

Notice of Section 401 Application Reception

File Number: 362021-11

Project Name: Montclair Basins 2 and 3 (PID2) Improvements Project

Date Posted: 9/15/2021

Received: 9/08/2021

Project City: Montclair

Project County: San Bernardino

Applicant Organization: Inland Empire Utilities Agency (IEUA)

Applicant Name: Joel Ignacio

Waterboard Staff: TBA

Brief Description of Project:

Project Description: The purpose of the proposed Montclair Basin Improvements (PID 2) Project is to improve stormwater capture at the existing Montclair Basins for the purpose of enhancing groundwater recharge.

Project Activities: The San Antonio Creek channel provides 100-year flood protection to the communities that it passes through, provided that the Montclair Basins and other flow-by basins located on it are working to capacity. The Recharge Master Plan Update's (RMPU's) proposed improvement consists of providing two new diversion structures along the San Antonio Creek to divert flow into the Montclair Basins 2 and 3. An existing diversion structure is in place at Basin 1 just south of Arrow Highway. The scope of work for this location is to provide two new diversion structures in addition to the existing structure in San Antonio Creek. The added diversions will span the full width of the 25-foot wide concrete lined channel. Each diversion will be constructed by excavating 8 to 10-feet below the channel floor to install the drop structure which will have a finish dimension of 6.5 feet deep below the channel floor with a width of 8-feet. The 8-feet by 25-feet opening will be covered by a steel grating to limit large debris from enter the drop structure. Connected to the east side of the drop structure will be wall mounted steel gate. The gate will connect to a new 4-foot diameter pipe which will convey the captured stormwater down into the basin floor. The pipe length will be approximately 144 linear feet. The outlet into the basin will be constructed with a concrete structure to dissipate the water flow before filling the basin. The side slope which the piping with be excavated will be regraded to provide 3-feet of cover over the pipe.