

## **Notice of Section 401 Application Reception**

**File Number:** 302022-25

**Project Name:** 16302 Niantic Circle Project

**Received:** 12/21/2022

**Date Posted:** 12/30/2022

**End of 21 Day Public Comment Period:** 1/20/2023

**Project City:** Huntington Beach

**Project County:** Orange

**Applicant Organization:** Niantic Trust dd.

**Applicant Name:** Joseph Neuah

**Waterboard Staff:** KF

### **Brief Description of Project:**

**Project Description:** This proposed project site is developed with a seawall and private residence. Due to movement of the bay waters a void has developed at the base of the seawall. Should these voids continue to expand this could compromise the stability of the structure. We intend to seal off the voids and fill them with grout. This will reduce the exposure of the timber piles beneath the footing and reduce the potential for continued deterioration from marine borers and other forms of deterioration.

**Project Activities:** We intend to remove the 17.17 square feet of existing concrete overpour along the toe of the footing, install 1.02 square feet of marine grade carbon fiber reinforced vinyl ester resin sheet pile panels (made from thermostat composite) with 4 square inches/interlocks at the toe of the existing bulkhead. To fill in the voids we will inject 1 cubic yard of grout. The fill of coastal waters are proposed to be mitigated by removing the concrete overpour in the vicinity of the project. The proposed bulkhead repairs would occur in the following order: 1. Concrete overpour removal; 2. Cutoff wall inspection and removal, if necessary; 3. Pile inspection and repair, if necessary; 4. Placement of sheet piles; 5. Pumping concrete grouting behind the forming/sheet piles to fill voids.