



WIFIA PEA QUESTIONNAIRE AND SUPPORTING DOCUMENT CHECKLIST

VERSION: February 2021

The Programmatic Environmental Assessment (PEA) Environmental Questionnaire helps verify the applicability of the PEA for a Water Infrastructure Finance and Innovation Act (WIFIA)-funded project. Compliance with other federal and state environmental laws and regulations is required, as appropriate and applicable. These could include, for example, those requiring site-specific consultations with other federal, state, Tribal governments and agencies (such as consultation under the Endangered Species Act (ESA) or National Historic Preservation Act (NHPA)); completing National Environmental Policy Act (NEPA)-like requirements of the state; or complying with certain state requirements for water and wastewater systems.

Completing the PEA questionnaire can be an iterative process. The document may be revised after its initial submittal following project changes or clarifying questions made by EPA.

The borrower should submit a completed PEA questionnaire (attached as Appendix A) including all relevant information and supporting documents listed in this checklist.

Appendix A Question	Checklist Item or Instructions	Included
General Guidance	<ul style="list-style-type: none">• All questions have been answered fully based on all available information.• All resource impacts have been evaluated and check boxes are filled in for each row.• All supporting documentation is referenced and attached.• Additional pages are attached as necessary.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Question 3: Project Description	<ul style="list-style-type: none">• Describe <u>each</u> project component or subproject outlined in the WIFIA Application Section E.<ul style="list-style-type: none">○ Note if components are new, replacements, or rehabilitations.○ Provide size of construction site footprint, length of right(s)-of-way, specific volumes/capacities.○ Indicate if the project or components are still in the early phases of design and if specific details are not yet available.• Note project phases (if applicable).	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Question 4: Project Location	<ul style="list-style-type: none">• Provide location descriptions for <u>each</u> project component or subproject outlined in the WIFIA Application Section E.<ul style="list-style-type: none">○ Provide Street address or nearest intersection.○ Note if located at a new or existing site.○ Note if located within existing, adjacent to existing or new right(s)-of way.○ Note any previous site disturbances or current usage.○ Note existing land cover/vegetation.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



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Appendix A Question	Checklist Item or Instructions	Included
	<ul style="list-style-type: none"> ○ Provide Site coordinates. ● Provide project overview map, showing all project components in one map. ● Provide maps of each project component, including: <ul style="list-style-type: none"> ○ Additional maps for clarity. ○ Maps labeled appropriately, with relevant streets and roadways. ○ Map surroundings should be visible. ○ Provide ArcGIS Project Shapefiles of project components, as appropriate. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Sections A through M: Impact Assessment	<p>Assess anticipated impacts for each environmental resource. For each resource check the appropriate box if there are no impacts, less than significant impacts, or potentially significant impact as described in each resource section in the PEA.</p> <ul style="list-style-type: none"> ● No Impact: Mark the “no impact” box if there is no potential for the project to affect a resource (e.g., the project falls outside a coastal zone). ● Less Than Significant Impact: Mark the “less than significant impact” box if the incorporation of mitigation measures will reduce an effect from “potentially significant impact” to “less than significant impact”. ● Potentially Significant Impact: Mark the “potentially significant impact” box if impacts remain significant despite the incorporation of mitigation measures, or if impacts fall outside the scope of those considered in the PEA. Check this box for a proposed action that is likely to have significant effects or when the significance of the effects is unknown. ● Narrative Description: Provide a narrative for each box checked “less than significant impact” or “potentially significant impact”. A narrative is <u>not</u> required for boxes checked “no impact”. Narrative description may be included in the space provided or additional pages may be added. <ul style="list-style-type: none"> ○ Include a description of the <u>impact(s)</u> (both construction and operational impacts). ○ Include a description of associated <u>mitigation measures</u>, <u>Best Management Practices (BMPs)</u>, and/or <u>Standard Operating Procedures (SOPs)</u> to avoid, minimize or compensate for impacts. ○ Provide adequate supporting <u>references and citations</u> for impact and mitigation assessments. 	



APPENDIX A: ENVIRONMENTAL QUESTIONNAIRE FOR WIFIA CREDIT ASSISTANCE PROJECTS

This questionnaire will be used for most WIFIA funded projects and supports the PEA “tiering” framework, the PEA’s associated preliminary Finding of No Significant Impact (FONSI), and project specific NEPA documentation for the WIFIA program. WIFIA credit assistance to Clean Water and Drinking Water State Revolving Fund (SRF) programs should use the questionnaire in Appendix B.

1. WIFIA Project name:

Click or tap here to enter text.

2. WIFIA Borrower:

Click or tap here to enter text.

