

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

**File Number:** 362021-02

**Project Name:** Vincent Well Foundation Stabilization Project

**Date Application Date Posted:** 3/01/2021

**Received:** 2/23/2021

**Project City:** San Bernardino

**Project County:** San Bernardino

**Applicant Organization:** City of San Bernardino Municipal Water Department

**Applicant Name:** Miguel Guerrero

**Waterboard Staff:** CJB

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

Project Description: Prevent erosion of a key City water production well. The City of San Bernardino Municipal Water Department is proposing fortify the area surrounding the Vincent Well infrastructure. The Project consists of installing gabion baskets within the subsurface adjacent to the well, in a horseshoe shape encompassing approximately 0.38 acres.

Project Activities: Installation of gabion baskets, slope stabilization.

The proposed Project will construct a surface and subsurface stabilization system around the existing Vincent Well site. The proposed stabilization system will consist of placing a series of rock-filled gabion baskets along a 2:1 slope that will extend to 20 feet below existing grade. The top of the proposed baskets will be located at least 10 feet from the well building. The proposed layout of the 2:1 slope is in a horseshoe shape with the bottom of the horseshoe facing upstream of the well site. One horseshoe leg is on the west side of the well building, and the other leg is on the east side of the building. The layout leg on the west side will extend to approximately 80 feet south of the building. The layout leg on the east side will extend to approximately 20 feet south of the building.