

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (Keith E. Roberson)
MEETING DATE: September 9, 2015

ITEM: 8

SUBJECT: **Sears Point Restoration Project** – Status Report on Completion of Black Point Sports Club Soil Remediation

DISCUSSION: Soil cleanup at the former Black Point Sports Club (Club), located south of Highway 37 near Sears Point in Sonoma County, is complete. The Club was a target shooting range located on land originally diked from San Pablo Bay in the 1890's and then farmed for oat hay production. The property that includes the Club is now owned by the Sonoma Land Trust, which is restoring 960 acres of wetlands in the area. The wetland restoration consists of converting the diked-off area to tidal marsh by lowering and breaching the outboard levees and allowing inundation by tidal waters.

Soil at the Club was contaminated with lead shot and polycyclic aromatic hydrocarbons (PAH) from the degradation of clay target fragments. Groundwater was not impacted. In 2008, Board staff approved a Corrective Action Plan (CAP) for the Club, which proposed removing surficial clay target debris, excavating soils that exceeded cleanup goals, and re-using those soils onsite by encapsulating them in the core of a new flood control levee. As a condition of CAP approval, we required that a layer of geofabric be placed between lead-impacted soils and overlying/ surrounding clean soils to further encapsulate contaminated materials.

Excavation and encapsulation of lead- and PAH-contaminated soil was completed in late 2014. A total of about 15,000 cubic yards of soil was excavated to depths down to 4 feet below grade and was placed, after being wrapped in the geofabric, in the core of a new 2.5 mile-long levee constructed for flood control and wetland restoration. After excavation, lead and PAH concentrations in residual soils averaged well below cleanup goals.

The Sonoma Land Trust's voluntary cleanup of the Club has achieved the agreed-upon cleanup goals, and Board staff has determined that no further action is required. This status report will pictorially present both the soil remediation project and the associated wetland restoration project.

**RECOMMEN-
DATION:** No action needed - information only.

FILE: CW-728604