3. Project Description: *Describe each project component or subcomponent outlined in the WIFIA Application Section E.*

Component: Click or tap here to enter text.
Description: Click or tap here to enter text.
Component is: <input type="checkbox"/> New <input type="checkbox"/> Replacements <input type="checkbox"/> Rehabilitation
Stage of design: Click or tap here to enter text.

Component: Click or tap here to enter text.
Description: Click or tap here to enter text.
Component is: <input type="checkbox"/> New <input type="checkbox"/> Replacements <input type="checkbox"/> Rehabilitation
Stage of design: Click or tap here to enter text.

*Note: Create additional tables for all components



4. **Project Location:** *Answer the questions below about project location for each component or subproject. Attach or provide project maps of the entire project, each project component and ArcGIS project shapefiles, as applicable.*

Click or tap here to enter text.

Provide a location for each project component or subcomponent outlined in the WIFIA Application Section E.

Select the checkbox(es) that best describe the project: <input type="checkbox"/> Within an existing facility, easement or right(s)-of-way. <input type="checkbox"/> Outside of an existing facility, easement or right(s)-of-way. <input type="checkbox"/> Site previously undisturbed <input type="checkbox"/> Site previously disturbed
Describe the current site use, landcover, and/or vegetation: Click or tap here to enter text.
Street address or nearest intersection: Click or tap here to enter text.
Site coordinates (Latitude/Longitude, or Decimal Degrees): Click or tap here to enter text.

*Note: Create additional tables for all components

5. **Project type: (Check all that apply):**

Identify if any of the following apply to the project:

<input type="checkbox"/> Program of projects: Projects that consist of a common type of work within a similar construction time frame (up to 5 years) that may have unknown project locations within a general geographic area (e.g., pipe repair and manhole replacement projects over several years).
<input type="checkbox"/> Combination of projects: A group of projects with a common purpose that have defined locations and similar construction schedules.
<input type="checkbox"/> Not Applicable (N/A)



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Identify which project type(s) best describe the project:

<input type="checkbox"/> Wastewater Projects
<input type="checkbox"/> Drinking Water Projects
<input type="checkbox"/> Energy Efficiency Enhancement Projects
<input type="checkbox"/> Repair, Rehabilitation, and Replacement Projects
<input type="checkbox"/> Brackish or Seawater Desalination Projects
<input type="checkbox"/> Drought Prevention, Reduction, or Mitigation Projects
<input type="checkbox"/> Acquisition of Real Property Projects
<input type="checkbox"/> Combination Wastewater or Drinking Water Projects
<input type="checkbox"/> Other [Please explain]

6. Describe any environmental permits or approvals needed for the project (e.g., federal, state, local) and the status of any permit:

Click or tap here to enter text.

Permit/Authorization	Issuing agency	Status	Date Issued/Anticipated
Clean Water Act 404 Click or tap here to enter text.	USACE	<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
Clean Water Act 401 Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
Coastal Zone Management Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
Fish and Wildlife Service Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
National Marine and Fisheries Service Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
State Historic Preservation Office Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	
Click or tap here to enter text.		<input type="checkbox"/> Received <input type="checkbox"/> Application Submitted <input type="checkbox"/> To Be Submitted	

*Note: Additional rows may be added as necessary



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A. LAND USE:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Conversions of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), to non-agricultural use as defined under the Farmland Protection Act 7 U.S.C. 4201 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Conflicts with any applicable land use plan, policy, act, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, habitat conservation plan, specific plan, local plan, or zoning ordinance).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE LAND USE IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Compatibility with state and local government and private programs and policies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Measures agreed upon in coordination with stakeholders.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

Click or tap here to enter text.



B. AIR QUALITY:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Conflicts with or delays in implementation of any applicable federal, state, or local air quality plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Violations of any federal air quality standards or contributions to an existing or projected air quality violation (including protected areas designated as mandatory Federal "Class I").	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Increases in any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Releases of objectionable odors, such as hydrogen sulfide.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE AIR QUALITY IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Odor minimizing facility design or emission control devices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Use of energy efficient technologies, such as anti-idling measures for construction vehicles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use of dust suppression techniques, such as water for dust suppression, reducing vehicle speeds, cover truck loads during transit, rumble strips, truck washing stations during construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

Click or tap here to enter text.



C. NOISE AND VIBRATION:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies; or generation of noise resulting in public health impacts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Permanent increases in ambient noise levels in the project vicinity above levels existing without the project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Temporary or periodic increases in ambient noise levels in the project vicinity above levels existing without the project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Generation of vibration that could increase the risk of structural damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE NOISE IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Compliance with local ordinances and land use designations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Placing intakes and exhausts facing away from sensitive receivers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Attenuation of fan noise and pump and motor noise.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Use of general noise reduction measures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.

