**ORM Project Name:** Enter ORM project Name

**ORM Identification Number:** Enter ORM ID number

**Waters in the review area that are included in this significant nexus analysis:** Click or tap here to enter text.

**Appendix A** #X of X**: Significant Nexus Analysis for potential paragraph (a)(3)(ii) and (a)(4)(iii) waters**:

Completion of this appendix is ***required*** for all potential paragraph (a)(3)(ii) and (a)(4)(iii) waters. Use a separate Appendix A for each catchment assessed.[[1]](#footnote-3)

1. Identify and describe the catchment (region): (location of downstream limit of catchment, and approximate size and extent of the catchment) (include map of catchment showing all similarly situated tributaries and adjacent wetlands, and the location of the review area):

Click or tap here to enter text.

1. Identify the paragraph (a)(1) water to which the tributary of interest directly or indirectly flows:

Click or tap here to enter text.

1. Describe the flow path from the downstream limit of the tributary of interest to the paragraph (a)(1) water:

Click or tap here to enter text.

1. Use the tables below to identify similarly situated tributaries and adjacent wetlands in the catchment. When an identified subset of similarly situated waters provides a sufficient science-based justification to conclude presence of a significant nexus, for efficiency purposes a significant nexus analysis need not require time and resources to locate and analyze all similarly situated waters in the entire catchment. If determining that there is no significant nexus, this assessment must include all similarly situated tributaries and adjacent wetlands in the catchment.
	1. List similarly situated tributaries within the catchment, including the tributary of interest. The names of tributaries should be consistent with the names on the catchment map.

| Tributary Name | Tributary Size | Describe rationale for the determination that this waterbody is a tributary and part of a tributary system |
| --- | --- | --- |
| N/A  | N/A  | N/A | N/A |

1. List all similarly situated adjacent wetlands within the catchment that are used in the analysis and provide information to support the determination that the wetland is adjacent.

| Wetland Name | Wetland Size | Describe rationale for the determination that this water is a wetland, identify the paragraph (a)(2) or (a)(3) water to which the wetland is adjacent, and support the determination that the wetland meets adjacency criteria. |
| --- | --- | --- |
| N/A  | N/A  | N/A | N/A |

1. If a subset of the similarly situated waters is being used for the significant nexus analysis, discuss how this subset of the similarly situated waters provides sufficient science-based justification to conclude the presence of a significant nexus with the paragraph (a)(1) water.

N/A

1. Use the tables below to consider the factors and assess the functions provided by the similarly situated waters within the catchment area of the tributary of interest.

| FACTORS |
| --- |
| Distance from a water identified in paragraph (a)(1) (river miles and straight-line miles): |
| Click or tap here to enter text. |
| Hydrologic factors, such as the frequency, duration, magnitude, timing, and rate of hydrologic connections, including shallow subsurface flow:  |
| Click or tap here to enter text. |
| Size, density, or number of waters that have been determined to be similarly situated:  |
| Click or tap here to enter text. |
| Landscape position and geomorphology:  |
| Click or tap here to enter text. |
| Climatological variables such as temperature, rainfall, and snowpack: |
| Click or tap here to enter text. |

For each function, consider each factor to evaluate the likely strength of any effect of that function on a paragraph (a)(1) water. Consider whether the factors are likely to increase or decrease the strength of the influence of the function on the paragraph (a)(1) water.

| FUNCTIONS |
| --- |
| Contribution of flow: |
|  Click or tap here to enter text. |
| Trapping, transformation, filtering, and transport of materials (including nutrients, sediment, and other pollutants): |
| Click or tap here to enter text. |
| Retention and attenuation of floodwaters and runoff: |
| Click or tap here to enter text. |
| Modulation of temperature in waters identified in paragraph (a)(1):  |
| Click or tap here to enter text. |
| Provision of habitat and food resources for aquatic species located in waters identified in paragraph (a)(1):  |
| Click or tap here to enter text. |

1. Select a conclusion statement from the drop-down box to indicate whether the similarly situated waters in the catchment do or do not significantly affect a paragraph (a)(1) water. Provide a rationale to support the conclusion in the summary table. Consider the factors and assess the functions of the similarly situated waters, and whether waters significantly affect the chemical, physical, or biological integrity of the paragraph (a)(1) water.

| Conclusion Summary |
| --- |
| Conclusion:  | N/A |
| Rationale Summary: Click or tap here to enter text. |

1. The final rule “Revised Definition of ‘Waters of the United States’” (2023 Rule) was published in the *Federal Register* on 18 January 2023 and the effective date is 20 March 2023. See https://www.federalregister.gov/documents/2023/01/18/2022-28595/revised-definition-of-waters-of-the-united-states. [↑](#footnote-ref-3)