

**Cultural Resources Report
Wild Goose Phase 3 Expansion Project
Butte County, California
Colusa County, California**

April 2009

Prepared for:
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Colusa County, California**

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EXECUTIVE SUMMARY

TITLE: Cultural Resources Report
Wild Goose Phase 3 Expansion Project
Butte County, California & Colusa County, California

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ABSTRACT:

This cultural resources study was conducted to identify the presence or absence of cultural resources within the boundaries of the Wild Goose Phase 3 Expansion Project. This study provides the results of a cultural resource literature review, records search, Sacred Lands File search and pedestrian survey for the Wild Goose Phase 3 Expansion Project in Butte and Colusa Counties, California. This study was conducted in compliance with the Counties of Butte and Colusa and California Environmental Quality Act guidelines. The records searches, literature reviews, and Sacred Lands File search did not identify previously recorded prehistoric or historic cultural resources within the project area of potential effect. The pedestrian survey did not result in the identification of previously unrecorded cultural resources, so no further work is recommended.

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- Attachment A: Records Search Results
- Attachment B: Sacred Lands File Search
- Attachment C: Native American Correspondence

1.0 INTRODUCTION

This study was prepared by TRC Solutions, Inc. (TRC) to identify the presence or absence of cultural resources within the boundaries of the Wild Goose Phase 3 Expansion Project in compliance with the California Environmental Quality Act (CEQA). For its Phase 3 Expansion, Wild Goose Storage, LLC (WGS) is proposing to expand its existing Remote Facility Site in Butte County and Delevan Interconnect Site in Colusa County, California (see Figure 1) (the “Project”). A records search and literature review of the project areas were completed at the Northeast Information Center (NEIC), California State University, Chico and the Northwest Information Center (NWIC), Sonoma State University. A search of the Sacred Lands File (SLF) was conducted by the California Native American Heritage Commission (NAHC), Sacramento. The results of the records search, literature review, and SLF search suggested a low probability of encountering any cultural resources during project development. Utilizing 5-meter transects, a qualified TRC archaeologist conducted an intensive pedestrian survey on December 4, 2008 of an area encompassing 13.5 acres on the west side of the Remote Facility Site and 25.5 acres around the Delevan Interconnect Site. An additional 4 acres west of the extent of the December 4th survey boundary at the Delevan Interconnect Site was surveyed on February 25, 2009. These survey areas are referred to as the area of potential effect (APE) (see Figure 1).

1.1 PROJECT DESCRIPTION

WGS is proposing to expand its existing storage facilities in Butte and Colusa Counties, California. The Phase 3 Expansion represents a supplemental expansion, an addition to a facilities expansion undertaken in 2002 (“Expansion”), and incorporates an expansion of a Remote Facility Site to allow for installation of further process and compression equipment and an expansion of the Delevan Interconnect Site to accommodate increased flow of gas resources. The Remote Facility Site proposed expansion includes relocating a parking area for hunters adjacently west of the proposed Remote Facility Site expansion footprint. The Delevan Interconnect Site proposed expansion includes construction of an approximately 650-foot lateral pipeline between the Delevan Interconnect Site and the Pacific Gas and Electric Company (PG&E) Line 400/Line 401 transmission system. For simplicity, the Phase 3 Expansion is divided into two study areas: the eastern study area incorporates the Remote Facilities Site (RFS) and the western study area incorporates the Delevan Interconnect Site (see Figure 1). This study was conducted in compliance with Counties of Butte and Colusa and CEQA guidelines.

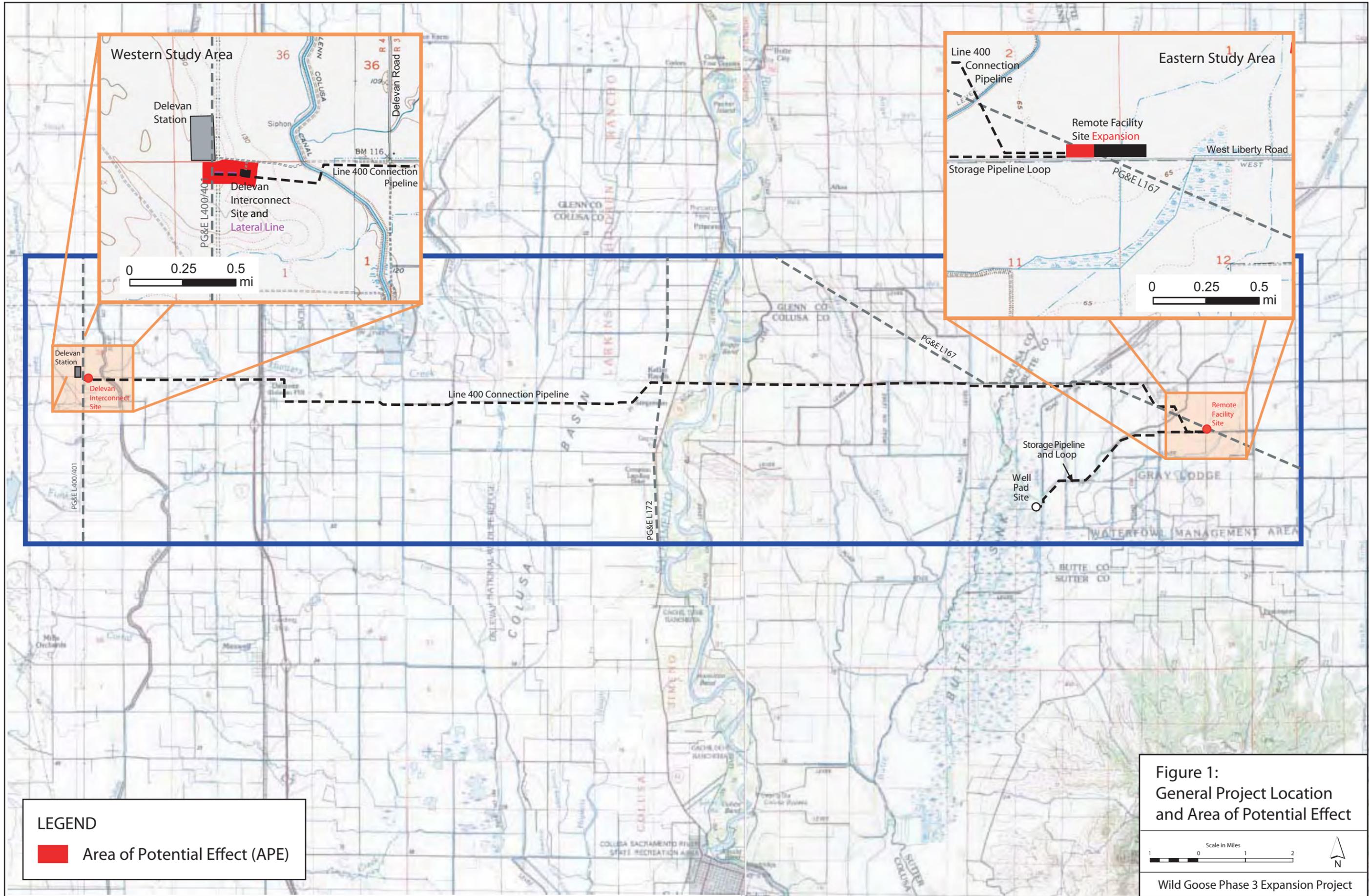


Figure 1:
General Project Location
and Area of Potential Effect



Wild Goose Phase 3 Expansion Project

2.0 ENVIRONMENTAL SETTING

The Phase 3 Expansion is located within the Sacramento Valley between the Southern Cascade Range and the Sierra Nevada, approximately 50 miles north of the city of Sacramento in Butte and Colusa Counties. This region includes various topography including valley floor, wetlands, riverine settings, and foothill areas. The Sutter Buttes, a notable geological and geographical landmark that rise from the Sacramento Valley floor, are located about four miles southeast of the eastern study area.

At the present time, the area of proposed expansion for the Remote Facility Site is adjacently west of the facility itself. This is a 500-foot by 1,200-foot parcel of land designated the APE for the Remote Facility Site expansion (refer to Figure 1). This area is fallow, highly disturbed land that has been partially graded and cleared and exhibits short wild grasses (*grammae*) and includes a portion of graded and plowed agricultural fields intermittently flooded to facilitate the cultivation of rice. Most of the area is leveled with coarse sand and gravel stone, and a gravel road from a gate on the north side of West Liberty Road provides access to hunters and their recreational vehicles (RVs). This area is used for parking and as a base camp for hunting activities. The rice field extends west of this parking area, which is where the parking area is proposed to be relocated.

An area of up to 500 feet to the north, east, and south, and up to 800 feet to the west of the existing facility would encompass the proposed expansion of the Delevan Interconnect Site as well as the proposed new lateral pipeline that would proceed from the Delevan Interconnect Site and connect to the existing PG&E Line 400/Line 401 transmission system. Therefore, the APE for the Delevan Interconnect Site expansion consists of all land extending 500 feet to the north, east, and south, and 800 feet to the west of the existing facility (project area) (refer to Figure 1). This area is rangeland exhibiting rolling hills of tall, wild grasses (*grammae*) that obstruct views of the ground surface. An approximately 210-foot long gravel road provides access to the existing facility from Dirks Road, and a 9-foot wide dirt access road proceeds along the perimeter of the facility. Two PG&E pipelines (Line 400 and Line 401 transmission system) proceed north-south below ground within the western portion of the APE.

