



Infrastructure Projects:

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- Sewer Pipelines

## UPAS STREET PIPELINE REPLACEMENT PROJECT

### Background

The 24- to 30-inch diameter cast iron Upas Street Pipeline (Upas PL) was placed into service in 1939 to supply the Pacific Beach and Mission Beach communities via the Pacific Beach Pipeline from the former University Heights Water Treatment Plant (WTP). The University Heights WTP was decommissioned in 1950, and the Upas PL remained in service, delivering water to residential, commercial, and industrial areas in the City’s Midway–Pacific Highway, Uptown, Greater North Park and Balboa Park communities.

The 16-inch diameter cast iron Park Boulevard Pipeline (Park PL) was placed into service in 1913. This project will replace the Park PL from the intersection of Upas Street and Park Boulevard north to Robinson Avenue. The 16- to 20-inch diameter cast iron 5<sup>th</sup> Avenue Pipeline (5<sup>th</sup> PL) can be divided into four sections installed as early as 1902 and as late as 1958. The 5<sup>th</sup> PL will be replaced from the intersection of Upas Street and 5<sup>th</sup> Avenue to Robinson Avenue.

Now more than 70 years old, the pipelines are reaching the end of their useful lifecycle. They are badly deteriorated and have a recent history of leakage and pipe breaks. Reliability concerns are increased because the Upas PL crosses canyon lands and open space areas that are difficult or impossible to access for routine maintenance. The Upas PL also has a number of direct service connections that must be relocated to a new, smaller distribution pipeline for consistency with current City codes and design standards.

### Project Overview

This project will help bring the existing water delivery system up to current standards, improve system reliability and reduce maintenance requirements by:

- Replacing approximately 5.4 miles (28,500 linear feet) of cast iron water mains along Upas Street, Park Boulevard, 5<sup>th</sup> Avenue
- Replacing existing Pressure Regulating Stations at West Upas Street and Brant Street; at Upas Street and Hawk Street; and at Upas Street and Park Boulevard
- Installing a new Pressure Regulating Station at Upas Street and 7<sup>th</sup> Avenue

### Construction Schedule

- Construction – Early 2014 through Early 2016\*

*\*Dates are approximate and subject to change; please visit the Project website regularly for the latest!*

### Project Budget

The project’s planning, design and construction budget is \$20.2 million.

