Former Roddy Ranch Golf Course Habitat Restoration and Public Access

CONCEPT A: Welcome the Wetlands

- Created Vernal Pools
- Overlook
- Viewpoint
- Infiltration
- Central Gathering and Interpretive Area
- Picnic Area
- Parking Lot
- Restroom
- Multi-use Trail
- Removed Cart Paths
- Woody Revegetation
- Bioretention
- Enhanced Seasonal Wetlands
- Empire Mine Rd.
- Accessible Multi-use Trail
- Removed Cart Paths
- Created Wildlife Ponds
- Wild Ponds
- Enhanced Wetlands

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East Bay Regional Park District | East Contra Costa County Habitat Conservancy

Restoration Design Group, Inc.
WELCOME THE WETLANDS

This concept focuses on maximizing wetland habitat and drainage channels by strategically directing water to existing wetlands and by creating new vernal pool and pond features. Runoff at the top of the watershed is encouraged to infiltrate and reduce the potential for gully formation down steep slopes and to promote lateral migration of shallow groundwater to wetlands at the base of the hillside.

Public access site improvements are kept to the edges and allow the open landscape to be experienced. Trails use existing cart paths where feasible to provide a shorter accessible loop and a longer loop that leads visitors through a variety of experiences. A connection to Empire Mine Road at the existing access point is formalized to provide future access to adjacent preserve and parks.

Restoration Opportunities

- Enhance/Restore/Clear 2.7 miles of channel
- Stabilize channels now to reduce long term maintenance burden
- Eliminate edge reforestation in the upper watershed to reduce overland flow down steep slopes
- Improve the nature of Pond 30 by directing all of Drainage 3 and a portion of Drainage 2 to pond
- Create two vernal pool complexes at the base of Drainage 6 and 7
- Route Drainage 5 into Pond 31 to improve hydrology of pond
- Your parking lot will be a new bioretention facility to improve water quality entering Pond 35

Public Access Opportunities

- Provide a 1.3 mile accessible loop (30% on existing cart paths)
- Provide a 1.3 mile larger loop (60% on existing cart paths)
- Provide trail access and an overlook to Pond 30
- The Pond Area and the midway Central Gathering Area are located off to the side to keep the view of the site from the parking lot uncluttered

Key Notes:

- Potential future trail connection point
- Target California Red-legged Frog Habitat
- Target California Tiger Salamander Habitat
- Fill soil placement area to balance earth work on-site
- Fill pond to better blend into landscape and deliver more water to Pond 31 and Basin 5
- Regrade a stable channel entry into basin for surface flow
- Regrade drain traps and rationalize topography
- Remove abandoned infrastructure
- 1.3 mile accessible loop
- 1.3 mile larger loop
- Pond Area
- Central Gathering Area
- Multi-use trail
- Trailhead
- Accessible multi-use trail
- Restroom
- Picnic area
- Overlook
- Central gathering area & interpretation
- Woody revegetation
- Parking drop off
- Equestrian parking
- Interpretation
- Multi-use trail
- Storm drain outfall
- 300 ft Aquatic buffer
- Conceptual limit of disturbance
- Channel Swale
- Ponds & Basins
- Infiltration area
- Restoration basin
- Vernal pool complex
- Bridges & Boardwalks
- Parking lot