Click or tap here to enter text.



D. GEOLOGY AND SOILS:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Exposure of people or structures to hazards from unstable soils, landslide, lateral spreading, subsidence, liquefaction or collapse.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Increase in soil erosion or loss of topsoil.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Loss of economic viable mineral deposits, scientifically significant paleontological resources, or unique geological features.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE IMPACTS TO GEOLOGY AND SOIL:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Use of erosion control and site stabilization BMPs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Implementation of a stormwater pollution prevention plan and fugitive dust control plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Implementation of effective site selection and design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

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E. WATER RESOURCES:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Violations of any federal water quality standards or waste discharge requirements, including degradation of water quality.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Depletion or contamination of groundwater supplies (including sole-source aquifers) or negatively interfere with groundwater recharge.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Alteration of the drainage pattern of a water resource that would result in an increase in erosion or flooding on- or off-site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Soil erosion or stormwater runoff that increases sediment, pollutants, or contaminates into streams, rivers, or other water resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Floodplain modification, development within, or redirection, as defined by Executive Order 11988.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Increase in flood risk affecting loss on human safety, health, and welfare.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Loss, degradation, or destruction of wetlands and waterbodies through direct removal, filling, hydrological interruption, or other means.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Alteration of wild and scenic rivers as defined by the Wild and Scenic River Act 16 U.S.C. 1271 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Conflicts with the Rivers and Harbors Act, 33 U.S.C. 403.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Conflicts with the Coastal Barrier Resources Act, 16 U.S.C. 3501 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Conflicts with the enforceable policies of a state's federally approved coastal management program (the Coastal Zone Management Act, 16 U.S.C. 1451 et seq.).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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PEA EXAMPLES TO REDUCE IMPACTS TO WATER RESOURCES:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Use of appropriate erosion and sediment control measures, BMPs, and site stabilization.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Implementation of effective site selection and design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use of appropriate erosion and sediment control measures, BMPs, and site stabilization.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Implementation of effective site selection and design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

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F. BIOLOGICAL RESOURCES:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Jeopardizes the continued existence of any federally threatened or endangered species as identified by the U.S. Fish and Wildlife Service (USFWS) or National Marines Fisheries Service (NMFS) in the Endangered Species Act 16 U.S.C. Ch. 35 § 1531 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Adversely modify, fragment, or degrade of critical habitat by the USFWS or NMFS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Modification, fragmentation, or degradation of biological sensitive areas other than designated critical habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Harm to fauna, including mammals, birds, reptiles, amphibians, fish, and invertebrates.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Changes in vegetation type (native to the region), particularly if the vegetation type in the region is already highly fragmented because of human activity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Potential to injure or disturb marine mammals in U.S. waters as protected under Marine Mammal Protection Act as defined under 16 U.S.C 1361-1407.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Reduction in the quality or quantity of Essential Fish Habitat as designated in accordance with the Magnuson Stevens Fisheries Conservation and Management Act.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Disturbances to Bald or Golden Eagles as defined under 16 U.S.C. 668 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Disturbances to migratory birds as defined under 16 U.S.C. 703-712 as amended.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Conflicts with the provisions of an adopted Habitat Conservation Plan as approved under section 10 (a) (1) (B) of the ESA or other federal habitat conservation plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Introduction or spread of invasive species as identified under Executive Order 13112.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Loss of or damage to wildlife resources due to the control or modification of any stream or other body of water protected by the Fish and Wildlife Coordination Act 16 U.S.C. 661-667e	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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PEA EXAMPLES TO REDUCE IMPACTS TO BIOLOGICAL RESOURCES:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Implementation of avoidance and minimization measures, and BMPs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Adoption of recommendations and conservation measures from USFWS, NMFS and/or the National Oceanic and Atmospheric Administration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Prevention of spills and leaks from vehicles and equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Implementation of measures to minimize soil compaction and the transportation of noxious, invasive and pest species.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Click or tap here to enter text.



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G. CULTURAL RESOURCES:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Potential adverse effects to federally listed and eligible historical properties, including prehistoric and historic sites, historic districts and traditional cultural properties, as defined in 36 CFR part 800.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Modification of unique paleontological resources or site or unique geologic features.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Disturbance of human remains, including those interred outside of formal cemeteries.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Conflicts with Native American Graves Protection and Repatriation Act, as defined in 25 U.S.C. § 3001 et seq.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Conflicts with the Archaeological Resources Protection Act, as defined in 16 U.S.C. §§ 470AA-MM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE IMPACTS TO CULTURAL RESOURCES:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Implementation of effective site selection and design.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Implementation of avoidance and minimization measures identified in consultation with the State Historic Preservation (SHPO) and/or Tribal Historic Preservation Officer (THPO).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Conduct surveys prior to construction.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Development of an unanticipated discoveries plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

Click or tap here to enter text.