2.1 ETHNOGRAPHIC BACKGROUND

The Project study areas are part of the northern Sacramento Valley, an area with a long history of human occupation from 12,000 years ago to the present. This region includes a range of topography including valley floor, wetlands, riverine settings, and foothill areas. Ecologically speaking, the project study areas have provided a favorable environment during the prehistoric period providing riverine and upland resources to native populations (Moratto 1984; Kowta 1988; and Basgall and Hildebrandt 1989). The traditional subsistence practices of the early inhabitants of the region focused on hunting and the collection of resources offered primarily by regional wetlands. A change in climate to more arid conditions around 8,000 years ago resulted in an emphasis on the collection and processing of small hard seeds and the possible migration of Hokan-speaking Native Americans into the region. Between 5,000 and 3,000 years ago, a Penutian-speaking Native American group entered the area and focused on salmon and acorns as

primary food staples as evidenced by archaeological remains. A cooler climate some 3,000 to 1,500 years ago saw movement from the uplands to the river and foothill areas and an increased reliance on acorn processing. The time from 1,500 to 200 years ago saw the entry of the ethnographic identified Wintu and Nomlaki in the northern Sacramento Valley along with the development of a sedentary, storage-based economy focused on the acorn processing and a village based social construct. Groups who did not adopt this way of life moved into the foothills and more mountainous areas.

Native American

The Project study areas are situated in the area claimed by the Patwin and an “unclaimed” area between the Patwin, Valley Maidu, and Konkow (also known as the Valley or Northwestern Maidu) (Kroeber 1925, 1932; Riddell 1978). The Patwin occupied the southern part of the Sacramento Valley to the west of the river from the town of Princeton south to San Pablo and Suisun bays (Johnson 1978:350). The main Valley Maidu settlement of Pinhuk, located near Butte City (about 10 miles northwest of the eastern study area), was the nearest Native American settlement on the east side of the Sacramento River. A number of River Patwin settlements were located on the west side of the Sacramento River near Colusa.

Native American groups who may have used the Project study areas occupied a specific home territory with several more-or-less permanent settlements. In addition, a larger number of seasonal campsites were used for an annual round of subsistence activities focused on gathering plants and hunting animals. The eastern study area lies about 3 miles east of the Butte Sink, which is part of a 3- to 4-mile-wide traditional hunting and fishing area that extends along Butte Creek (Kroeber 1932:268). Additional information on Native Americans in the study areas is included in Kroeber (1925, 1932) and Johnson (1978).

Historic

The northern Sacramento Valley region was explored and lightly settled late in the Spanish-Mexican colonial era. The Spanish did not enter the area until 1808, and it was not mapped in any detail until 1843. From the late 1820s through the mid-1840s, Canadian and American fur trappers passed through the region. During the Hispanic Period, Native Americans worked with former neighboring groups at the missions, and later, after the secularization of the missions by Mexico in 1834, the majority gradually moved to ranches to work as agriculturists and manual laborers.

Hispanic Period

After an initial period of exploration, the Spanish concentrated on the founding of presidios, missions, and secular towns with the land held by the Crown (1769-1821). In contrast, the later Mexican policy stressed individual ownership of the land.

A halfdozen ranchos were established in 1844-47 at the end of the Mexican period for raising cattle. These vast land grants, ranging in size from 17,000 to 26,000 acres, were located for the

most part along the Sacramento and Feather rivers to the east and north of the project study areas.

The Larkins Children Rancho was located on the west side of the Sacramento River from about present-day Codora (west and slightly south of Butte City) south to Compton Landing. This 44,364-acre rancho was finally confirmed to Francis Larkin et al. Following the Mexican War of 1846-48, California was ceded to the United States (McGie 1970; Talbitzer 1987).

American Period

The history of the Project areas is closely linked to the natural setting. Primary themes in the area's development during the American period include agriculture, land reclamation, irrigation, hunting, and wildlife management, with secondary pursuits including mining, transportation, and urban development.

Gold Rush

The first wave of settlement in the region occurred during the Gold Rush, beginning in 1848 and tapering off by the mid-1850s. Numerous mining camps sprang up along the Feather River and its tributaries, giving rise to permanent towns such as Oroville and Chico. By 1860, hydraulic mining companies dominated gold mining along the Feather River. These large-scale operations required elaborate systems of dams, reservoirs, ditches, and pipelines to deliver water to high-pressure hoses that washed away bluffs and hillsides to reach gold-bearing strata. Debris and slickens from the mines washed downstream, causing floods and inundating farmland with sand and gravel. Litigation by agricultural interests led to an 1884 court order halting most hydraulic mining in the region (Wells and Chambers 1882; Gilbert 1917; Talbitzer 1987; Kelley 1989).

Butte/Colusa Counties

California achieved statehood in 1850 at the height of the Gold Rush. Butte County (named for the Sutter Buttes) was established in that year as one of the state's original 27 counties. Originally much larger, Butte lost most of its territory to other counties with the current boundaries finally set by 1856. Colusa County, originally known as Colusi, was created but not separately organized in 1850. Between 1851 and 1855, public land in the county was surveyed and subdivided into townships and sections and gradually came under private ownership (United States Surveyor General's Office 1856; United States General Land Office 1856-1881; Coy 1923; Robinson 1948).

Agriculture

The general land survey was completed just as the project study areas were beginning to make the transition from a mining-oriented economy to one based on agriculture and lumber. Early settlers in the study area established farms and ranches for cultivating grain (primarily wheat and barley) and raising livestock (primarily cattle and sheep). Dry farming of grain and the ranging of livestock remained predominant in the region through the first decade of the 20th century.

Railroad

The Project study areas remained sparsely settled through the 1860s. The first permanent towns in the region, Gridley and Biggs, were laid out around stations on the line of the California and Oregon Railroad in 1870. The railroad, which eventually consolidated with the Central/Southern Pacific system, had a key role in the development of the region by carrying out agricultural products and bringing in materials and supplies needed to build up the area (McGie 1970; Robinson 1948).

Irrigation and Drainage Systems

Irrigation and drainage systems had a fundamental role in the development of the region by transforming farming practices. The year-round availability of water meant that large holdings could be subdivided into smaller parcels for resettlement and recultivation, a process that began at the turn of the century and accelerated in the 1910s and 1920s.

Rice

By World War I, the agricultural economy had expanded and diversified beyond grain and livestock to include a variety of irrigation-based crops. The most important of these new crops was rice. California's rice industry originated in southwest Butte County in the early years of the century. A wartime boom in the rice market fueled a rapid expansion of rice farming in the Sacramento Valley. The intensive development of irrigation and drainage systems during this period was closely linked to rice farming (Mansfield 1918; California Blue Book 1932; Talbitzer 1987; Johnson, Haslam, and Dawson 1993; Bradford 1996). The rice market collapsed after the war, but then slowly stabilized. Between 1929 and 1981, California's total rice harvest increased from 82,500 acres to 590,000 acres, with 80 percent of the crop produced in the Sacramento Valley.

Because of the enormous amounts of water used in flood irrigation, rice farming had a significant impact on the region's wetlands by releasing water from the rice fields during the dry summer season. The proliferation of wetlands, in tandem with rice cultivation, increased waterfowl populations throughout the region, particularly in the vicinity of the Butte Sink. The bird populations attracted sport hunters, and a number of gun clubs were established in the area around Butte Sink and in other wetland areas of the Sacramento Valley during the 1910s and 1920s (Kerhoulas 1996; Meredith 1996).

Since the 1920s, the project study areas have been characterized by a continuity of uses that include large-scale reclamation systems, hunting, wildlife and habitat management, and rice farming. The major new development during this period involved the production of natural gas. The Wild Goose Gas Field was discovered in 1951 and ultimately developed with nine primary wells. Production ceased in 1988 when the field was depleted.

3.0 RECORDS SEARCH RESULTS

The California Historic Resources Information System (CHRIS) maintains regional offices that manage site records for known cultural resource locations and related technical studies. The regional offices for Butte and Colusa Counties respectively are the Northeast Information Center (NEIC) at California State University, Chico and the Northwest Information Center (NWIC) at Sonoma State University. In order to establish baseline conditions, records searches were conducted for a 0.5 mile radius around the APE at the NEIC and NWIC in December of 2008 (NEIC File No. D08-101; NWIC File No. 08-0616, Attachment A^{*}).

Sources reviewed include all known and recorded archaeological and historic sites and cultural resource reports for the project areas. Additional resources that were consulted for relevant properties included the California Register of Historical Resources (CAL/OHP 2008a), the Historic Properties Directory for Butte and Colusa Counties (CAL/OHP 2008b), the National Register of Historic Places (CAL/OHP 1988), the California Inventory of Historic Resources (CAL/OHP 1976), California Points of Historical Interest (CAL/OHP 1992), California Historical Landmarks (CAL/OHP 1996), the Handbook of North American Indians, Vol. 8, California (CAL/OHP 1970), and Historic Spots in California (CAL/OHP 1966).

