

BULKHEADS

Please make sure answers to all of the questions in this appendix correspond to information on the application drawings.

1. Will the project be considered new construction or repair and replacement of an existing and currently serviceable bulkhead?

_____ New Construction

_____ Repair and Replacement

If repair and replacement, attach photos of entire length of project.

1. What is the current condition of the shoreline at the site of the proposed bulkhead?
2. Please attach an analysis of all alternatives to bulkheading as a shoreline stabilization method for this project. Please examine options using vegetation and/or non-vertical walled structures. Include a justification of need, based on the extent of erosion and the rate of erosion. This application will not be reviewed if this answer is not completed.
3. If this is a repair or replacement,
- Do you intend to step out in front of existing bulkhead? _____ Yes _____ No
- Is the current bulkhead creosote? _____ Yes _____ No
- Will the new bulkhead be placed on or off the applicant's property?
 _____ On _____ Off Please indicate property lines on attached plans as well as MHW/MLW.
4. How many linear feet of shoreline are to be bulkheaded? _____ ft.
5. What will be the overall length of the bulkhead (including return walls)? _____ ft.
6. How many ends of the bulkhead will be tied into existing bulkheads which are in good repair?
 _____ None _____ One _____ Two
7. Will the return walls be protected from out flanking with rip-rap?
 _____ Yes _____ No If your answer is "Yes", complete Appendix I.
8. Will the toe of your bulkhead be protected from undercutting with rip-rap?
 _____ Yes _____ No If your answer is "Yes" complete Appendix I.
9. What type of material(s) will be used for construction of the bulkhead (e.g. reinforced concrete, steel sheet pilings, treated tongue-and-groove timber, etc.)?

10. Will deadmen be utilized Yes No If your answer is "Yes", indicate the type and location on your drawings/ If your answer is "No", explain the method to be used to anchor the bulkhead.

11. Will wooden materials be: Salt Treated Other

12. Will all metal fittings, cables, or tie rods be galvanized? Yes No

13. Will the bulkhead be backfilled? Yes No If your answer is "Yes", complete Appendix H.

14. Will filter cloth be used? Yes No If your answer is "No", explain the method to be used to control seepage of backfill from behind the bulkhead.

15. Have you consulted an engineer or other professional to assure that the design of your bulkhead will be adequate? Yes No If your answer is "Yes", give the name and address of the party consulted.

Name:

Address:

Date: