

**Binder 2 Index & Cross-Reference**

**Appendix A: ACOE Required Information**

<b>Item Number</b>	<b>Required Information</b>	<b>JPA Reference Section Location of Information in Permit Application</b>
1	Describe the overall project and provide a general location map of the entire project area.	BBNPP JPA Section H – Project Description BBNPP JPA Section G – Location Map
2	Show the relationship of proposed work location to submerged and terrestrial historic sites, parks, named swamps and wetlands, streams, and any other resource of concern.	Appendix A, Section 2
3	Provide a large view overall plan sheets showing existing site conditions and proposed work.	BBNPP JPA Section F – Project Plans
4	Provide large plans and 8½" x 11" plan sheets for the proposed impact areas; provide top view, cross section and/or profile drawings that include dimensions of all structures and fill proposed, including elevation and materials relative to jurisdictional waterway and wetland boundaries.	BBNPP JPA Section F – Project Plans (Large Plan Sheets) Appendix A, Section 4 (8½" x 11" Plans)
5	Provide a detailed written description of the project, including dimensions and structural composition of culverts, pipelines, building structures, access roads, stormwater management facilities, and any other attendant features of project construction; Identify the disposal sites for excess fill material and suitable dredge material disposal, including site capacity and site plans.	BBNPP JPA Section H – Project Description

6	Identify permanent and temporary impacts; include a definition of temporary by timeframe and describe restoration of the proposed temporary impact; Indicate the anticipated impact area for use of temporary marsh mats, and indicate the dimensions of marsh mat.	BBNPP JPA Section J – Environmental Assessment Part 2, Enclosure D
7	Provide a time schedule for obtaining all Federal, State, and local authorizations for the proposed project and provide a construction schedule.	Appendix A, Section 7
8	Describe the purpose and need for the project, including public need and benefit, users, suppliers, any other supporting information.	BBNPP JPA Section Q – Alternatives Analysis
9	Describe existing land use and waterway use of the project location.	BBNPP JPA Section J – Environmental Assessment Part 1, Enclosure C
10	Describe potential cumulative impacts relative to project purpose and future additional expansion.	BBNPP JPA Section J – Environmental Assessment Part 2, Enclosure D Appendix A, Section 10
11	Describe on-site and off-site avoidance and minimization of impacts and why impacts were not avoided.	BBNPP JPA Section Q – Alternative Analysis
12	Describe maintenance, including preservation, of existing structures and protection of structures during construction; Indicate the existing roads, buildings, and/or facilities that would be removed or relocated.	Appendix A, Section 12

13	Describe how the project construction and maintenance may affect the existing utility or roadways easement corridors relative to their maintenance and potential future expansion and address all potential safety issues relative to construction and operation within these types of corridors. Describe work in rights-of-ways, including maintenance and amount of tree clearing in these areas.	Appendix A, Section 13
14	Describe the method of work including equipment access, staging areas, maintenance; restoration of pre-construction contours, stream diversion, and sequence of construction.	Appendix A, Section 14
15	Overlay the proposed plans on aerial photography (source and date indicated) and on maps showing Wetlands of Special State Concern, National Wetlands Inventory, County soil surveys, DNR wetland map, and topography map.	Appendix A, Section 15
16	Provide any other supporting information.	Appendix B and C
17	Names and address of adjacent property owners and nearby community associations in print and electronic format	JPA Binder 1
18	Identify all streams, named wetlands, and swamps. The stream name must include a listing of all the downstream waterway links to the Susquehanna River - a description of the connection of the waterway/wetland to navigable waters (nontidal wetland adjacent to an unnamed tributary to X creek, which is a tributary to X river, a tributary to X river, which is a navigable waterway).	BBNPP JPA Section J – Environmental Assessment Part 1, Enclosure C

19	<p>Indicate the square foot area and acreage of each proposed wetland impact. Indicate whether it abuts, is adjacent to a stream or is isolated.</p> <p>Indicate the type of wetland proposed to be impacted, indicate the total area of the wetland to be impacted and the proposed impact area, indicate the latitude and longitude coordinates of each wetland proposed to be impacted.</p>	BBNPP JPA Section J – Environmental Assessment Part 2, Enclosure D
20	<p>Indicate the length and average width at the approximate ordinary high water mark of each stream proposed to be impacted. Indicate the total length and area of the stream to be impacted and the proposed impact length and area. Indicate the latitude and longitude coordinates of each stream proposed to be impacted at the upstream and downstream proposed impact limits. Describe the condition of the stream in the proposed impact area.</p>	BBNPP JPA Section J – Environmental Assessment Part 2, Enclosure D; Appendix A, Section 20
21	Indicate method of dredging.	Appendix A, Section 21
22	Provide a plan showing the existing shoreline configuration and nearby pier facilities and/or remnants, pilings, shoreline erosion control structures, non-tidal wetlands, and property lines with adjacent landowners names and addresses.	BBNPP JPA Section F – Project Plans
23	Show the project location relative to submarine cables, pipelines, outfalls, ditches or any stormwater conveyance systems.	BBNPP JPA Section F – Project Plans
24	Provide a cross-section drawing of the dredge area, including side slopes relative to the bottom substrate and ordinary high water mark.	BBNPP JPA Section F – Project Plans
25	Indicate the disposal site, location, and capacity, and provide plans.	Appendix A, Section 25