The records searches did not result in the identification of previously recorded prehistoric or historic cultural resources within the Project APE, nor did they result in the identification of previously recorded prehistoric or historic cultural resources within a 0.5-mile radius of the project APE (see Attachment A). A total of twelve cultural resource studies have been completed within a 0.5 mile radius of the Project APE. Furthermore, the records searches revealed that portions of both the Remote Facility Site and Delevan Interconnect Site had been previously surveyed. Records search results are summarized below.

3.1 WITHIN THE PROJECT AREAS

Eight previous cultural resource studies (Arnold 1964; Basin Research Associates, Inc. 1999, 2003; Busby 2001, 2003a, 2003b; Moratto et al. 1990, 1995) have been conducted within the Delevan Interconnect Site APE, and one previous cultural resource study (Basin Research Associates, Inc and Minor 1996) has been conducted within the Remote Facility Site APE. There are no previously recorded cultural resources within either the Remote Facility Site or the Delevan Interconnect Site APE.

3.2 WITHIN A 0.5 MILE RADIUS OF THE PROJECT AREAS

Three previous cultural resource studies have been conducted within a 0.5-mile radius of the Project APE. There are no previously recorded cultural resources within a 0.5-mile radius of the Project APE.

^{*} There is restricted access to Attachment A due to confidential site information

3.3 CALIFORNIA STATE HISTORIC LANDMARKS

The records searches did not result in the identification of CHL within a 0.5 mile radius of the project APE.

3.4 NATIONAL REGISTER OF HISTORIC PLACES

The records searches did not result in the identification of NRHP historic properties within a 0.5 mile radius of the project APE.

3.5 SUMMARY OF RESULTS

The results of the records searches revealed that nine previous cultural resource studies have been conducted within the Project APE, three previous cultural resource studies have been conducted within a 0.5-mile radius of the project APE, and no cultural resources have been recorded within a 0.5-mile radius of the Project APE. Early USGS maps were reviewed for early historic structures; however, no historic structures were identified within the project APE or within a 0.5-mile radius of it. Known cultural resources identified in Butte County within the eastern study area include the Gray Lodge Wildlife Area and two contributing elements of Reclamation District 833; in Colusa County, the Glenn-Colusa Canal is the only known cultural resource identified within the western study area (see Figure 2). These cultural resources, however, are either not within the 0.5-mile radius of investigation or not identified in the records search results.

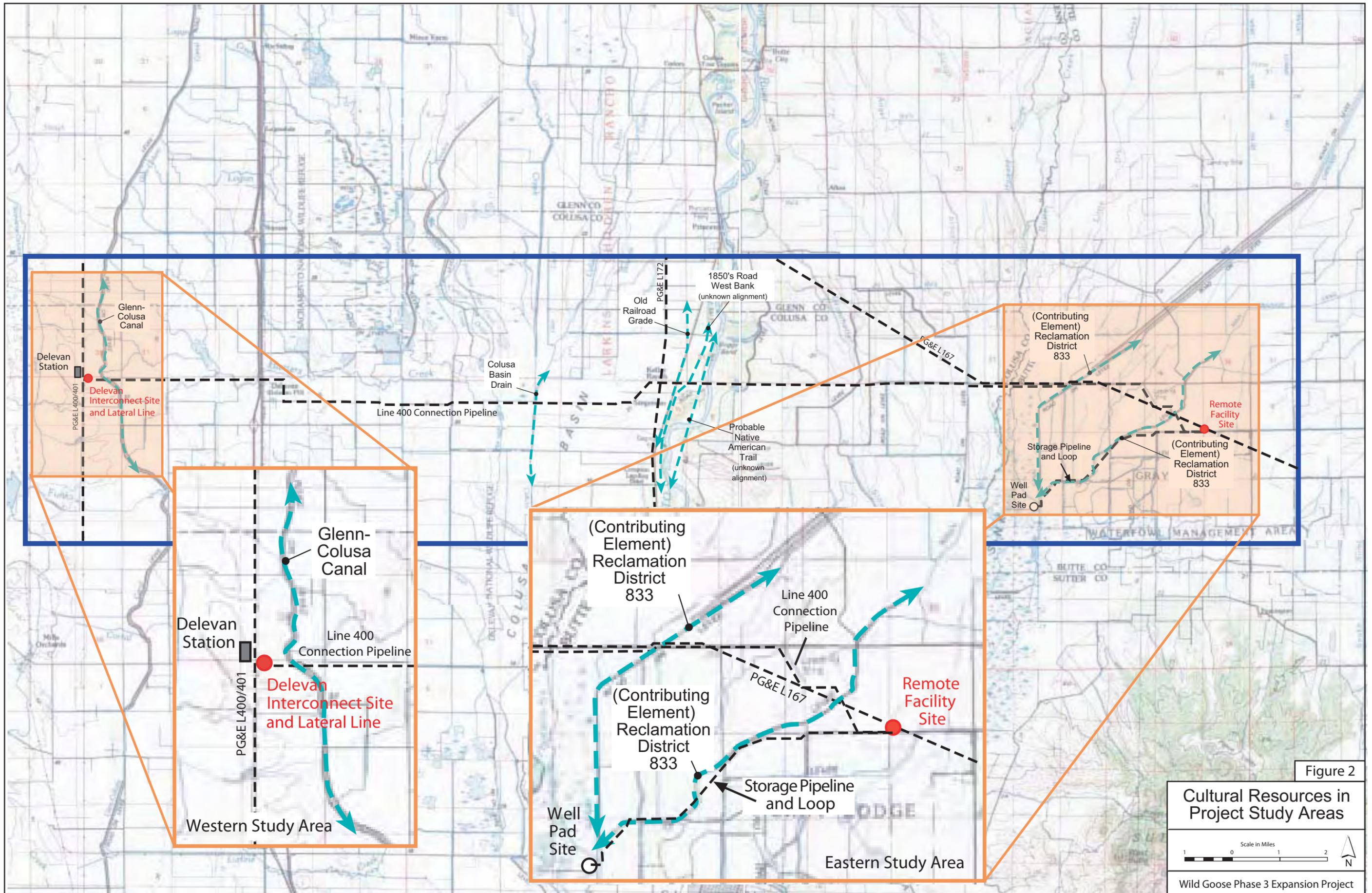
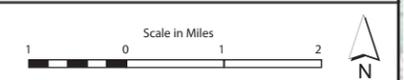


Figure 2

Cultural Resources in Project Study Areas



4.0 NATIVE AMERICAN SACRED LANDS FILE SEARCH

In order to acquire more information about potential cultural resources located in or near the areas proposed for the Phase 3 Expansion, a request for information was submitted to the Native American Heritage Commission (NAHC) on November 20, 2008 (see Attachment B[†]). In their response, the NAHC stated that the Sacred Lands File did not indicate the presence of cultural resources in the immediate vicinity of the project areas. In their transmittal, the NAHC also enclosed a list of Native American individuals and/or organizations that might have knowledge of cultural resources in the project areas and suggested that all on the list be contacted. TRC notified all those listed, as suggested by the NAHC, on December 10, 2008 and to date, TRC has not received any responses from interested parties (Attachment C[‡]).

[†] There is restricted access to Attachment B due to confidential site information.

[‡] There is restricted access to Attachment C due to confidential site information.

5.0 PEDESTRIAN SURVEY

On December 4, 2008 and February 25, 2009, TRC Staff Archaeologist Dionisios Glentis surveyed a 500-foot-by-1,200-foot area on the west side of the Remote Facility Site and an area extending 500 feet to the north, east, and south and 800 feet to the west from the Delevan Interconnect Site (the APE) (refer to Figure 1). The total surface area surveyed was approximately 43 acres.

5.1 FIELD METHODS

Mr. Glentis performed the pedestrian survey utilizing 5-meter intervals between survey transects. Upon encountering a cultural resource, Mr. Glentis would flag the position of the artifact and thoroughly record the isolate. Mr. Glentis would then examine a 50-foot radius to identify the possibility of a site (as opposed to an isolate). Recordation of sites would involve a written description of the site and its surroundings, Trimble point or polygon track with data dictionary input, scaled map of the site and its ecological features, Munsell soil description, photographs, and plotting on the appropriate USGS 7.5' topographic map.

5.2 SURVEY RESULTS

Upon completion of the pedestrian survey, TRC determined that approximately 45 percent of the APE was covered with vegetation providing limited surface visibility. The Remote Facility Site APE of the eastern study area afforded a high degree of surface visibility while the Delevan Interconnect Site APE of the western study area afforded low surface visibility. The field survey resulted in the recordation of zero cultural resources, either prehistoric or historic. No previously recorded cultural resources are located within the APE of either project facility. However, during any excavation activity there is always a chance of encountering buried cultural resources. In this instance a qualified archaeologist should be notified immediately.

Remote Facility Site

The area of proposed expansion for the Remote Facility site is adjacently west of the facility itself (refer to Figure 1). This area is fallow, highly disturbed land that has been partially graded and cleared and exhibits short wild grasses (*grammae*) and includes a portion of a rice field that was flooded at the time of the pedestrian survey. This area is leveled with coarse sand and gravel stone, and a gravel road from a gate on the north side of West Liberty Road provides access to hunters and their recreational vehicles (RVs). At the present time this area is used for parking and as a base camp for hunting activities. The rice field is situated west of the parking area, which is where the parking area is proposed to be relocated.

A 6-foot tall artificial berm proceeds in a north/south direction along the west end of the parking area. This berm is likely a spoil pile from area grading and surrounding rice field maintenance. To the north and west of the APE, there are rice fields that were flooded at the time of the pedestrian survey. Adjacently east of the APE is the Remote Facility Site. South of the APE,

West Liberty Road proceeds in an east/west direction while just beyond is the Gray Lodge Wildlife Area which is natural habitat and presumably undisturbed. No cultural resource deposits were identified during the survey of the Remote Facility Site.

Delevan Interconnect Site

The area of proposed expansion for the Delevan Interconnect Site is expected to extend up to 500 feet north, east, and south and 800 feet west from the existing facility (refer to Figure 1). This area is rangeland exhibiting rolling hills of tall, wild grasses (*grammae*) that obstruct views of the ground surface. An approximately 210-foot long gravel road provides access to the subject facility from Dirks Road, and a 9-foot wide dirt access road proceeds along the perimeter of the facility. Two PG&E pipelines (Line 400 and Line 401 transmission system) proceed north-south below ground within the western portion of the APE. No cultural resource deposits were identified during the survey of the Delevan Interconnect Site.

6.0 REGULATORY SETTING

Cultural resources in the State of California are recognized as non-renewable resources that require management to assure their benefit to present and future Californians. Therefore, cultural resources management work conducted as part of any proposed undertaking must comply with applicable federal, state, and/or local regulations designed to protect the cultural heritage within the proposed project area.

6.1 HISTORICAL RESOURCES & UNIQUE ARCHAEOLOGICAL RESOURCES

The goal of numerous laws, regulations, and statutes at federal and state levels seek to protect and direct the management of cultural resources. These include the Antiquities Act of 1906; Historic Sites Act of 1935; Reservoir Salvage Act of 1960; National Historic Preservation Act (NHPA); National Environmental Policy Act (NEPA); Executive Order 11593 (Projection and Enhancement of the Cultural Environment, 1971); 36 CFR 800 and CFR 60 (Advisory Council on Historic Preservation: Protection of Historic and Cultural Properties, Amendments to Existing Regulations, 1/30/1979; National Register of Historic Places (NRHP), Nominations by States and Federal Agencies, Rules and Regulations, 1/9/1976); Revisions to 36 CFR 800 (Protection of Historic Properties, 1/10/1986); Archaeological and Historical Preservation Act of 1974; American Indian Religious Freedom Joint Resolution of 1978; Archaeological Resources Protection Act of 1979; Native American Graves Protection and Repatriation Act of 1990; and CEQA. Together, these regulations and guidelines create a comprehensive program for the identification, evaluation, and treatment of cultural resources.

6.2 FEDERAL SIGNIFICANCE CRITERIA

Enacted in 1966, the NHPA has become the foundation and framework for historic preservation in the United States. Briefly, the NHPA authorizes the Secretary of the Interior to expand and maintain an NRHP; it establishes an Advisory Council on Historic Preservation as an independent federal entity, requires federal agencies to take into account the effects of their undertakings on historic properties, and affords the Advisory Council a reasonable opportunity to comment on any undertaking that may affect historic properties listed, or eligible for listing, in the NRHP. Additionally, it makes the heads of all federal agencies responsible for the preservation of historic properties owned or controlled by their agencies. Furthermore, the NHPA authorizes funding for state programs with provisions for pass-through funding and participation by local governments. In summary, the NHPA provides the legal framework for most state and local preservation laws.

The National Park Service has issued regulations governing the NRHP (36 Code of Federal Regulations [CFR] 60). Among the topics covered in detail in these regulations are the effects of listing under federal law, definition of key terms (e.g., building, site, structure, and district), nomination procedures, nomination appeals, and removing properties from the NRHP.

Importantly, Section 60.4 of the regulations presents the criteria by which historic properties are evaluated for the NRHP.

The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and:

- that are associated with events that have made a significant contribution to the broad patterns of our history;
- that are associated with the lives of persons significant in our past;
- that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- that have yielded, or may be likely to yield, information important in prehistory or history (36 CFR 60.4).

A point to be emphasized is that a historic property does not have to be nominated for, or listed in, the NRHP to be afforded protection under the NHPA. Indeed, most of the properties managed under this and other federal historic-preservation authorities have never been nominated for the NRHP. The significance of a historic district, site, building, structure or object—and thus its required consideration under the law—is determined by the property’s eligibility for the NRHP with respect to the criteria set forth in 36 CFR 60.4.

The NHPA established the Section 106 review procedure to protect historic and archaeological resources that are listed in, or eligible for listing in, the NRHP from impacts of projects by a federal agency, projects funded or permitted by a federal agency, or projects located on federally-owned land or Native American-owned land. State Historic Preservation Officers and programs in all states and U.S. territories receive federal funding to carry out the provisions of the NHPA. This funding comes from a yearly appropriation by the legislative branch of the federal government. The NHPA requires that at least 10 percent of funds to the state be passed through to Certified Local Governments.

6.3 STATE SIGNIFICANCE CRITERIA

Discretionary actions undertaken by state or local governments in California, unless otherwise exempted, must comply with the CEQA *Statutes and Guidelines* (California 1999). Enacted in 1971, CEQA directs lead agencies to first determine whether a cultural resource is a “historically significant” cultural resource. In the protection and management of the cultural environmental, CEQA guidelines provide definitions and standards for cultural resources management. The term “historical resource” is defined as follows:

- (1) A resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the *California Register of Historical Resources (CRHR)*.
- (2) A resource included in a local register of historical resources or identified as significant in a historical resource survey shall be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.
- (3) Any object, building, structure, site area, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be a historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a cultural resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the CRHR, including the following:
 - a. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
 - b. Is associated with the lives of persons important in our past;
 - c. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or
 - d. Has yielded, or may be likely to yield, information important in prehistory or history.

The fact that a resource is not listed in, or determined to be eligible for listing in the CRHR, not included in a local register of historical resources..., or identified in a historical resources survey... does not preclude a lead agency from determining that the resource may be a historical resource [Title 14 CCR Section 15064.5(1)].

The term "unique archaeological resource" has the following meaning under CEQA:

An archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

- (1) *Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.*
- (2) *Has a special and particular quality such as being the oldest of its type or the best available example of its type.*

3) Is directly associated with a scientifically recognized important prehistoric or historical event or person [Public Resources Code Section 21083.2(g)].

A project with an effect that may cause a substantial adverse change in the significance of a historical resource or unique archaeological resource is a project that may have a significant effect on the environment (California 1999:14). Effects on cultural properties that qualify as historical resources or unique archaeological resources can be considered adverse if they involve physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired.

The cited statutes and guidelines specify how cultural resources are to be managed in the context of projects subject to CEQA. Briefly, archival and field surveys must be conducted, and identified cultural resources must be inventoried and evaluated in prescribed ways. Sites that may contain human remains important to Native Americans must be identified and treated in a sensitive manner, consistent with state law (i.e., Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98), as reviewed below.

In the event that human remains are encountered during project development and in accordance with the Health and Safety Code Section 7050.5, the County Coroner must be notified if potentially human bone is discovered. The Coroner will then determine within two working days of being notified if the remains are subject to his or her authority. If the Coroner recognizes the remains to be Native American, he or she shall contact the Native American Heritage Commission (NAHC) by phone within 24 hours, in accordance with Public Resources Code Section 5097.98. The NAHC will then designate a Most Likely Descendant (MLD) with respect to the human remains. The MLD then has the opportunity to recommend to the property owner or the person responsible for the excavation work means for treating or disposing of, with appropriate dignity, the human remains and associated grave goods.

Prehistoric and historical resources deemed “historically significant” must be considered in project planning and development. As well, any proposed undertaking that may affect “historically significant” cultural resources must be submitted to the State Historic Preservation Officer (SHPO) for review and comment prior to project approval by the responsible agency and prior to construction. Subsequent sections of the *CEQA Guidelines* detail methods by which significant effects may be mitigated, and discuss procedures for treatment of human remains discovered in the course of project development.

The California OHP administers the California Register program. As a recipient of federal funding, the OHP meets the requirements of the NHPA with a SHPO who enforces a designation and protection process, has a qualified historic preservation review commission, maintains a system for surveys and inventories, and provides for adequate public participation in its activities. As the recipient of federal funds that require pass-through funding to local governments, the OHP administers the Certified Local Government program for the State of California. The OHP also administers the California Register of Historical Landmarks and California Points of Local Historical Interest programs.

