



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 Division of Water Resources
 William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor,
 Nashville, Tennessee, 37243
 1-888-891-8332 (TDEC)

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Certification

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|--------------------------------|---------|-----------|
| OFFICIAL STATE USE ONLY | Site #: | Permit #: |
|--------------------------------|---------|-----------|

Section 1. Applicant Information (individual responsible for site, signs certification below)

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|---|------|--------------------------------|-------------|
| Applicant Name (company or individual): | | SOS #: | Status: |
| Primary Contact/Signatory: | | Signatory's Title or Position: | |
| Mailing Address: | | City: | State: Zip: |
| Phone: | Fax: | E-mail: | |

Section 2. Alternate Contact/Consultant Information (a consultant is not required)

| | | | |
|-------------------------|------|--------------------|-------------|
| Alternate Contact Name: | | | |
| Company: | | Title or Position: | |
| Mailing Address: | | City: | State: Zip: |
| Phone: | Fax: | E-mail: | |

Section 3. Fee (application will be incomplete until fee is received)

| | | |
|--------|--------------------------------|----------------------------|
| No Fee | Fee Submitted with Application | Amount Submitted: \$ _____ |
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Current application fee schedules can be found at the Division of Water Resources webpage at:
<https://www.tn.gov/environment/permit-permits/water-permits/1/aquatic-resource-alteration-permit--arap-.html>
 or by calling (615) 532-0625. Please make checks payable to "Treasurer, State of Tennessee".

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| Billing Contact (if different from Applicant): | Name: | Email: |
| Address: | Phone: | |

Section 4. Project Details (fill in information and check appropriate boxes)

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|--|-------------------|---------------------------------------|-----------|
| Site or Project Name: | | Nearest City, Town or Major Landmark: | |
| Street Address or Location (include zip): | | | |
| County(ies): | MS4 Jurisdiction: | Latitude (dd.dddd): | |
| | | Longitude (dd.dddd): | |
| Resources Proposed for Alteration: | Stream / River | Wetland | Reservoir |
| Name of Water Resource (for more information, access http://tdeconline.tn.gov/dwr): | | | |
| Brief Project Description (a more detailed description is required under Section 8): | | | |
| Does the proposed activity require approval from the U.S. Army Corps of Engineers, the Tennessee Valley Authority, or any other federal, state, or local government agency? Yes No | | | |
| If Yes, provide the permit reference numbers: | | | |
| Will the activity require a 401 Water Quality Certification : Yes No | | | |
| If Yes, attach any 401 WQC pre-filing meeting request documentation | | | |
| Is the proposed activity associated with a larger common plan of development: Yes No | | | |
| If Yes, submit site plans and identify the location and overall scope of the common plan of development. | | | |
| Plans attached? Yes No | | | |
| If applicable, indicate any other federal, state, or local permits that are associated with the overall project site (common plan of development) that have been obtained in the past (e.g., construction general permit and/or other ARAP): | | | |

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| Section 5. Project Schedule (fill in information and check appropriate boxes) | | |
| Proposed start date: | Estimated end date: | |
| Is any portion of the activity complete now? | Yes | No |
| If yes, describe the extent of the completed portion: | | |

The required information in Sections 6-11 must be submitted on a separate sheet(s) and submitted in the same numbered format as presented below. If any question is not applicable, state the reason why it is not applicable.

| Section 6. Description | Attached |
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| | Yes No |
| 6.1 A narrative description of the scope of the project | |
| 6.2 USGS topographic map indicating the exact location of the project (can be a photographic copy) | |
| 6.3 Photographs of the resource(s) proposed for alteration with location description (photo locations should be noted on map) | |
| 6.4 A narrative description of the existing stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation | |
| 6.5 A narrative description of the proposed stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation | |
| 6.6 In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points | |
| 6.7 A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site | |

| Section 7. Project Rationale | Attached |
|---|------------------|
| | Yes No |
| Describe the need for the proposed activity, including, but not limited to the purpose, alternatives considered and rationale for selection of least impactful alternative, and what will be done to avoid or minimize impacts to water resources | |

| Section 8. Technical Information | Attached |
|---|------------------|
| | Yes No |
| 8.1 Detailed plans, specifications, blueprints, or legible sketches of present site conditions and the proposed activity. Plans must be 8.5.x 11 inches. Additional larger plans may also be submitted to aid in application review. The detailed plans should be superimposed on existing and new conditions (e.g., stream cross sections where road crossings are proposed) | |
| 8.2 For the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods and any proposed monitoring | |
| 8.3 Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations and any other measures to treat, control, or manage impacts to waters | |

