Shinn Pond Fish Screens

Project Location

The Shinn Pond Fish Screens will replace existing unscreened diversion pipes to deliver water from the Alameda Creek into Shinn Pond and subsequently to the Quarry Lakes. An cost analysis evaluation determined it to be more cost effective to create a new facility rather than retrofit the existing diversion pipes with screens.

Project Site

Initial construction will consist of six fish screen structures (shown in red). Future expansion of an additional four fish screens (shown in blue) will allow for full diversion capacity.

Existing Alameda Creek Fish Screens

The new Shinn Pond Fish Screens will be similar to the constructed fish screens located just south of the Mission Blvd. creek crossing.

Existing Alameda Creek Fish Screens

The new Shinn Pond Fish Screens will be capable of being retracted out of the creek along tracks, as shown, to protect them from damage by large floating debris during storm events.

Fish Screen Docked on Diversion Pipe Intake While in Use

The drum-shaped fish screens will be lowered down the tracks along the creek embankment to fully cover the diversion pipe intake (as shown) before the intake gate is opened and creek water is permitted to flow into Shinn Pond.