6.4 CONFORMITY OF FEDERAL AND STATE EVALUATION CRITERIA

If a property is eligible for the NRHP, it is automatically eligible for the CRHR. In many cases, determination of a resource's eligibility for the NRHP or CRHR (or its uniqueness) can be made only through extensive research, archaeological testing, and other costly and time-consuming methods. Where possible, and to the maximum extent thereof, resources should be avoided. If, as the project proceeds, it proves impossible to avoid cultural resources on a selected project component, formal eligibility evaluation will be undertaken. If the resource meets the criteria of eligibility for the NRHP or CRHR or is a unique archaeological resource, it will be formally addressed under Section 106 of the NHPA, set forth at 36 CFR 800, and/or Sections 15064.5 and 15126.4 of CEQA guidelines. All mitigation measures outlined in Sections 15064.5 and 15126.4 of CEQA pertaining to the avoidance of direct and indirect impacts will apply.

7.0 IMPACTS

Under CEQA, a project would potentially have significant impacts if it would cause substantial adverse change in the significance of a historical resource (i.e., a cultural resource eligible for inclusion in the CRHR, or archaeological resource defined as a unique archaeological resource which does not meet CRHR criteria), or would disturb human remains. A non-unique archaeological resource need be given no further consideration, other than the simple recording of its existence by the lead agency.

7.1 SIGNIFICANCE CRITERIA

Under criteria based on CEQA guidelines, the project would be considered to have a significant impact on cultural resources if it would result in any of the following:

- a substantial adverse change in the significance of a historical resource that is either listed or eligible for listing on the NRHP, the CRHR, or a local register of historic resources;
- a substantial adverse change in the significance of a unique archaeological resource;
- disturbance or destruction of unique paleontological resource or site or unique geological feature; or
- disturbance of any human remains, including those interred outside of formal cemeteries.

Under CEQA, only those archaeological resources eligible for inclusion in the CRHR or NRHP or defined as unique can be significantly affected (i.e., impacted) with project implementation. In general, archaeological sites are only physically affected, so only construction-related impacts are presented. Indirect impacts from project operation are not expected to occur.

7.2 IMPACTS

Impact 1A: Construction-Related Impacts to Previously Unrecorded, Potentially Significant, and/or Unique Cultural Resources

Vegetation clearing, grading, and excavating within the APE has the potential to disturb previously unrecorded cultural resources. This would be a potentially significant impact of the proposed project. In the event that a cultural resource is encountered during construction, NHPA and CEQA require that work in the vicinity of the find be halted until a qualified archaeologist evaluates the resource. If human remains are encountered, the county coroner and the NAHC must be contacted to evaluate the find and make recommendations. In such events, additional work, including resource avoidance, testing and evaluation excavations (to determine NRHP/CRHR eligibility), and/or full data recovery may be necessary. With the implementation of Mitigation Measure 1A (see below), construction-related impacts to previously unrecorded, potentially significant cultural resources would be reduced to a less-than-significant level.

7.3 MITIGATION MEASURES

Mitigation Measure 1A: Cultural Resource Compliance during Construction per the Recommendations of a Qualified Archaeologist

This Mitigation Measure applies to Impact 1A (see above). In the event of an unanticipated encounter with a cultural resource during construction, it is required that work in the immediate vicinity of the find be halted and a qualified archaeologist consulted to make recommendations on the treatment of the find. If it is determined that the find is a significant or unique cultural resource, contingency funding and a time allotment to allow for implementation of avoidance measures or appropriate mitigation shall be made available, as provided in Section 15064.5 of the CEQA Guidelines. If the find includes human remains, the county coroner and the NAHC must be contacted. The mitigation measures and procedures described would apply to any cultural resources in the proposed project area. With implementation of the measures listed above, no significant unavoidable impacts to known cultural resources are expected to occur.

8.0 SUMMARY AND RECOMMENDATIONS

The study included a records search/literature review and field survey of the approximately 13.5-acre Remote Facility Site and 29.5-acre Delevan Interconnect Site project areas (APE). The records searches/literature reviews and field surveys were negative, identifying no prehistoric or historic resources. Given the absence of previously recorded cultural resources, the moderate degree of disturbance, and the negative field surveys, no additional cultural resource work is recommended. As visibility was limited throughout the western project study area (Delevan Interconnect Site), a qualified archaeologist should be immediately contacted should any buried cultural deposits be encountered during construction activities to ensure that buried cultural resources (i.e., artifact deposits, burials, hearths, etc.) are handled in a proper and timely manner.

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**ATTACHMENT A
RECORDS SEARCH RESULTS**

CONFIDENTIALITY

The site location data presented in these attachments, particularly site sensitivity location maps, are of a sensitive nature and must remain confidential. Caution must be exercised in distributing this information. Maps should be available only to managers, officials, and other professionals who have a legitimate “need to know,” for purposes of avoiding site impacts during construction or otherwise managing historic properties during project implementation.



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

20 November, 2008

Dr. Frank Bayham, Interim Coordinator
Northeast Information Center
Department of Anthropology, Langdon 303
California State University, Chico
Chico, CA 95929-0377

Project Ref: Wild Goose Expansion 3 Project
Project Manager: Mark Cassidy

Dear Dr. Bayham,

TRC Companies, Inc. is conducting a cultural resources records search and survey for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include expansion of a remote facility site, construction of additional compressor units, installation of two new process trains, and expansion of a meter station. Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

The project will be constructed within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles.

I would like to request a literature search at the Northeast Information Center for any previously recorded cultural resources within 0.5-mile of the project area.

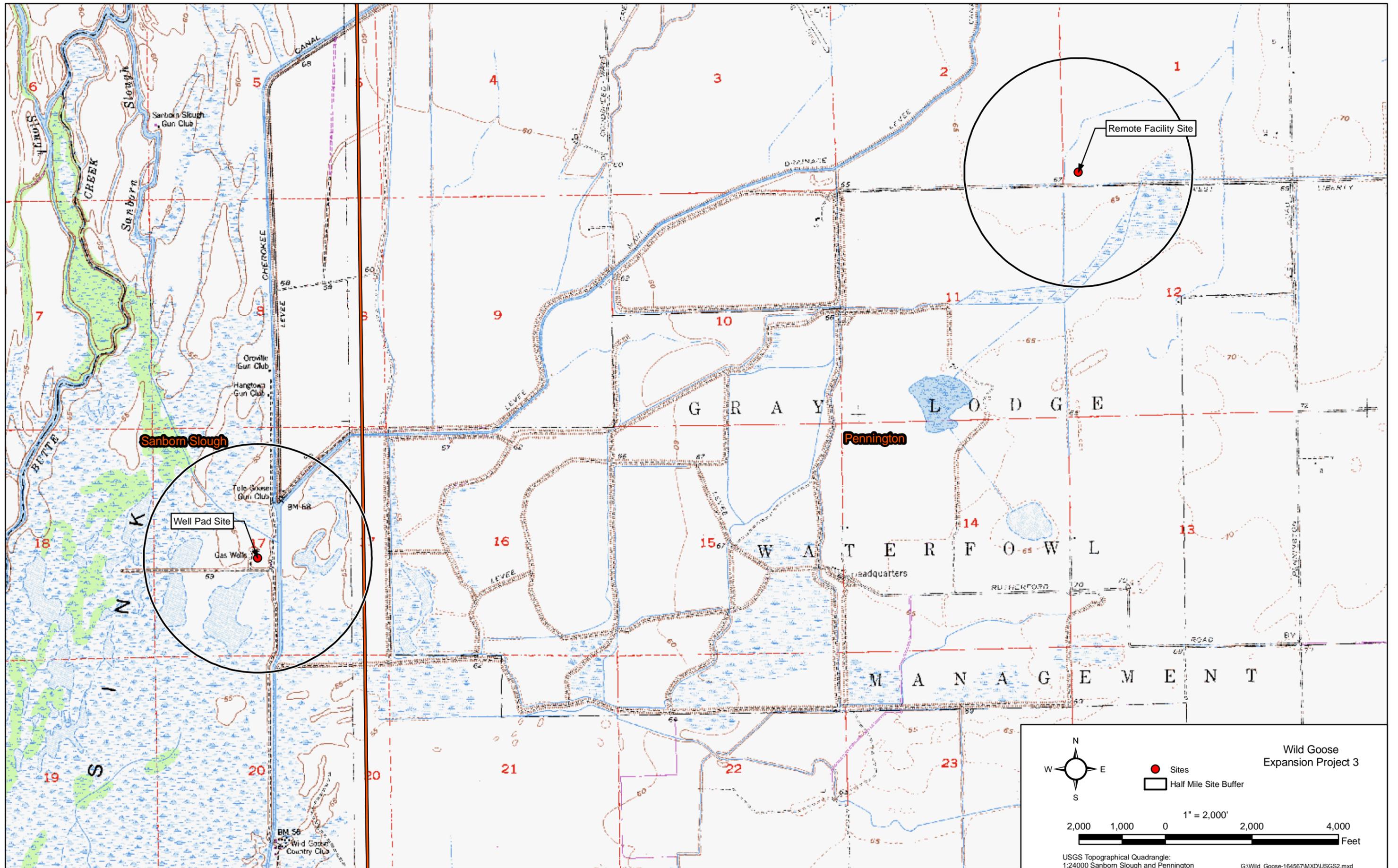
Attachments to this letter include maps of the project area and copies of my and Dionisios Glentis' resumes. Dionisios Glentis will be working along side me on the project.

