

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

California Desert District Office
6221 Box Springs Boulevard
Riverside, CA 92507-0714



JUL 10 2001

IN REPLY REFER TO:

8100(P)
CA 40467
(CA-062.40)

FINDINGS AND DETERMINATIONS FOR HISTORIC PROPERTIES

Cadiz Groundwater Storage and Dry-Year Supply Program
San Bernardino County, California

Pursuant to Section V of the State Protocol Agreement (1998) between the Bureau of Land Management - California (BLM), and the California State Historic Preservation Officer, and in accordance with 36 CFR Part 800, the BLM has identified historic properties that may be located within the area of potential effect for this undertaking and has assessed the effect of this undertaking on historic properties.

Documentation of identification efforts are described in a cultural resources report entitled *Cadiz Groundwater Storage and Dry-Year Supply Program, Environmental Planning Technical Report, Cultural Resources, Report No. 1165*, prepared by Applied Earthworks for Metropolitan Water District of Southern California (MWD) and the Bureau of Land Management, November 1999. Documentation and cultural resources assessments are also summarized in a draft Environmental Impact Report/Environmental Impact Statement entitled *Cadiz Groundwater Storage and Dry-Year Supply Program SCH. No. 99021039*, prepared by Metropolitan Water District of Southern California (MWD) for the Bureau of Land Management, November 1999.

BLM has found that the cultural resources documentation and analysis provides sufficient information to assess the effect of this undertaking on significant historic properties located within the Area of Potential Effect (APE) for the Preferred Alternative. In accordance with 36 CFR Part 800.4(b)(2), BLM has employed a phased identification and evaluation process for the alternatives outlined in the NEPA document and is now rendering findings only for specific aspects and locations that are located within the APE for the Preferred Alternative. Based on the results of the cultural resources studies, the

BLM has found that twelve (12) cultural resource sites are present within the Area of Potential Effect for Preferred Alternative . These sites are identified in the California Historic Resources Information system (CHRIS) as: SBR-9848, SBR-9849H, SBR-9850H, SBR-9851H, SBR-9852, SBR-9853H, SBR-9856H, SBR-9857H, SBR-9858H, SBR-3283H, SBR-6693H, and the Iron Mountain Pumping Plant.

Determinations of Eligibility

The BLM has determined that the site identified as SBR-9848 is **not eligible** for inclusion on the National Register of Historic Places (NRHP).

The BLM has determined that the site identified as SBR-9849H is **not eligible** for inclusion on the NRHP.

The BLM has determined that the site identified as SBR-9850H is **not eligible** for inclusion on the NRHP.

The BLM has determined that the site identified as SBR-9851H is **not eligible** for inclusion on the NRHP.

The BLM has determined that the site identified as SBR-9852 is **not eligible** for inclusion on the NRHP.

The BLM has determined that the site identified as SBR-9853H is **eligible** for inclusion on the NRHP under Criteria A and C.

The BLM has determined that the site identified as SBR-9856H is **not eligible** for inclusion on the NRHP.

The BLM has determined that the site identified as SBR-9857H is **not eligible** for inclusion on the NRHP.

The site identified as SBR-9858H has two components, only one of which is in the APE. The BLM has determined that the component in the APE, a trash scatter related to railroad construction is **not eligible** for inclusion on the NRHP. No agency finding for the other component of SBR-9858H, outside the APE, is offered for this undertaking.

The BLM has determined that the site identified as SBR-3283H is **eligible** for inclusion on the NRHP under Criteria A and D.

The BLM has determined that the site identified as SBR-6693H has been previously determined **eligible** for inclusion on the NRHP under Criteria A and C.

The BLM has determined that the site identified as the Iron Mountain Pumping Plant is

eligible for inclusion on the NRHP under Criteria A and C.

Determinations of Effect

In accordance with 36 CFR Part 800.5(3)b), BLM proposes that the following modifications and conditions to the undertaking are sufficient to achieve avoidance of adverse effects to historic properties:

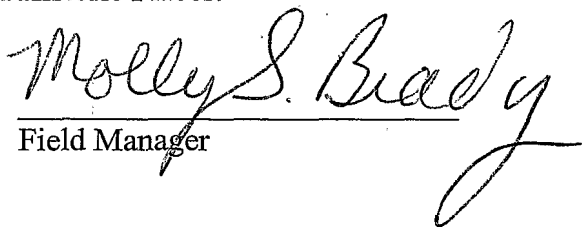
BLM proposes that boring or tunneling under or jacking of the railroad berm and restoring landscaping to original condition, is a sufficient condition or modification to the undertaking to avoid adverse effects to the significant qualities and values of historic properties identified as SBR-6693H and SBR-9853H.

BLM proposes that restricting the corridor through which construction may occur in the vicinity of the site identified as SBR-3283H to a corridor previously excavated and utilized by the All-American Pipeline where there are no remaining site elements that contribute to NRHP-eligibility is a sufficient condition and modification of the undertaking to avoid adverse impacts to the significant qualities or values of SBR-3283H.

