

## CENTRAL BAYSIDE SYSTEM IMPROVEMENT PROJECT SAN FRANCISCO PUBLIC UTILITIES COMMISSION



*Proposed Channel Pump Station*

Baseline is currently managing the CEQA environmental review process for the San Francisco Public Utilities Commission's Central Bayside System Improvement Project. The project would improve overall reliability of the City's combined sewer system by improving system resilience to earthquakes and increasing the wet weather storage capacity to reduce the number of combined sewer discharges. The proposed project would consist of the following three project components: construction of the

Channel Tunnel, a 9,180-foot (1.7-mile) long, 24-foot-diameter underground tunnel; the Central Bayside Pump Station; and three associated connection elements that would connect the proposed new system components to the existing combined sewer system facilities serving the City and County of San Francisco (City). The specific project objectives are as follows:

- Convey dry weather and wet weather flows from the Channel Pump Station to the Central Bayside Pump Station;
- Improve seismic reliability by meeting current seismic design standards for a magnitude 7.8 earthquake on the San Andreas Fault;
- Provide conveyance and additional wet weather storage capacity to reduce the average number of combined sewer discharges;
- Increase general system reliability;
- Maintain ratepayer affordability; and
- Minimize area of above ground disturbance and associated traffic and air quality impacts and utility disruptions during construction of the project.



Preliminary review indicates that the project could result in significant effects related to air quality, geology, transportation, noise, cultural resources, and hazardous materials. Baseline will evaluate these potential effects in a focused Environmental Impact Report and identify mitigation measures to reduce the potential impacts to a less-than-significant level (if feasible).