

## ATTACHMENT 'G'

### 1.6 GOALS & OBJECTIVES OF THE HAHAMONGNA WATERSHED PARK MASTER PLAN

The following are the goals and objectives specific to Hahamongna Watershed Park:

**Goal 1: Preserve, restore, and enhance the native habitats.**

*Objectives:*

- Develop a habitat restoration plan for Hahamongna Watershed Park.
- Protect and enhance the Hahamongna Watershed Park wildlife corridor linkages to the upper watershed and the downstream reaches of the Arroyo Seco.
- Restore, enhance, and reestablish the historical native plant communities of the Arroyo Seco.
- Create wetland and aquatic habitats in HWP to increase the biodiversity.
- Locate new facilities in developed or disturbed areas so as to minimize impact to established habitats.
- Enhance the edges of the spreading basins with native trees and other appropriate plantings to blend these facilities with the riparian setting.
- Limit exterior lighting for security, safety, and operational purposes to lessen the impact on nocturnal wildlife.
- Relocate existing overhead power and communications lines to restore the natural environment and provide adequate, safe maintenance access.
- Develop dam maintenance and flood control procedures that promote preservation of native habitats.
- Repair the harmful impacts of the mining operations by regrading the highly disturbed, unnatural topography within the flood plain to allow for the successful planting of native plant communities to establish quality habitat.
- Establish a monitoring program to study runoff and sediment delivery in the flood basin to determine impacts on plant communities in HWP.
- Restore areas where erosion has occurred.

**Goal 2: The Devil's Gate flood control basin will be managed to provide protection to the developed and natural downstream areas.**

*Objectives:*

- Facilitate the dam and reservoir maintenance operations in a manner that is compatible with the proposed features of the Master Plan and will result in minimal impacts to the surrounding area.
- Maintain or improve the flood capacity behind Devil's Gate Dam.
- Develop a sediment removal plan that minimizes the impact to the basin and to the surrounding neighborhoods.
- Develop a grading plan that allows habitat restoration and recreational activities to co-exist with flood management and water conservation.
- Develop a multi-agency task force to review maintenance, sediment removal, dam operation, permit, and liability issues on a continual basis after this plan is adopted.
- Develop dam maintenance and flood control procedures that promote water conservation.
- Establish a monitoring program to study runoff and sediment delivery in the flood basin to determine impacts on flood management/water conservation capabilities.

**Goal 3: Conserve and protect the water resources of the Arroyo Seco.**

*Objectives:*

- Maximize groundwater recharge to minimize the amount of water purchased from outside sources.
- Develop a grading plan that allows habitat restoration and recreational activities to coexist with flood management and water conservation.
- Monitor water entering the basin from Flint Wash and various storm drains to ensure safe water quality.
- Develop a program to minimize and provide the means to control the inflow of trash from Flint Wash and various storm drains.
- Develop an alternative to the JPL eastside surface parking area for expanded spreading basins for groundwater recharge.

**Goal 4: Provide diverse recreation opportunities for the Pasadena community.**

*Objectives:*

- Balance the recreation needs for active, passive, and educational activities in HWP.
- Develop a grading plan that allows habitat restoration and recreational activities to co-exist with flood management and water conservation.
- Design children’s play areas to emphasize learning and connections to the natural environment.
- Distribute recreation facilities to allow equal access from the surrounding neighborhoods.
- Maintain the historic recreational uses within HWP.

**Goal 5: Enrich and promote the unique history and culture of Hahamongna Watershed Park.**

*Objectives:*

- Develop HWP as a “living laboratory” for local schools and environmental education programs.
- Preserve and encourage Native American use of HWP as a cultural resource.
- Explore the possibilities of a joint partnership with the U.S. Forest Service and Native Americans in developing an interpretive center and native-plant nursery at HWP.
- Develop design guidelines to ensure aesthetic compatibility and quality construction for any improvements made in HWP.
- Develop passive viewing areas with unique vantage points.
- Create programs that inform and educate the public about the natural processes, the history and the culture of the site.
- Underground or relocate the existing above-ground electrical transmission lines.

**Goal 6: Provide a safe and secure park.**

*Objectives:*

- Provide adequate water and sewage infrastructure where needed throughout HWP.
- Develop guidelines and delegate agency responsibilities for recreation, flood management, and water conservation liabilities.

- Retain and enhance, as needed, the recently reestablished Park Ranger Program to ensure compliance with municipal laws, codes, and regulations. Secure entrances and perimeter of HWP.
- Develop an all-weather perimeter trail/road for emergency and maintenance access as well as for passive recreation.

**Goal 7: Provide adequate circulation, access and parking.**

*Objectives:*

- Provide public transportation and nonmotorized access to HWP.
- Provide adequate parking throughout the park for all proposed recreation activities and facilities.
- Maintain and restore the trail links to the Central Arroyo, the surrounding neighborhoods, and the Angeles National Forest.
- Develop separate trail systems for bicycles, hikers, and equestrians wherever possible.
- Comply with ADA (Americans with Disabilities Act) standards for a “natural park.”
- Develop a signage system that provides clear directional information and informs park visitors without being intrusive.
- Improve the east entrance for better access, circulation, and traffic safety.
- Protect residential neighborhoods from the nuisances related to maintenance equipment, traffic, and noise.
- Improve and enhance regional trail connections.
- Continue to assist JPL in meeting its parking needs.

The *Arroyo Seco Master Plans* were developed by the combined efforts of the Planning and Development Department and the Department of Public Works. The implementing department for the completed *Arroyo Seco Master Plans* will be the Department of Public Works. The projects identified in the *Arroyo Seco Master Plans* are described and listed to easily translate to the City’s capital improvement program.