PETERSEN RANCH SITE BANK BOUNDARY

Attached is the newest Bank Boundary Map for the Petersen Ranch Site of the Petersen Ranch Mitigation Bank.

The six small Not-a-Part (NAP) areas are 4-acre exclusions surrounding existing buildings and infrastructure on the Property. These areas are accessed via existing dirt and/or gravel roads that will be maintained in perpetuity. The existing infrastructure and buildings would be retained and these areas could also house campsites for the future Property Owner. The 92 acre NAP area located adjacent to Johnson Canyon Road also contains existing infrastructure including multiple buildings. These areas will be excluded from the Conservation Easement to allow the Property Owner to maintain the existing structures and grounds.

The two remaining large NAP areas, totaling 53 acres, are reserved for potential future groundwater recharge activities. The Property Owner wishes to reserve the right to undertake a drought-based recharge and recovery program that relies on imported water and naturally occurring groundwater supplies. Imported water would be conveyed to the Ranch from the California aqueduct while the groundwater supply will be based on the natural safe yield of the aquifer underlying the Ranch. The natural safe yield of the aquifer is the amount of water that is available in the groundwater basin based upon local precipitation. Groundwater recharge and extraction activities are well established practices that are expected to become a key component to combat California's drought prone cycles over the coming decades.

The groundwater recharge areas would be created by leveling the recharge areas and using this material to develop low berms. Existing pipelines will convey water from the California aqueduct into the bermed recharge areas, pursuant to an existing water purchase agreement with the local water district. The imported water, combined with the natural safe yield, represent the total recharge to the groundwater aquifer beneath the Ranch. It is expected that most, if not all, of the water will be stored in the deep groundwater aquifer as opposed to the shallow subsurface soils. When needed, water will be extracted using a system of wells and conveyed back to the California aqueduct via new waterlines to be constructed in existing roadways. Currently, the infrastructure required for effective extraction is not economically feasible. However, the Property Owner believes that this will change over time as water becomes more valuable. Therefore, should this become a viable activity in the future, additional analysis will be provided to prove that these activities will not dewater the wetlands on the adjoining Bank Property.

ELIZABETH LAKE SITE BANK BOUNDARY

The small 1,100 square foot NAP area is a family cemetery that is under separate ownership. The owner of this parcel has access rights through the Bank Property to visit the grave site via existing dirt/gravel roads that are excluded from the Bank's credits No other uses of this NAP area will occur.

The 2.8-acre exclusion area on Elizabeth Lake is intended as a home site for a future Property Owner. It is located on the edge of the Bank site and is accessed via the existing dirt/gravel road system that serves the cemetery. This use would not conflict with the Bank property and in fact would help assure long term, onsite oversight of the Bank's resources.