

**APPENDIX B – BULKHEAD
& ASSOCIATED BACKFILL**

PLEASE COMPLETE THE CHECKLIST AND ANSWER THE QUESTIONS. THE DRAWINGS MUST CONTAIN THE FOLLOWING INFORMATION OR THEY WILL BE RETURNED AS INCOMPLETE:

Plan View Drawing

- _____ waterway name
- _____ existing structures
- _____ benchmarks showing distances to fixed points of reference
- _____ location of vegetated wetlands at the project site
- _____ shoreline, property lines, and location of adjacent property owners
- _____ channelward encroachment relative to full pond elevation
- _____ connection with existing bulkhead or riprap structures (if applicable)
- _____ proposed backfill
- _____ length of bulkhead and riprap toe
- _____ AEP Project Boundary (SM – 800', LE – 620', CL – 1850' contours)
- _____ full pond elevation (SM – 795', LE – 613', CL – 1846' contours)

NOTE: The sample drawing on the next page shows the kinds of information required for the Plan View and Section View. They do not both have to be shown on the same piece of paper. Drawings must be clear, but do not have to be prepared by an engineer.

Cross Section Drawing

- _____ proposed backfill
- _____ ordinary high water line (full pond elevation)
- _____ existing contours of the shoreline and/or bank
- _____ dimensions of proposed bulkhead
- _____ filter cloth
- _____ riprap toe
- _____ proposed grading of existing bank relative to full pond elevation

_____ **Vicinity Map** The name of the map from which the vicinity map was taken and the exact location of the project site must be included (U.S.G.S. quad sheet, street map, or county map is preferred).

1. What will be the average amount of material (placed below the plane of full pond elevation) per linear foot of shoreline?
_____ cu.yd(s).per ft. **OR** _____ ton(s) per ft.
2. What size / type of clean rock will be used for construction of the riprap toe? _____
3. What is the source of the backfill material? _____
4. Will any portion of the bulkhead be placed on wetlands? _____ Yes _____ No
If your answer is yes, indicate the square footage and type of area(s) to be impacted: _____
5. Will any portion of the bulkhead impact vegetation (shrubs / trees) within AEP's project boundary? _____ Yes _____ No
If your answer is yes, include a drawing showing the existing vegetation (location, type and size) and a landscape plan for replacement of vegetation.