LF of 6", 2,516 LF of 8" and 3,684 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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
encompass all of what is considered the downtown area.
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
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 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.
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
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", 8,684 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.
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 3,084 LF of 10" PVC Lines. This will encompass all of what is considered the downtown area.
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 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.
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
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
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.
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.
March 20, 2020

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.

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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 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,

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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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.
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 1,064 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.
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 1,884 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.
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", 596 LF of 4", 8,634 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