

1927 Fifth Avenue  
San Diego, CA 92101  
P 619.308.9333  
F 619.308.9334  
www.reconenvironmental.com

2033 East Grant Road  
Tucson, AZ 85719  
P 520.325.9977  
F 520.293.3051

5951 Encina Road, Suite 104  
Goleta, CA 93117  
P 805.928.7907



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July 13, 2015

Mr. Steve Power  
City of Chula Vista, Planning Division  
276 Fourth Avenue  
Chula Vista, CA 91910

Reference: Record Search Results for Shinohara II Contamination Remediation Project  
(RECON Number 7014-1)

Dear Mr. Power:

The following letter details the results of a record search conducted at the California Historical Resources Information System, South Coastal Information Center (SCIC) at San Diego State University for the Shinohara II Contamination Remediation project. The project encompasses approximately 5.57 acres in the city of Chula Vista and county of San Diego (Figure 1), in Section 19 of Township 18 South, Range 1 West, of the U.S. Geographical Survey (USGS) 7.5-minute topographic map Imperial Beach quadrangle (Figure 2).

The project lies on the south bank of the Otay River in Chula Vista, California, and is part of a larger property made up of two parcels (Figure 3). The City owns approximately 1 acre of the site, and the remainder is owned by the Shinohara Family Trust. The site is known to have historically received waste from a burn dump and is recorded as a known burn site, and has an active case (Solid Waste Information System number 37-CR-0075) with the County of San Diego Solid Waste Local Enforcement Agency (County LEA). Based on regulatory records review, the site was never operated as a burn dump; however, burn ash was brought to the site as fill material in the late 1970s, when the owner of the Shinohara parcel reportedly allowed fill to be imported from various sources to create a level surface. It was reported that fill materials imported to the site included burn ash from the former South Bay Burn Site (formerly located approximately 0.25 mile southwest of the site at Interstate 805 and Palm Avenue) during the construction of Interstate 805.

The City is undertaking work at the project area to comply with the cleanup order issued by the County LEA and to ultimately facilitate the reuse of the site as part of the Otay Valley Regional Park (OVRP). Eventually, it is envisioned that the entire 13-mile stretch of OVRP will be developed with trails, and that the Shinohara II site will be redeveloped with trails as part of that effort. As a first step to accomplish this, the remediation of the historic burn dump deposit must be completed.

This project consists of installing a minimum two-foot-thick final cover and initiating a site maintenance and monitoring program. The following will be the recommended components of the burn dump closure design and construction:

1. Consolidation of a portion of the waste in areas where it is economically feasible, such as river banks and portions of the burn dump that encroach property lines.
2. Provide a minimum cover of 24 inches of clean, compacted soil over the existing refuse fill. Areas to receive cover placement will be stripped of all existing vegetation.
3. Grade the compacted soil cover such that a minimum grade of 3 percent occurs.
4. Provide engineered storm water runoff collection and conveyance facilities to prevent future ponding of storm water over the burn dump.

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5. Provide improved drainage channel walls or slope armoring and scour protection along the natural drainage courses to prevent washout of the landfill from a 100-year, 24-hour storm event.
6. Provide erosion control and seeding to prevent future erosion of the final cover.
7. Provide final cover planting to sustain natural erosion protection compatible with the surrounding biota and consistent with the proposed end use of the properties as specified by the City's General Plan.
8. Provide a maintenance and inspection plan for the site during the post-closure period (typically 10 to 30 years, as determined by the regulatory authority).

Approximately 5.57 acres will be impacted by above activities and represent the total Area of Potential Effect (APE).

### **Results of Record Search**

An archaeological record search was requested from the SCIC for the APE with a one-mile radius search buffer. The results of the record search indicate that there have been numerous investigations and recorded cultural resources within the search area (Confidential Attachment 1), although none of the resources are found within the APE.

The APE was included in three previous investigations. Twenty-nine prehistoric sites, 16 prehistoric isolated artifacts, one historic site, and one site with prehistoric and historic components have been recorded outside the APE within a one-mile radius. The prehistoric sites include three artifact scatters, 20 lithic scatters, four shell and lithic scatters, and three shell scatters. The historic site consists of a farmhouse, and the multicomponent site contains a lithic scatter, a historic trash scatter, and winery/ranch cement foundations. None of these cultural resource sites are located within the APE. There are two historic addresses listed on the historic database within a one-mile radius but outside the APE.

