



San Francisco Public Utilities Commission

**Water Enterprise Long Term Monitoring Permit
Program**

**\$12.6 Million Supplemental Appropriation &
Bond Financing Authorization**

**Capital Planning Committee
September 11, 2017**

Long Term Monitoring Program

- Water Enterprise efforts for monitoring habitat mitigation and species impacts related to Water System Improvement Program construction activities
 - Fisheries monitoring and habitat restoration in the Alameda and Peninsula watersheds (operating budget)
 - Vegetation restoration of WSIP construction sites (programmatic budget)
 - Bioregional Habitat Restoration (BHR) program (programmatic budget)

Vegetation Restoration \$2.2 Million

- Implemented within the 80+ original construction sites of the WSIP projects.
- The federal and state permits require that the WSIP project sites be revegetated to preconstruction conditions or better.
- This work requires on-going adaptive management:
 - Seeded areas/plantings need to become established and self-sustaining.
 - Includes differing monitoring periods for differing vegetation types.



Bioregional Habitat Restoration Program (BHR) \$10.4 Million

- SFPUC is required to develop the BHR program to compensate for impacts to habitat and special status species associated with WSIP regional construction.
- It includes restoration and enhancement on 15 separate sites on the Alameda and Peninsula Watersheds; a total of 2,050 acres.
- The BHR goal is to protect and restore open space to create and enhance habitat for threatened endangered plant and animal species.

Financing

- Request amendment to Ordinance No. 112-16 to authorize an increase of the issuance of Water Revenue Bonds and other forms of indebtedness by the San Francisco Public Utilities Commission to finance the costs of various capital water projects benefitting the Water Enterprise including the Bioregional Habitat Restoration Project.