



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)

Applicant Name (company or individual): Bush Brothers & Company SOS #: 000090938 Status: Active

Primary Contact/Signatory: Robby Reece Signatory's Title or Position: Manager

Mailing Address: 3304 Chestnut Hill Road City: Dandridge State: TN Zip: 37725

Phone: 865-509-2361 Fax: N/A E-mail: rreece@bushbros.com

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: \$ 500

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".

Billing Contact Name (if different from Applicant): Name: Email:

Address: Phone:

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

Site or Project Name: Culvert Maintenance/Replacement Nearest City, Town or Major Landmark: Dandridge

Street Address or Location (include Zip): 3304 Chestnut Hill Road, Dandridge, 37725

County(ies): Jefferson MS4 Jurisdiction: N/A Latitude (dd.dddd): 35.9325
 Longitude (dd.dddd): -83.3366

Resource Proposed for Alteration: Stream / River Wetland Reservoir

Name of Water Resource (for more information, access <http://tdeconline.tn.gov/dwr>): Clear Creek

Brief Project Description (a more detailed description is required under Section 8):
Replacement of two deteriorating/collapsed 60" Corrugated Metal Pipes (CMPs).

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: Activity permitted under USACE Nationwide #3 no PCN required.

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):
 N/A

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Section 5. Project Schedule *(fill in information and check appropriate boxes)*

Proposed Start Date: June 2019

Estimated End Date: August 2019

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 | |
|-----|--|-------------------------------------|-------------------------------------|
| | | Yes | No |
| 6.1 | A narrative description of the scope of the project | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6.2 | USGS topographic map indicating the exact location of the project <i>(can be a photographic copy)</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6.3 | Photographs of the resource(s) proposed for alteration with location description <i>(photo locations should be noted on map)</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6.6 | In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6.7 | A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Section 7. Project Rationale

Describe the need for the proposed activity, including, but not limited to, the purpose, alternatives considered, and what will be done to avoid or minimize impacts to water resources

Attached
Yes No

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 <i>(e.g., stream cross sections where road crossings are proposed)</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8.2 | For both the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8.3 | Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Section 9. Water Resources Degradation (degree of proposed impact) *Note that in most cases, activities that exceed the scope of the General Permit limitations are considered greater than de minimis degradation to water quality.*

Please provide your basis for concluding the proposed activity will cause one of the following levels of water quality degradation:

a. De minimis degradation

b. Greater than de minimis degradation (if greater than de minimis complete Sections 10-11)

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 at: <http://publications.tnsofiles.com/rules/0400/0400-40/0400-40.htm>

For information on specifics on what General Permits can cover, refer to the Natural Resources Unit webpage at:

<http://www.tn.gov/environment/permit-permits/water-permits1/aquatic-resource-alteration-permit-arap/permit-water-aquatic-resource-alteration-list-of-general-permits.html>

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| Section 10. Detailed Alternatives Analysis | | Attached | |
|--|---|--------------------------|--------------------------|
| | | Yes | No |
| 10.1 | Analyze all reasonable alternatives and describe the level of degradation caused by each of the feasible alternatives | <input type="checkbox"/> | <input type="checkbox"/> |
| 10.2 | Discuss the social and economic consequences of each alternative | <input type="checkbox"/> | <input type="checkbox"/> |
| 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 | <input type="checkbox"/> | <input type="checkbox"/> |

| Section 11. Compensatory Mitigation | | Attached | |
|-------------------------------------|--|--------------------------|--------------------------|
| | | Yes | No |
| 11.1 | A detailed discussion of the proposed compensatory mitigation | <input type="checkbox"/> | <input type="checkbox"/> |
| 11.2 | Describe how the compensatory mitigation would result in no net loss of resource value | <input type="checkbox"/> | <input type="checkbox"/> |
| 11.3 | Provide a detailed monitoring plan for the compensatory mitigation site | <input type="checkbox"/> | <input type="checkbox"/> |
| 11.4 | Describe the long-term protection measures for the compensatory mitigation site (e.g., deed restrictions, conservation easement) | <input type="checkbox"/> | <input type="checkbox"/> |

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.

| | | | |
|--------------|----------------|-----------|--------|
| Robby Reece | Manager | | 7/8/19 |
| Printed Name | Official Title | Signature | Date |

Submitting the form and obtaining more information. 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 ARAP 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 |



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