Please invoice to TRC Solutions at the address listed below.

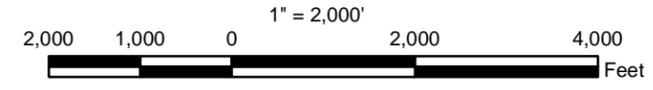
Yours sincerely,

A handwritten signature in black ink, appearing to read "T. Stropes", with a long horizontal line extending to the right.

Tracy A. Stropes
Director of Archaeology
TRC Solutions
Irvine, CA 92618
Phone: (949) 727-9336
Fax: (949) 727-7399



● Sites
 □ Half Mile Site Buffer



USGS Topographical Quadrangle: 1:24000 Sanborn Slough and Pennington
 G:\Wild_Goose-164567\MXD\USGS2.mxd

California Historical Resources Information System

ACCESS AGREEMENT

Number: _____

I, the undersigned, have been granted access to historical resources information on file at the Northeast Information Center of the California Historical Resources Information System.

I understand that any CHRIS Confidential Information I receive shall not be disclosed to individuals who do not qualify for access to such information, as specified in Section III(A-E) of the CHRIS Information Center Rules of Operation Manual, or in publicly distributed documents without written consent of the Information Center Coordinator.

I agree to submit historical Resource Records and Reports based in part on the CHRIS information released under this Access Agreement to the Information Center within sixty (60) calendar days of completion.

I agree to pay for CHRIS services provided under this Access Agreement within sixty (60) calendar days of receipt of billing.

I understand that failure to comply with this Access Agreement shall be grounds for denial of access to CHRIS Information.

Print Name: Tracy Strope, M.A., RPA Date: 20 November, 2008

Signature: [Signature]

Affiliation: Director of Archaeology

Address: 21 Technology Dr. City/State/Zip: Irvine CA 92618

Billing Address (if different from above): _____

Telephone: (949) 727-9336 Fax: (949) 727-7399 Email: tstrope@trcsolutions.com

Purpose of Access: Cultural Resources Management

Reference (project name or number, title of study, and street address if applicable): Wild Goose Expansion

} Project

County: Butte Township/Range/Section or UTM: ME 0602012 ME 0596221
mN 4356103 mN 4353385

USGS 7.5' Quad: Sanborn Slough and Pennington

California Historical Resources Information System

CONFIDENTIAL RECORDS SEARCH REQUEST FORM

Date: 20, November, 2008 Access Agreement Number: _____

TO: Northeast Information Center

Name: Tracy Stropes, M.A., RPA

Affiliation: Director of Archaeology

Address: 21 Technology Drive

City: Irvine State: CA Zip: 92618

Email: tstropes@trcsolutions.com

Phone: (949) 727-9336 Cell Phone: (949) 798-9384 Fax: (949) 727-7399

Project Name / Reference: Wild Goose Expansion 3 Project

Project Street Address: N/A

Project Description: Proposed expansion of Wild Goose Gas Storage Facility. Remote Facility Site Expansion & Meter Station Expansion.

County: Butte and Colusa

USGS 7.5' Quad: Sanborn Slough 7.5' ; Pennington 7.5'

Township/Range/Section or UTM: Remote Facility Site: ^{ME-0602012} MN-4356103 Well Pad Site: ^{ME-0596221} MN-4353385

PRIORITY RESPONSE (Additional Fee): Yes / No

EMERGENCY RESPONSE (Additional Fee): Yes / No

TOTAL FEE NOT TO EXCEED: \$ 350.⁰⁰

Special Instructions: Please update Records Search File No. D01-15. Disregard Line 400 Connection Pipeline. Update the Remote Facility Site and the Well Pad Site within 0.5 mile radius. Contact me w/any questions (949)-798-9384.

California Historical Resources Information System

CONFIDENTIAL RECORDS SEARCH REQUEST FORM (continued)

Include the following information (check as necessary) for the records search area shown on the attached map. Any selection left unmarked will be considered a "0" or a "no."

Map of Resource Locations:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Resource Database Printout:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Copy of Resource Records:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Map of Report Locations:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Report Database Printout:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Copy of Entire Report:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.0</u> mi radius	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Copy of Title Page Only:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no

		REVIEW		PROVIDE DOCUMENTATION	
OHP Historic Properties Directory*:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
OHP Archaeological Determinations of Eligibility:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
California Inventory of Historical Resources (1976):	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

*Includes, but not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys.

Listed below are sources of additional information that may be available at the Information Center. Indicate if a review and documentation of any of the following types of information is requested.

Caltrans Bridge Survey	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Ethnographic Information	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Historical Literature	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Historical Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Local Inventories	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Plat Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Shipwreck Inventory	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Soil Survey Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

Mr. Tracy A. Stropes, M.A., RPA

EDUCATION

M.A., Anthropology, San Diego State University, 2007

B.S., Anthropology, University of California Riverside, 2000

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Registered Professional Archaeologists, (#16283), 2008

County of Riverside Certified Archaeologist (#257), 2007

AREAS OF EXPERTISE

Mr. Tracy A. Stropes, M.A., RPA has program management and technical expertise in the following general areas:

- Cultural Resource Management
- Survey, Testing, Data Recovery, and Monitoring Programs
- Archaeological Laboratory Management
- Native American Consultation
- Lithic Analyses
- CEQA and Section 106

REPRESENTATIVE EXPERIENCE

Mr. Stropes has eighteen years experience in cultural resource management that includes over ten years in project management, laboratory management, lithic analysis, Native American consultation, report authorship, and editing for several technical reports for numerous projects throughout southern California. Mr. Stropes is a Registered Professional Archaeologist and on the list of archaeological consultants qualified to conduct archaeological investigations in Riverside County, California. He has served as project archaeologist for numerous projects, and composed several data recovery and preservation programs for sites throughout California for both CEQA and NEPA level compliance. He has acted as teaching assistant for archaeological field classes at several sites in Orange (Cypress College), Los Angeles (Cypress College), and San Diego Counties (San Diego State University). In addition, Mr. Stropes was employed to teach discussion sessions for introduction to cultural anthropology classes at SDSU. Internationally Mr. Stropes has acted as field surveyor for the Natural History Foundation of Orange County & Institucion Nacional de Antropologia y Historia surveying and relocating several sites throughout northern Baja California. Mr. Stropes currently serves as the Director of Archaeology for the Natural Sciences and Permitting in Irvine, California.

City of Carlsbad, Carlsbad Municipal Golf Course Data Recovery Program for CA-SDI-8694, and Indexing and Preservation Study for CA-SDI-8303 and CA-SDI-8797 Locus C, City of Carlsbad, California. (Project Manager: 2004 – 2005)

Project Archaeologist and primary author under Gallegos & Associates. This report provided the results of the Carlsbad Municipal Golf Course Data Recovery Program for prehistoric site CA-SDI-8694, and Indexing and Preservation Study for CA-SDI-8303 and CA-SDI-8797 Locus C conducted by Gallegos & Associates. The work was conducted to adequately address mitigation of impacts resulting from the development of the Carlsbad Municipal Golf Course. Mitigation was achieved through the completion of the data recovery program for CA-SDI-8694, and avoidance and capping for CA-SDI-8303 and CA-SDI-8797 Locus C. Prior to avoidance and capping, both CA-SDI-8303 and CA-SDI-8797 Locus C were sampled using six 1x1-m excavation units per site to provide an index sample representing the archaeological deposit being capped and preserved. Sites CA-SDI-8303, CA-SDI-8694, and CA-SDI-8797 Locus C are located within the City of Carlsbad. The data recovery program for CA-SDI-8694 provided for a 2 to 5 percent phased excavation of the primary site area (3,000 sq. m). This program included excavation of 1x1-m sample units, block excavations, feature excavation, analysis of artifacts and ecofacts, radiocarbon dating, and will provide monitoring during construction grading. The research orientation for this study focused on chronology, lithic technology, settlement and subsistence strategy, environmental setting, and trade and travel. The index sample included the excavation of six 1x1-m units at both CA-SDI-8303 and CA-SDI-8797 Locus C. All artifacts and ecofacts recovered were washed, analyzed, and special studies for lithic, shell, bone, radiocarbon dating, obsidian sourcing, ceramic and residue analyses were completed. The portion of sites CA-SDI-8303 and CA-SDI-8797 Locus C within the Open Space Easements, were capped using one inch of clean sand, and a minimum of six inches of clean fill soil. Shallow-rooted plants will be used in the Open Space Easements.