### **Project Effects and Recommendations**

The proposed project will not adversely affect any recorded cultural resources. The potential for buried significant cultural resources is low because of the import of off-site soils, including those with burned ash and possibly historic trash. These soils and possible historic trash would not be in situ and therefore do not qualify under the National Register of Historic Places as a historic property.

Please call if you have any questions or concerns about this project.

Sincerely,



Carmen Zepeda-Herman  
Principal Investigator

CZH:eab:sh

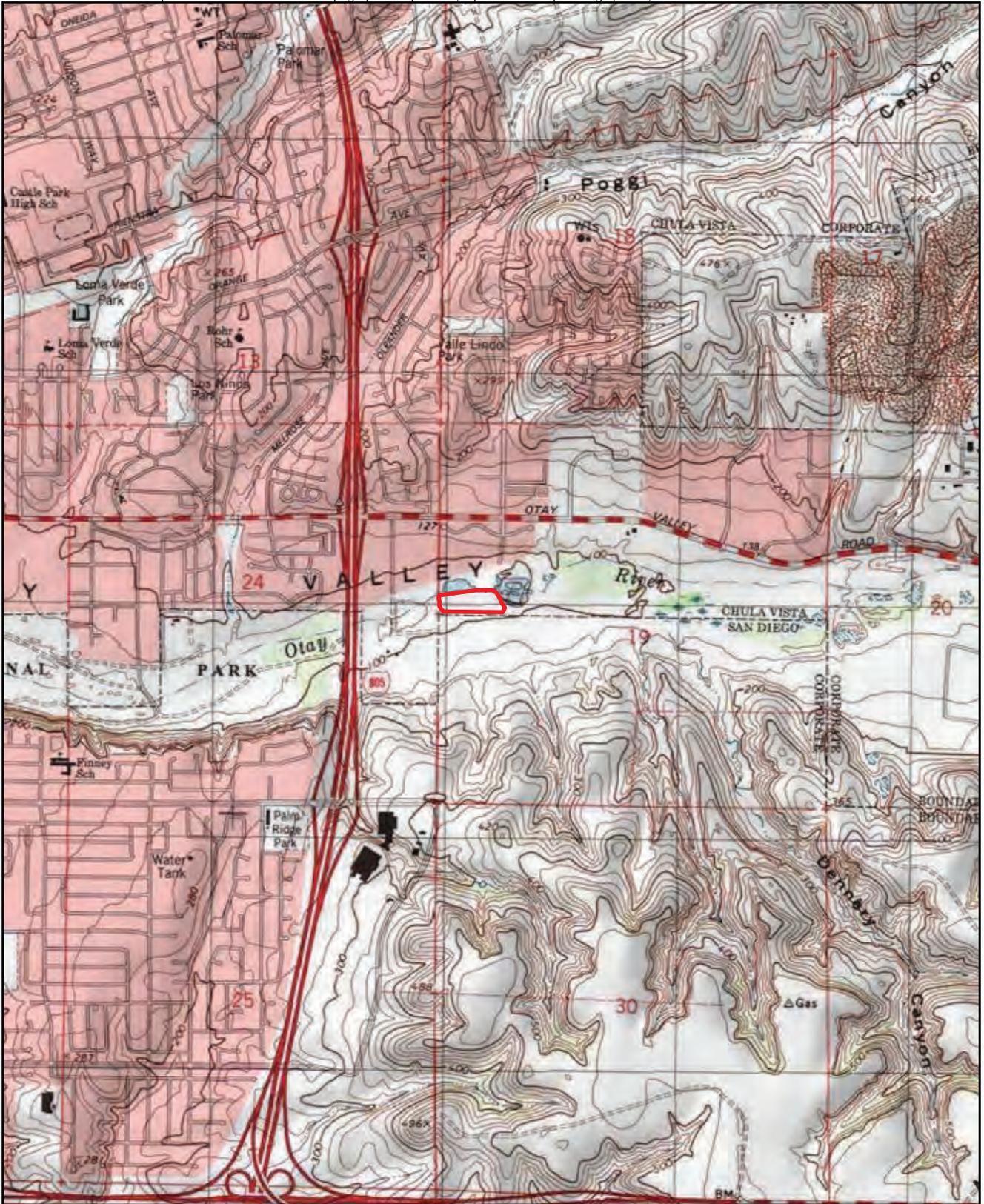
Confidential Attachment



 Project Location

FIGURE 1

Regional Location



 Project Area/Area of Potential Effect

FIGURE 2  
Project Location on USGS Map



-  Project Area/Area of Potential Effect
-  Municipal Boundary

FIGURE 3

Project Location on Aerial Photograph