

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

**File Number:** 332023-21

**Project Name:** Beaumont Energy Storage Project

**Received:** 8/29/2023

**Date Posted:** 9/12/2023

**End of 21 Day Public Comment Period:** 10/03/2023

**Project City:** Beaumont

**Project County:** Riverside

**Applicant Organization:** Beaumont ESS, LLC

**Applicant Name:** Andrew Krause

**Waterboard Staff:** HS

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

**Project Description:** The Project will provide essential regional and local grid reliability, help to meet California's zero carbon future (California Executive Order B-55-18) by complimenting renewable energy generation, and help to reduce the likelihood of local outages. The Battery Energy Storage System (BESS) enclosures are weather rated and will be installed outdoors on racks via metal cabinet doors for maintenance. The project scope also includes construction of support equipment such as a switchyard, substation, meter enclosures, auxiliary equipment pads, and paved driveway/fire lane. The civil scope of the project includes the installation of stormwater improvements such as a v-ditch and bio-retention basin as part of the Best Management Practices (BMPs).

**Project Activities:** Beaumont ESS has obtained planning approval, ministerial and discretionary permits, land use entitlements and CEQA clearance from the City of Beaumont to construct and operate a 100-megawatt (MW)/400 megawatt-hour (MWh) lithium-ion stationary battery energy storage. A linear, vegetated, unnamed earthen drainage that is located along the southeastern portion of the Jurisdictional Delineation Study Area (JDSA). This feature originates at the southwestern end of Elm Avenue. Stormwater events contribute to sheet flows that have resulted in severe erosional degradation at this feature's origin. F-1 flows for approximately 285 feet in a north-to-south direction where it exits the JDSA via two, 3-foot concrete pipe culverts. Within the JDSA, OHWMs are present throughout F-1, including sediment deposits, scour, change in vegetation, undercutting, as well as a defined bed and bank. As part of City requirements to develop Beaumont ESS, Elm Avenue is receiving half-width improvements and addition of a cul-de-sac, sidewalk and curb. An underground storm drain will be installed to collect and control drainage from the ESS facility as well as runoff from Elm. This storm drain will discharge to the F-1. To construct this, impacts to the F-1 will include installation of a straight, 31 ft long concrete head wall (per Caltrans Standard D89), 45 linear ft of precast

30" RCP, a riprap apron (10x14 ft D50=9", 1.5 ft thick), earthwork/slope stabilization, and temporary erosion control measures (silt fence, gravel bags, erosion control blankets, etc). These improvements will prevent further erosion within F-1 by controlling discharges from upstream street and land areas. The portion of F-1 between the headwall and Elm Avenue cul-de-sac will be filled to the ground level of adjacent upland areas. This area will be compacted and re-vegetated. Earthwork for this and tying into existing channel slopes totals 120 cubic yard (cy). Construction of the project would not require water diversion as the installation would occur during the dry season when water isn't present. Potential Jurisdictional Impacts: Overall, implementation of the project will result in 0.017 acre of permanent impacts and 0.005 acre of temporary impacts to non-wetland Waters of the State. Construction Schedule: Construction of the listed activities above is anticipated to begin in October 2023 and last approximately 47 days.