Harbrecht Development, L.P./ County of San Diego, Near the Harris Site Quarry Cultural Resource Data Recovery and Preservation Program for CA-SDI-13028 San Diego County, California. (Project Manager: 2004 – 2005)

Project Manager and primary author. This report provides the results of the Data Recovery and Preservation Program for precontact site CA-SDI-13028. The Data Recovery and Preservation Program for site CA-SDI-13028 was conducted to mitigate impacts through data recovery for the east half of the site and to index sample the west half for site preservation through placement within an open space easement, capping using clean fill, revegetation as needed, and fencing. All work was conducted in compliance with the County of San Diego guidelines and the California Environmental Quality Act (CEQA). The data recovery program for the east portion of CA-SDI-13028 included a phased stratified random sample. The Phase IA sample employed the selection and excavation of

20 1x1-m units from across the 13,000 sq m eastern portion of CA-SDI-13028. This work produced 79 debitage, 1 mano, and 0.1 g of shell. As Phase IA identified the eastern portion as shallow and disturbed by grading and planting avocado trees, Phase II (excavation of an additional 20 1x1-m units in the eastern portion) was not conducted providing tremendous savings to the client. The Phase IB index sample for the western portion, which is planned for avoidance and preservation within an open space easement, included the collection of surface artifacts and the excavation of eight 1x1-m units. This work produced 44 bifaces, 1 core, 4 steep edged unifacial tools, and 8053 debitage. The Phase IB sample identified stone tool production activities that occurred at the western portion of CA-SDI-13028. These activities included the selection of angular to subangular cobble to small boulder size metavolcanic nodules for production of large biface preforms. These biface preforms were then removed from the quarry (CA-SDI-13028) and further reduced at a secondary reduction locality or habitation site, such as CA-SDI-5101 (located on the McCrink Ranch) or CA-SDI-149 (Harris site). The lithic assemblage recovered from CA-SDI-13028 produced a highly-specialized lithic assemblage that suggests the site occupants visited the location for two very specific reasons, lithic resource procurement and biface manufacture. Based on the large number of bifaces recovered, the site occupants of CA-SDI-13028 visited this specific location to procure, and process material for export as biface preforms to another location. Similarities in knapping behavior demonstrated by the lithic reduction continuum started at CA-SDI-13028 and likely continued at sites like the Harris site, suggest that the people(s) that exploited the quarry stone resource at CA-SDI-13028 may be the same people that occupied sites such as the Harris site (CA-SDI-149). The artifact assemblage reflects the use of primarily local metavolcanic materials and provides no evidence of trade. The basal levels of the Harris site have been radiocarbon dated to 8,000 to 9,000 years ago (Warren 1966 and 1968). Given the presence of large bifaces, and radiocarbon dating of the assemblage at the Harris site (and sites with large bifaces), the quarry could have been used during the early to middle Holocene. The data recovery for the eastern portion of CA-SDI-13028 completes the mitigation measure for this portion of CA-SDI-13028. As demonstrated by the results of Phases IA and IB, the primary site area is located on the western two thirds of the area identified as significant. Index sampling of this area provided a representative sample of the quarry and the activities conducted.

**California Energy Commission and Otay Mesa Generating Company, LLC,
Cultural Resource Inventory, Testing, Data Recovery and Mitigation
Monitoring Program for the Otay Mesa Generating Plant. (Project
Archaeologist: 2003-2004)**

Project Archaeologist and report author. This project produced a number of reports which included the initial literature review and field survey, testing of archaeological sites within the proposed plant site and utility corridors, mitigation of impacts to prehistoric sites CA-SDI-7215 and CA-SDI-9975 through the

completion of data recovery programs, and monitoring during construction. The literature review and field survey identified 20 cultural resources within or immediately adjacent to the proposed plant site and utility corridors. For those sites not previously tested, an evaluation using surface collection of artifacts, and excavation of shovel test pits and 1x1-m units was conducted. As a result of testing, two sites (CA-SDI-10297 and CA-SDI-9975) were identified as significant and eligible to the National Register of Historic Places. Site (CA-SDI-10297) was flagged and monitored to ensure avoidance during construction. For CA-SDI-9975, mitigation of impacts was achieved through the completion of a data recovery program. The cultural resources mitigation and monitoring plan, included assisting in preparing the training manual and video, as well as, training of construction personnel and monitoring during ground disturbing activities. As a result of monitoring, one cultural resource site (CA-SDI-7215, Locus B) was discovered and identified as significant. Mitigation of impacts was achieved through the completion of a data recovery program. Construction monitoring for the Otay Mesa Generating Plant began in August 2001 and ended in March 2002. Locus B was radiocarbon dated to 4,555 years ago and produced steep-edge unifacial tools (SEUTs), battered implements, flaked tools, manos, metates, debitage, and shell. Through the completion of these studies a better understanding of land use patterning, environmental setting, and change through time and chronology for the Otay Mesa region were achieved.

Joseph Wong Design Associates, Data Recovery Program for PacBell Site CA-SDI-5633 San Marcos, California. (Project Manager: 2001-2002)

Project Manager and primary author for Pacbell Project. This project included a data recovery program and a report of finding for the purpose of mitigating the impacts/effects of the proposed expansion of the existing PacBell facility. Based on previous work completed for the Oceanside–Escondido Rail Project (Gallegos & Pignoli 1990, Guerrero et al. 2001), site CA-SDI-5633 was recommended as significant and eligible for listing in the California Register of Historical Resources and the National Register of Historic Places (Guerrero et al. 2001). The State Historic Preservation Officer concurred with these recommendations. Native American monitoring was provided by Mark Mojado and Linda Foussat, of the San Luis Rey Band of Mission Indians. The data recovery program included four phases of excavation, followed by data analysis, special studies, and a report of finding. Prior to subsurface excavation, phosphate samples were taken across the site to identify areas of high phosphate, therein identifying areas with higher concentrations of artifacts and ecofacts representing Native American occupation. The Phase I random sample included the excavation of 27 1x1-m units. Using the phosphate and Phase I sample results, areas were defined for the excavation of 25 1x1-m units to complete block exposures. This work was followed by the excavation of 15 rapid recovery units to provide additional diagnostic artifacts to address the research questions posed. The excavation of a total of 67 1x1-m units produced 93 projectile points, 2 battered implements, 2 cores, 2 flake tools, 13,360 debitage, 15 manos, 5 metates, 14 ground stone

fragments, 2 pieces of shaped stone, 1 steatite pendant, 59 ceramic pieces, 1 piece of baked clay, 1 *Olivella* sp. shell bead, 5 bone tools, 265.57 g of bone, 125.62 g of shell, and 201 historic items (172 glass, 10 metal, 1 square nail, and 18 ceramic fragments). A total of 14 bedrock milling features with 35 elements (22 slicks, 9 saucers, and 4 cupules) were documented through photographs, drawings, and measurements. Special studies included lithic analysis, radiocarbon dating, ceramic analysis (petrographic thin-section), faunal analysis, obsidian sourcing, and residue (immunological) analysis. The question of trade and travel was addressed through the sourcing of obsidian to both the Coso Volcanic Field, approximately 300 miles to the north/northeast of site CA-SDI-5633; and to Obsidian Butte in the Imperial Valley, approximately 100 miles east/northeast of CA-SDI-5633. The majority of stone used for tools was manufactured from local materials. The question of chronology was addressed through the radiocarbon dating of five shell samples. This analysis placed the occupation of site CA-SDI-5633 circa A.D. 1170 to A.D. 1690.

North San Diego County Transit District (NCTD), Cultural Resource Test Report for the Oceanside-Escondido Rail Project, Oceanside. (Project Archaeologist: 2000-2001)

Project author and primary analyst. This test report for the Oceanside-Escondido Rail Project was prepared to satisfy the Federal Transportation Authority's (FTA) Section 106 responsibilities. The report follows the Programmatic Agreement signed by the North San Diego County Transit Development Board, FTA, California State Historic Preservation Officer, and the Advisory Council on Historic Preservation. The project was the construction and establishment of a new passenger rail system from Oceanside to Escondido using 22 miles of existing right-of-way and 1.7 miles of new right of way. In addressing the programmatic agreement and previous SHPO comments, eight cultural resource sites (CA-SDI-5633, CA-SDI-8386, CA-SDI-12095, CA-SDI-12096, CA-SDI-12097, CA-SDI-13212, CA-SDI-14325, and CA-SDI-14340) were tested to determine eligibility for listing in the National Register of Historic Places. Testing included a review of previous work, resurvey of the site area, collection of surface artifacts, excavation of shovel test pits to determine site size and depth, excavation of 1x1-m units to determine content, integrity, and potential to address important research questions. Mitigation of impacts/effects for both CA-SDI-5633 and CA-SDI-12096 was achieved through avoidance. The remaining sites or portions of sites tested (CA-SDI-8386, CA-SDI-12095, southern portion of CA-SDI-12096, CA-SDI-12097, CA-SDI-13212, CA-SDI-14325, and CA-SDI-14340) were recommended as not significant and not eligible for listing in the California Register of Historical Resources nor the National Register of Historic Places.