H. SOCIOECONOMIC AND ENVIRONMENTAL JUSTICE:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Changes to the demographics around project location, such as population growth.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Modifications to economic factors such as per capita income, unemployment rate, or poverty.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Alterations to social assets, such as housing or public services.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Disproportionate high and adverse human health environmental effects on minority population and low-income populations as defined under Executive Order 12898.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE SOCIOECONMIC AND ENVIRONMENTAL JUSTICE IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Implementation of construction mitigation measures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Measures identified as a result of conducting meaningful public engagement to environmental justice communities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Click or tap here to enter text.



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I. TRANSPORTATION AND TRAFFIC:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Changes to traffic patterns around the project area including, but not limited to, the arrival and departure of construction workers, vehicles hauling equipment and materials to the site, road closures or detours, and slower movement and larger turning radii of truck going to project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE TRANSPORTATION AND TRAFFIC IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Mitigation measures identified in coordination with local agencies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Use of warning signage, flag persons.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Use of lane closures and detours as necessary.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Click or tap here to enter text.



J. UTILITIES AND COMMUNITY SERVICES:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Changes to electric, cable, gas, sewer, water, stormwater, and other existing utility services.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Changes to community services, such as open space, recreational and cultural facilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE IMPACTS TO UTILITIES AND COMMUNITY SERVICES:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Identification and avoidance of utilities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Coordination with service providers and minimization of service interruption.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Mitigation measures identified in coordination with park and recreational resource managers/agencies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.

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K. HAZARDOUS AND TOXIC MATERIALS AND WASTE:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Accidental releases, spills, or improper storage and disposal of hazardous materials.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Conflicts with Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Solid Waste Disposal Act, Toxic Substances Control Act, and Emergency Planning and Community Right-to-Know Act.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Generation or increase in the amount of sewage sludge that is not in compliance with EPA standards for the use or disposal of sewage sludge.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE HAZARDOUS AND TOXIC MATERIALS AND WASTE IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Mitigation measures identified through compliance with applicable hazardous and toxic materials laws and regulations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Implementation of environmental protection measures, BMPs, and Standard Operating Procedures (SOPs).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Development or Adoption of an Emergency Plan/Emergency Response Plan (or similar).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.

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US Environmental Protection Agency
WIFIA Program
PEA Environmental Questionnaire

L. HUMAN HEALTH AND SAFETY:	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Creating occupational health hazards for workers during construction or operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Creating or contributing to environmental health or public health risks and safety risks that may disproportionately affect children, consistent with Executive Order 13045.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Creating or contributing to public health risk of immediate injury or long-term health hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEA EXAMPLES TO REDUCE HUMAN HEALTH AND SAFETY IMPACTS:	NOT APPLICABLE	NOT INCORPORATED	INCORPORATED
1. Implementation of a health and safety plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Limiting site access to authorized personnel only.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Implementation of fugitive dust minimization measures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NARRATIVE DESCRIPTION: *Please provide a narrative description of the impacts (including construction and operation impacts) associated with any items with checked boxes in the less than significant impact or potentially significant impact columns. Identify and describe any mitigation measures, BMPs and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. Examples that were considered within the PEA are listed in, but not limited to, the table above. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.*

Click or tap here to enter text.



M. OTHER ENVIRONMENTAL EFFECTS	IMPACT ANTICIPATED		
	NO IMPACT	LESS THAN SIGNIFICANT IMPACT	POTENTIALLY SIGNIFICANT IMPACT
1. Click or tap here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Click or tap here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Click or tap here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Click or tap here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Click or tap here to enter text.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Note: Additional rows may be added as necessary

NARRATIVE DESCRIPTION: Please identify and describe any other reasonably foreseeable environmental effects from the proposed action not previously identified in Tables A to L that may have less than significant impacts or potentially significant impacts. These effects may include effects that are later in time or farther removed in distance from the proposed action. Identify and describe any mitigation measures, BMPs, and/or SOPs that may avoid, minimize or compensate for the impacts, including those that reduce impacts to less than significant. In addition, provide all mitigation measures, BMPs, and/or SOPs not identified previously in the document that will be included in the project. References to existing supporting documentation (document name, section, page number) may be included as well as a summary of the relevant information.

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