

Brookfield

Application for Activity Permit for Shoreline Stabilization at Santeetlah Reservoir – Phase I

Instructions and Requirements

Shoreline stabilization at Santeetlah Reservoir requires an Activity Permit from Brookfield Smoky Mountain Hydropower LLC.

To the extent that particular circumstances demonstrate the need for shoreline stabilization, vegetative plantings are preferred, followed by riprap and, in extreme circumstances (situations where a professional engineer indicates that site conditions prohibit the prior two options), retaining walls.

To be considered for an Activity Permit, the adjoining property owner must complete a two phase application process. The applicant must initiate the application process by completing and returning a Phase I Application. Please consult BSMH's Shoreline Management Plan (Appendix A-Shoreline Stewardship Policy) for detailed information regarding BSMH's procedures and requirements governing activities in the reservoirs, along the shoreline, or on Brookfield Smoky Mountain Hydropower LLC-owned lands.

Upon receipt of a completed Phase I Application, BSMH will contact the applicant to schedule an onsite shoreline stabilization evaluation (to be conducted by BSMH personnel). If shoreline stabilization measures are warranted, BSMH will provide the appropriate installation plan based on site conditions. During the onsite appointment BSMH will evaluate the vertical height of the eroded area, the reservoir exposure of the eroded area, fetch distance, any overland erosion, the proximity of structures to the eroded area, and the condition of vegetation adjacent to the eroded area.

During Phase II of the application process, applicants are required to get written approval of the proposed shoreline stabilization from the U.S. Army Corps of Engineers (USACE) and the North Carolina Division of Water Quality (NCDWQ). Additional information and an application (Preconstruction Notification Application) can be found at <http://www.saw.usace.army.mil/wetlands/Forms/PCNFORM.pdf> and [Pre-Construction Notification - PCN Form](#). For further information regarding these approvals, you should contact these agencies directly at:

U. S. Army Corps of Engineers
Mr. Steve Chapin
151 Patton Avenue, Room 208
Asheville, NC 28801-5006
828-271-7980 ext. 224

North Carolina Division of Water Quality
Mr. Larry Frost
2090 U.S. Highway 70
Swannanoa, NC 28778
larry.frost@ncmail.net

Shoreline stabilization in close proximity to a known archaeological site may require prior written approval from the North Carolina Department of Cultural Resources (NCDRCR) and the Eastern Band of Cherokee Indians Tribal Historic Preservation Office (EBCI THPO). BSMH will notify the applicant if consultation or approval is required from these agencies. The agencies may be contacted directly at:

North Carolina Department of Cultural Resources
Ms. Dolores Hall
4619 Mail Service Center
Raleigh, NC 27699 -4619
919-733-7342 dolores.hall@ncmail.net

Eastern Band of Cherokee Indians Tribal Historic Preservation Office
Mr. Russell
Box 455, 810 Acquoni Road
Cherokee, NC 28719
russtown@nc.cherokee.com

BSMH will sign and return to you an Activity Permit for Shoreline Stabilization at Santeetlah Reservoir after reviewing the documents to ensure that the proposed activity will be in compliance with all applicable BSMH policies, procedures and requirements. Work may not begin prior to receiving the Activity Permit.

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Phase I Application (to be completed by Applicant)

Print or type all information below and return to Brookfield Smoky Mountain Hydropower LLC
Calderwood Service Center, 314 Growdon Boulevard, Tallassee, Tn. 37878
Please call (865) 207-7902 with questions.

I. Applicant Information

Full Name (adjoining property owner): _____

Permanent Mailing Address: _____

Local Address (if different): _____

Telephone (Business): _____ (Mobile): _____ (Email): _____

II. Location of Proposed Project

County: _____ Development: _____ Section: _____

Lot No.: _____ Tax Map No.: _____ Parcel No.: _____

Directions to property (if necessary, attach a separate sheet to provide a map to the site): _____

III. Description of Need for Shoreline Stabilization

Description of erosion: (include such information as the vertical height and linear extend of the eroded area, the reservoir exposure, fetch distance, overland erosion, the condition of vegetation adjacent to the eroded area, and the proximity of structures to the eroded area.) _____

Please also attach a map showing the exact location of the proposed shoreline stabilization in relation to Santeetlah Reservoir and the adjoining shoreline property.

Applicant Signature:

Signature of Applicant

Date

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Application for Activity Permit for Shoreline Stabilization at Santeetlah Reservoir – Phase II Instructions and Requirements

Shoreline stabilization at Santeetlah Reservoir requires an Activity Permit from Brookfield Smoky Mountain Hydropower LLC.

To the extent that particular circumstances demonstrate the need for shoreline stabilization, vegetative plantings are preferred, followed by riprap and, in extreme circumstances (situations where a professional engineer indicates that site conditions prohibit the prior two options), retaining walls.