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| <p>Section 9. Water Resources Degradation (degree of proposed impact)</p> <p>Note that in most cases, activities that exceed the scope of the General Permit limitations are considered greater than <i>de minimis</i> degradation to water quality. Please provide your basis for concluding the proposed activity will cause one of the following levels of water quality degradation:</p> <ol style="list-style-type: none"> a. <i>De minimis</i> degradation, no appreciable permanent loss of resource values b. Greater than <i>de minimis</i> degradation (if greater than <i>de minimis</i> complete Sections 10-11) <p><i>For information and guidance on the definition of de minimis and degradation, refer to the Antidegradation Statement in Chapter 0400-40-03-.06 of the Tennessee Water Quality Criteria Rule:</i> https://publications.tnsosfiles.com/rules/0400/0400-40/0400-40.htm <i>For more information on specifics on what General Permits can cover, refer to the Natural Resources Unit webpage at:</i> https://www.tn.gov/environment/permit-permits/water-permits/1/aquatic-resource-alteration-permit--arap-.html</p> |
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| Section 10. Detailed Alternatives Analysis | | Attached Yes No |
|--|---|--------------------|
| 10.1 | Analyze all reasonable alternatives and describe the level of degradation and permanent loss of resource value caused by each alternative. Assessment must consider options other than the "Preferred" and "No Action" alternatives. Provide associated rationale for selecting or rejecting all alternatives considered and demonstration that the least impactful practicable alternative was selected. | |
| 10.2 | Discuss the social and economic consequences of each alternative | |
| 10.3 | Demonstrate that the degradation associated with the preferred alternative will not violate water quality criteria for uses designated in the receiving waters, and is necessary to accommodate important economic and social development in the area | |

| Section 11. Compensatory Mitigation | | Attached Yes No |
|-------------------------------------|--|--------------------|
| 11.1 | A detailed discussion of the proposed compensatory mitigation. Provide evidence of credit reservation if proposing to utilize a third-party provider. | |
| 11.2 | Analysis of any proposed appreciable loss of resource value using the TN Stream Mitigation Guidelines. Provide Stream Quantification Tool (SQT) results if applicable. Include Existing Condition Score (ECS) and debit/credit calculations. | |
| 11.3 | Describe how the compensatory mitigation would result in no net loss of resource value | |
| 11.4 | Provide a detailed monitoring plan for the compensatory mitigation site if permittee-responsible project is proposed | |
| 11.5 | Describe the long-term protection measures for the compensatory mitigation site if permittee-responsible project is proposed (e.g., deed restrictions, conservation easement) | |

Certification and Signature

An application submitted by a corporation must be signed by a principal executive officer; from a partnership or proprietorship, by the partner or proprietor respectively; from a municipal, state, federal or other public agency or facility, the application must be signed by either a principal executive officer, ranking elected official, or other duly authorized employee. ***I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury. The project proponent hereby requests that the certifying authority review and take action on this CWA 401 certification request within the applicable reasonable period of time.***

| | | | |
|--------------|----------------|-----------|------|
| Printed Name | Official Title | Signature | Date |
|--------------|----------------|-----------|------|

Note that this form must be signed by the principal executive officer, partner or proprietor, or a ranking elected official in the case of a municipality; for details see **Certification and Signature** statement above. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed ARAP Application form (keep a copy for your records) to the appropriate EFO for the county(ies) where the proposed activity is located, addressed to **Attention: ARAP Processing**. You may also electronically submit the complete application and all associated attachments to water.permits@tn.gov.

| EFO | Street Address | Zip Code | EFO | Street Address | Zip Code |
|-----------|--------------------------------|------------|--------------|---------------------------------|----------|
| Memphis | 8383 Wolf Lake Drive, Bartlett | 38133-4119 | Cookeville | 1221 South Willow Ave. | 38506 |
| Jackson | 1625 Hollywood Drive | 38305-4316 | Chattanooga | 1301 Riverfront Pkwy., Ste. 206 | 37402 |
| Nashville | 711 R S Gass Boulevard | 37243 | Knoxville | 3711 Middlebrook Pike | 37921 |
| Columbia | 1421 Hampshire Pike | 38401 | Johnson City | 2305 Silverdale Road | 37601 |