BLM proposes that construction of a new pumping plant outside the viewshed of the historic Iron Mountain Pumping Plant and within a disturbed area near the plant, which is built according to an architectural design that is compatible with, and sympathetic to the historic pumping plant, is a sufficient condition and modification of the undertaking to avoid adverse impacts to the significant qualities and values of the Iron Mountain Pumping Plant.

This undertaking will have no effect on any qualities or values that may qualify any cultural resource located within the APE for inclusion on the National Register of Historic Places. Therefore, BLM has concluded and determined that there will be **no historic properties adversely affected** by this undertaking.

In accordance with the Protocol, BLM has satisfied its responsibilities to take into account the effects of this undertaking on historic properties that may be included or eligible for inclusion on the National Register of Historic Places.


Field Manager



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

California Desert District Office
6221 Box Springs Boulevard
Riverside, California 92507-0714

In Reply Refer To:
8100(P)
CACA 40467
(CA-062.40)

MEMORANDUM

TO: Field Office Manager, Needles
THROUGH: Needles Resources Branch Chief
FROM: District Archaeologist
DATE: February 12, 2001
SUBJECT: Report of Investigations and Recommendations Pursuant to the State Protocol for Heritage and Cultural Resources (Section 106, National Historic Preservation Act)
PROJECT: Cadiz Groundwater Storage and Dry-Year Supply Program, San Bernardino County, California

Pursuant to Section V of the State Protocol Agreement (1998) between the California State Historic Preservation Office (SHPO) and the Bureau of Land Management - California (BLM), and in accordance with 36 CFR Part 800, this memorandum documents BLM's efforts to identify, evaluate and assess effects for historic properties that might be affected by this undertaking as required by Section 106 of the National Historic Preservation Act.

EFFORTS TO IDENTIFY HISTORIC PROPERTIES

The Area of Potential Effect (APE) was surveyed at a BLM Class III level by staff archaeologists of Applied Earthworks, Inc., under Cultural Use Permit Number CA-062-99-009. Adequate descriptions of the APE and identified cultural resources were presented for the proposed project and are documented in *Cadiz Groundwater Storage and Dry-Year Supply Program, Environmental Planning Technical Report, Cultural Resources*. The cultural resources documentation and analysis provides the BLM with sufficient information to assess the effect of this undertaking on significant historic properties located within the APE for the undertaking's Preferred Alternative.

RESULTS OF SURVEY WITH EVALUATIONS AND EFFECT RECOMMENDATIONS

Twelve (12) cultural resource sites were identified within the APE for the Preferred Alternative. Of these, one site, CA-SBR-6693H, has been previously determined eligible for listing on the National Register of Historic Places (NRHP). Three sites, CA-SBR-9853H, CA-SBR-3283H, and the Metropolitan Water District's (MWD) Iron Mountain Pumping Plant, have been determined

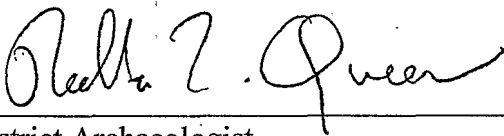
eligible for inclusion on the NRHP. Eight sites, CA-SBR-9848, 9849H, 9850H, 9851H, 9852, 9856H, 9857H, were determined not eligible for nomination to the NRHP. One site, CA-SBR-9858H, has two components, or loci, only one of which is within the APE. The component within the APE, a trash scatter related to railroad construction is not eligible for inclusion on the NRHP. No agency finding for the other component of CA-SBR-9858H, outside the APE, was made for this undertaking.

In accordance with 36 CFR Part 800.5(3)(b), the I recommend that BLM propose that the following modifications and conditions to the undertaking are sufficient to achieve avoidance of adverse effects to eligible historic properties:

1. Propose that boring or tunneling under the existing railroad berm and restoration of the landscape to original condition is a sufficient modification to the undertaking to avoid adverse effects to the historic property values of CA-SBR-6693H and 9853H.
2. Propose that restricting the APE in the vicinity of CA-SBR-3283H to a corridor previously excavated and utilized by the All-American Pipeline, where no remaining site elements that contribute to NRHP eligibility is a sufficient condition and modification of the undertaking to avoid adverse impacts to the historic values of CA-SBR-3283H.
3. Propose that construction of a pumping plant within a disturbed area outside of the viewshed of the historic Iron Mountain Pumping Plant according to an architectural design that is compatible with the existing historic pumping plant is a sufficient condition and modification of the undertaking to avoid adverse impacts to the significant qualities and values of the Iron Mountain Pumping Plant.

STAFF RECOMMENDATIONS

I recommend that sites CA-SBR-9848, 9849H, 9850H, 9851H, 9852, 9856H, 9857H, and one loci of 9858H present within the APE, be determined **not eligible**. I recommend that sites CA-SBR-6693H, 9853H, 3283H, and the Iron Mountain Pumping Plant be determined **eligible**. This undertaking, with implementation of BLM proposed modifications and conditions, will have no effect on any qualities or values that may qualify any cultural resources located within the APE for inclusion on the NRHP. I recommend that there will be **no historic properties adversely affected** by this undertaking.



District Archaeologist

1 Attachment
Findings and Determinations for Historic Properties