To be considered for an Activity Permit, the adjoining property owner must complete a two-phase application process. The applicant must initiate the application process by completing and returning a Phase I Application. Please consult BSMH Shoreline Management Plan (Appendix A - Shoreline Stewardship Policy) for detailed information regarding BSMH procedures and requirements governing activities in the reservoirs, along the shoreline, or on Brookfield Smoky Mountain Hydro, LLC-owned lands.

Upon receipt of a completed Phase I Application, BSMH will contact the applicant to schedule an onsite shoreline stabilization evaluation (to be conducted by BSMH personnel). If shoreline stabilization measures are warranted, BSMH will provide the appropriate installation plan based on site conditions. During the onsite appointment BSMH will evaluate the vertical height of the eroded area, the reservoir exposure of the eroded area, fetch distance, any overland erosion, the proximity of structures to the eroded area, and the condition of vegetation adjacent to the eroded area.

During Phase II of the application process, applicants are required to get written approval of the proposed shoreline stabilization from the U.S. Army Corps of Engineers (USACE) and the North Carolina Division of Water Quality (NCDWQ). Additional information and an application (Preconstruction Notification Application) can be found at <http://www.saw.usace.army.mil/wetlands/Forms/PCNFORM.pdf> and [Pre-Construction Notification - PCN Form](#). For further information regarding these approvals, you should contact these agencies directly at:

U. S. Army Corps of Engineers
Mr. Steve Chapin
151 Patton Avenue, Room 208
Asheville, NC 28801-5006
828-271-7980 ext.224

North Carolina Division of Water Quality
Mr. Larry Frost
2090 U.S. Highway 70
Swannanoa, NC 28778
828-296-4500 ext. 4658
Larry.frost@nc.mail.net

Shoreline stabilization in close proximity to known archaeological sites may require prior written approval from the North Carolina Department of Cultural Resources (NCDRCR) and the Eastern Band of Cherokee Indians Tribal Historic Preservation Office (EBCI THPO). BSMH will notify the applicant if consultation or approval is required from these agencies. The agencies may be contacted directly at:

North Carolina Department of Cultural Resources
421 N. Blount Street
4619 Mail Service Center
4619 Mail Service Center
Raleigh, NC 27699-4619
919-733-7342

Eastern Band of Cherokee Indians Tribal Historic Preservation Office
Mr. Russell Townsend
Box 455
810 Acquoni Road
Cherokee, NC 28719
828-488-0237 ext. 1

Brookfield Smoky Mountain Hydropower LLC will sign and return to you an Activity Permit for Shoreline Stabilization at Santeetlah Reservoir after reviewing the documents to ensure that the proposed activity will be in compliance with all applicable BSMH policies, procedures and requirements. Work may not begin before you receive the Activity Permit.

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Phase I Application (to be completed by Applicant)

Print or type all information below and return to Brookfield Smoky Mountain Hydropower LLC
Calderwood Service Center, 314 Growdon Boulevard, Maryville, Tn. 37801
Please call (865) 207-7902 for questions.

I. Applicant Information

Full Name (adjoining property owner): _____

Permanent Mailing Address: _____

Local Address (if different): _____

Telephone (Business): _____ (Mobile): _____ (Email): _____

II. Location of Proposed Project

County: _____ Development: _____ Section: _____

Lot No.: _____ Tax Map No.: _____ Parcel No.: _____

Directions to property (if necessary, attach a separate sheet to provide a map to the site): _____

III. Smoky Hydro Approval

___ Applicant must attach a copy of the approved Shoreline Stabilization plan

IV. Agency Approval

___ Applicant must attach a copy of written approval from the U.S. Army Corps of Engineers and the North Carolina Division of Water Quality.

___ Applicant must attach a copy of written approval (if necessary) from the North Carolina Department of Cultural Resources.

___ Applicant must attach a copy of written approval (if necessary) from the Eastern Band of Cherokee Indians Tribal Historic Preservation Office.

III. BSMH Approval

___ Applicant must attach a copy of the approved Shoreline Stabilization IV Agency Approval.

___ Applicant must attach a copy of written approval from the U.S. Army Corps of Engineers and the North Carolina Division of Water Quality.

___ Applicant must attach a copy of written approval (if necessary) from the North Carolina Department of Cultural Resources.

___ Applicant must attach a copy of written approval (if necessary) from the Eastern Band of Cherokee Indians Tribal Historic Preservation Office.

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IV. Schedule for Conducting Proposed Shoreline Stabilization

Anticipated date that stabilization activities will begin: _____

Anticipated date that stabilization will be completed: _____

Signature of Applicant

Date