26	Describe vessels utilizing the facility including type, length, width, and draft, the expected use of the proposed facility as it relates to navigation activity, the purpose of the proposed project and the historic use of the property and project area waterway.	Appendix A, Section 26
27	Indicate the distance from the channelward end of the proposed work to the navigational fairway.	Appendix A, Section 27
28	Identify fisheries and living resources information.	BBNPP JPA Section J – Environmental Assessment Part 1, Enclosure C; Appendix B
29	Identify future maintenance needs.	Appendix A, Section 29
30	Provide bottom sediment substrate composition.	Appendix A, Section 30
31	Provide a sediment analysis for the presence of hazardous dredgate and pollutants (volatiles, acid, base-neutral compounds, pesticides, and PCBs)	Appendix A, Section 31 Appendix B, Section 14
32	Describe invasive plant species monitoring and restoration in proposed work areas.	Appendix A, Section 32
33	Describe emergency procedures in the event of construction and operation accident.	Appendix A, Section 33
34	Describe potential issues with return water into the Susquehanna River, such as thermal pollution, water quality, bottom scouring at outlet, etc.	Appendix A, Section 34
35	Provide a copy of the Corps jurisdictional determination and plans (only need forms and letter).	BBNPP JPA Section J – Environmental Assessment Part 1, Enclosure A
36	Wetland Jurisdictional Determination drawings - 8½" x 11" plan sheets showing existing site conditions and proposed work.	BBNPP JPA Section J – Environmental Assessment Part 1, Enclosure A

37	Provide copies of the Rapanos forms for the jurisdictional determination.	Appendix A, Section 37
<b>Specific Corps Questions for this Project</b>		<b>Location of Information in Permit Application</b>
38	A detailed analysis of all possible forms of energy that could meet the project purpose. The analysis should include but not be limited to fossil fuel, fission, hydroelectric, biomass, solar, wind, geothermal, fusion and other potential near future energy options including a complete description of the criteria used to identify, evaluate, and screen project alternatives.	BBNPP JPA Section Q – Alternative Analysis
39	A detailed analysis of the steps taken to minimize the proposed on-site impacts and the reasons for amending the project as changes developed from the initial proposal through to the current proposal and ultimately to a project that would further minimize the currently proposed impacts, including a complete description of the criteria used to identify, evaluate, and screen project alternatives. Include methods to minimize dredging and construction-related turbidity as well as adverse effects to water quality and natural and cultural resources. Quantify impacts for each on-site alternative.	BBNPP JPA Section Q – Alternative Analysis
40	A proposal to reduce wetland and stream impacts to the minimum necessary to meet access and safety requirements including methods to relocate or redesign the proposed construction laydown areas to uplands and modifications to the construction schedule so that the areas proposed for permanent impacts could be utilized as construction laydown areas.	BBNPP JPA Section Q – Alternative Analysis
41	A detailed mitigation plan including proposed mitigation methods and proposed mitigation site(s), wetland creation and enhancement plans, and stream mitigation.	BBNPP JPA Section R – Mitigation Plan

42	Copies of all previously issued Federal, State, and local permits and plans for the existing facilities at the project site as well as a description and plans for all mitigation completed for these previously authorized projects.	Appendix A, Section 42
43	A narrative to describe and quantify cumulative and indirect wetland and stream impacts resulting from the project.	BBNPP JPA Section J – Environmental Assessment Part 2 , Enclosure D
44	A vicinity map and plan for the disposal options for any excess fill material resulting from construction.	Appendix A, Section 44
45	A narrative addressing public benefits of this project separate from the project's proponents benefits.	BBNPP JPA Section Q – Alternatives Analysis
46	A description of the relative extent of the public and private need for the proposed project.	BBNPP JPA Section Q – Alternative Analysis
47	Will the construction and heavy haul roads be permanent use roads?	BBNPP JPA Section F – Project Plans Appendix A, Section 47