



CATEGORY B REQUIREMENTS
RESIDENTIAL PIER
JAMES BARBER
AP 16, LOT 160, 7 TOUISSET RD., WARREN, RI 02885

- 1) The proposed activity is a residential pier, with associated residential use.
- 2) All local permits will be secured prior to construction.
- 3) The proposed pier will extend into the Narragansett Bay, West Passage. As shown on the CRMC Warren map of water use categories; the water in this area is classified as a Type 2.
- 4) As this activity will occur over the water and surrounding land area, there will be no change to the erosion and deposition process in this area.
- 5) During construction, there may be some minor displacement of the plant and animal life. After construction is complete all plants and animals will re colonize.
- 6) The proposed pier is adjacent to private property and there is no public access over this property.
- 7) This pier will have 12" diameter piles driven into the sediment; pile spacing will be approximately 15'. These piles will have no effect on the water circulation, flushing, turbidity, or sedimentation processes.
- 8) All of these materials have been used in the past on similar projects, resulting in no deterioration of the water quality in the area.
- 9) There are no known areas of historic or archeological significance in the area of the pier.
- 10) As proposed this pier will extend 44.8' beyond mean low water, and be elevated 4' above mean high water. This elevation will allow for access laterally along the shoreline. Waters adjacent to the proposed pier are not deep enough to support any active recreational boating, fishing, navigation, or commerce activities.
- 11) It is this author's opinion that this pier will be in conformance in with surrounding area. There are existing piers adjacent to the proposed.

A handwritten signature in black ink, appearing to read "Warren Hall".

Warren Hall, PE, PLS

Warren Hall, Civil Engineer
63 Elmwood Ave.
Middletown, RI 02842

December 10, 2017
Mr. Willie Musonic, Applications Coordinator
CRMC
4808 Tower Hill Rd.
Wakefield, RI 02879

Applicant:

RESIDENTIAL PIER, JAMES BARBER, 7 TOUISSET RD., WARREN RI 02885

RE: Section 120 Requirements for variance from standard 300.4.E.3.m, setback from mooring field requires 50', 36' is provided.

A):

1) Council policies and goals of sections two and three are addressed as follows:

a) Water type in this area is type two, where the council allows residential piers. As proposed this pier will be elevated a minimum 4' above mean high water to allow for public access laterally along the shoreline. An existing Warren mooring field with a landward boundary encompassing an area landward of mean low water, and depths of -1' mean low water. This pier is proposed to be setback 36' from the mooring field, the closest mooring is located 121' from the float. Water depths within the area would not allow any permanent mooring.

b) Applicant has a mooring and is proposing to extend out 44.8' from mean low water providing a depth of 18" at mean low water.

2) Proposed alteration will not result in use conflicts or adverse environmental impacts:

a) The proposed pier is going to extend the minimal distance beyond mean low water and still provide the required (330.4.E.u, table 3) 18" depth at mean low water tide. This area is shallow and limits activities. Pier will provide 4' clearance above mean high water allowing for access laterally along the shoreline.

b) All of the proposed materials have been used in the past and resulted in no effect on the marine environment. Water depths obstruct any intense use of this area including fishing, navigation, and commerce.



3) Due to site conditions the standard cannot be met:

a) Pre-existing mooring field 50' setback extends into an area landward of mean low water and depths of -1 mean low water making any pier in this area to be non-compliant with the standard.

4) Modification is minimum necessary:

a) As proposed the pier will extend 44.8' beyond mean low water and provide the minimum water depth (CRMC 300.4.E.u, Table 3) of 18".

5) Hardship is not the result of any action by the applicant or predecessor in title:

a) Town of Warren mooring field required 50' setback was not the result of this owner, or known predecessor in title.

6) Due to conditions at the site, the standard will cause the applicant an undue hardship:

a) Applicant's request for a variance will provide the water depth to meet the CRMC standard of 18" at mean low water.

b) As defined by the Warren Mooring Field description, the mooring field's 50' setback extends landward of mean low water and areas of -1 mean low water causing any pier to be non-compliant with the standard.

B): NA

C):

a) All other program requirements have been met.

D):

a) Local municipality requirements are not causing the relief requested.

Respectfully Submitted,

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Warren Hall, PE, PLS

MOORING FIELD 6
(Entrance to the Kickemuit River)



Total Moorings: 26

Water Depth: Average depth approximately 10 ft.

Priority Use: Recreational Boating

Number of Docks and Structures: To be determined in the 2004 Boating Season

Swimming Areas: Chase Point Beach

Mooring Field Status: Mooring Field is at capacity. Waiting list is in place.

Vessels over 25 Ft: 16

Mooring Boundaries:

Mark A: 41.42.177N – 71.14.610W

Mark B: 41.42.161N – 71.14.697W

Mark C: 41.42.055N – 71.14.627W

Mark D: 41.41.967N – 71.14.624W

Mark E: 41.41.960N – 71.14.570W

Mark F: 41.42.044N – 71.14.549W

Mark G: 41.42.132N – 71.14.558W

A. 481681 415152

B. 153150 113181

C. 513052 131218

D. 351315 131511

E. 223158 153530

F. 231232 231212

G. 231511 253151

Total Area in Acres: 3.9 Acres

Mooring Field Boundaries Description: Mooring Field 6 is located on the east side of the mouth of the Kickemuit River. The mooring field is located between two sandbars on the right side of the entrance to the river.

From Harbor Management⁷² Plan