SPECIALIZED TRAINING

- Riverside County Cultural Sensitivity Training, 2007
- Ten-Hour OSHA Health and Safety Training, January 2008

PROFESSIONAL AFFILIATIONS

- Register of Professional Archaeologists
- Society for California Archaeology
- Archaeological Conservancy
- Society for American Archaeology

SELECTED PUBLICATIONS AND PRESENTATIONS

- 2008 Cultural Resource Monitoring at 31431 Camino Capistrano, San Juan Capistrano California. Prepared for Herman Weissker, Inc
- 2008 Cultural Resource Inventory for the Snow White Pumice Mine, Hinkley California. Prepared for U.S. Mining and Minerals Corporation.
- 2007 Nodule Industries of North Coastal San Diego: Change and Stasis in 10,000 Years of Lithic Technology. Masters Thesis on file, San Diego State University.
- 2007 Cultural Resource Inventory for Empire Homes (APN 104-180-04), Lake Forest, California. Prepared for Empire Homes.
- 2007 Phase I Archaeological Assessment for APN 104-200-09, Beumont, California. Prepared for Mary Chan.
- 2006 Carlsbad Municipal Golf Course Data Recovery Program for CA-SDI-8694, and Indexing and Preservation Program Study for CA-SDI-8303 and CA-SDI-8797 Locus C, City of Carlsbad, CA. Prepared for City of Carlsbad.
- 2005 Grand Pacific Resorts Data Recovery and Index Sample Program for CA-SDI-8797, Area A, City of Carlsbad, CA. Prepared for Grand Pacific Resorts Inc.
- 2005 Cultural Resource Survey and Testing for the Star Ranch Property, San Diego, California.
- 2004 "Near the Harris Site Quarry" Cultural Resource Data Recovery and Preservation Program for CA-SDI-13028, San Diego County, California. Prepared for Harbrecht Development, L.P.

- 2004 Cultural Resource Test Report for the Palomar Point Project: Site CA-SDI-16205, Carlsbad, California. Prepared for Lanikai Management Corp.
- 2004 Cultural Resource Survey and Test Report for the Canyon View Project, Carlsbad, California. Prepared for Shapouri & Associates.
- 2004 Cultural Resource Test Report for the Yamamoto Property: Site SDM-W-2046, Carlsbad, California. Prepared for Cunningham Consultants, Inc.
- 2004 Cultural Resource Survey and Boundary Test Report for the Lilac Ranch Project, San Diego County, California. Prepared for Empire Companies.
- 2004 Historical Resources Report for the Kuta and Mascari Properties, Otay Mesa, California. Prepared for Centex Homes.
- 2004 Cultural Resource Monitor and Test Report for the Encina Power Plant Project, Carlsbad, California. Prepared for Haley & Aldrich, Inc.
- 2004 Cultural Resource Test Report for Site CA-SDI-16788, Otay Mesa, California. Prepared for Otay Mesa Property, L.P.
- 2004 Cultural Resource Survey and Test Report for the Lonestar Project, Otay Mesa, San Diego County, California. Prepared for Otay Mesa Property, L.P.
- 2003 Cultural Resource Mitigation Program for the Torrey Ranch Site CA-SDI-5325, San Diego, California. Prepared for Garden Communities.
- 2003 Cultural Resource Data Recovery and Preservation Program for CA-SDI-12027, San Diego County, California. Prepared for Harbrecht Development Inc.
- 2003 Cultural Resource Survey and Test Report for the Johnson Canyon Parcel, Otay Mesa, San Diego County, California. Prepared for Otay Mesa Property, L.P.
- 2002 Cultural Resource Data Recovery Plan for the Shaw Project: Sites CA-SDI-13025 and CA-SDI-13067, San Diego County, California. Prepared for Shapouri & Associates.

- 2002 Data Recovery Program for the Pacbell Site CA-SDI-5633, San Marcos, California. Prepared for Joseph Wong Design Associates.
- 2001 Archaeological Test Program for CA-SDI-14112 Mesa Norte Project, San Diego, California. Prepared for Hunsaker & Associates.
- 2001 The Vista-Oceanside Cultural Resource Survey and Test Program, Vista, California. Prepared for Shapouri & Associates.
- 2001 Cultural Resource Test Program for the Wilson Property, Carlsbad, California. Prepared for the City of Carlsbad.
- 2001 McCrink Ranch Cultural Resource Test Program Additional Information for Selected Sites, San Diego County, California. Prepared for Shapouri & Associates.
- 2001 The Quail Ridge Project Cultural Resource Test Program, San Diego County, California. Prepared for Helix Environmental Planning, Inc.
- 2001 Cultural Resource Test Plan for the Oceanside-Escondido Project, County of San Diego, California. Prepared for Dudek & Associates.
- 2001 Cultural Resource Test Program for the Kramer Junction Expansion Project Adelanto, California. Prepared for AMEC.
- 2001 Cultural Resource Test Program for CA-SDI-12508 San Diego, California (LDR. No. 99-1331). Prepared for Garden Communities.
- 2000 Archaeological Testing of Prehistoric Sites CASDI-14115 and CA-SDI-14116 for The Mesa Grande Project, San Diego, California. Prepared for Solana Mesa Partners, LLC.
- 2000 Cultural Resource Survey and Test Report for the Wetmore Property, Otay Mesa, San Diego County, California. Prepared for Mr. Andy Campbell.
- 2000 The Torrey Ranch Cultural Resource Test Program, San Diego County, California. Prepared for Garden Communities.
- 2000 Cultural Resource Test Results for the Otay Mesa Generating Project. Prepared for the California Energy Commission and Otay Mesa Generating Company, LCC.

- 2000 The Eternal Hills Cultural Resource Survey and Test Program, City of Oceanside, California. Prepared for Eternal Hills Memorial Park.
- 2000 The Quail Ridge Cultural Resource Test Program, San Diego County, California. Prepared for Helix Environmental Planning Inc.
- 2000 Cultural Resource Testing Program for CA-SDI-5652/H and CA-SDI-9474H SR 78/Rancho Del Oro Interchange Project, Oceanside, California. Prepared for Tetrattech Inc.
- 2000 Cultural Resource Test Results for a Portion of CA-SDI-8654 (Kuebler Ranch) Otay Mesa, San Diego County, California. Prepared for Shapouri & Associates.
- 2000 Cultural Resource Survey and Evaluation for the North Sand Sheet Full Buildout Program, Owens Lake, California. Prepared for CH2MHill.
- 2000 Historical/Archaeological Monitoring and Data Recovery Program for Prehistoric Site CA-SDI-48, Locus C Naval Base Point Loma, San Diego, California. Prepared for Department of the Navy, Southwest Division.
- 2000 Cultural Resource Evaluation Report for the Palomar College Science Building Project San Marcos, California. Prepared for Parsons Engineering Science Inc.
- 1999 Cultural Resource Monitoring Report for the Village of Ystagua Water Main Break City of San Diego, California. Prepared for the City of San Diego Water Department.
- 1999 The Effect of Projectile Point Size on Atlatl Dart Efficiency in Lithic Technology Vol 24, No 1 p (27-37).
- 1999 Cultural Resource Evaluation Report for the Oceanside-Escondido Bikeway Project, San Marcos, California. Prepared for City of San Marcos.
- 1999 5000 Years of Occupation: Cultural Resource Inventory and Assessment Program for the Carlsbad Municipal Golf Course Project City of Carlsbad, California. Prepared or Cotton/Beland/Associates, Inc.

- 1999 Silver Oaks Estates Cultural Resource Enhanced Survey and Test Report for a Portion of CA-SDI-7202 San Diego, California. Prepared for Helix Environmental Planning Inc.
- 1999 Historical Archaeological Test of a portion of CA-SDI-8303 for the Faraday Road Extension Carlsbad, California. Prepared for the City of Carlsbad.
- 1999 Cultural Resource Literature Review for the North Coast Transportation Study Arterial Streets Alternative San Diego County, California. Prepared for MLF/San Diego Association of Govt.
- 1998 Archaeological Test Report for a Portion of CA-SDI-9115/SDM-W-122 Carlsbad, California. Prepared for Industrial Developments International.
- 1998 Rainforest Ranch Cultural Resource Survey and Significance Test for Prehistoric Sites CA-SDI-14932, CA-SDI-14937, CA-SDI-14938, and CA-SDI-14946 County of San Diego, California. Prepared for Boys and Girls Club of Inland North County.
- 1998 Cultural Resource Evaluation Report for the Oceanside-Escondido Bikeway Project San Marcos, California.
- 1998 Final Report: Cultural Resource Survey Report for the Sterling Property, Carlsbad, California. Prepared for SPT Holdings LCC.
- 1996 Final Report: Archaeological Survey and Test for the Huber Property Carlsbad, California. Prepared for Gene Huber.
- 1996 Final Report: Results of Phase II Test Excavations and Phase III Data Recovery Excavations at Nine Archaeological Sites Within the Newport Coast Planned Community Phase III Entitlement Area, San Joaquin Hills, Orange County, California. Prepared for Coastal Community Builders, a division of The Irvine Company.
- 1995 Preliminary Report: Phase II Test Results From Nine Prehistoric Archaeological Sites Within The Proposed Upper Newport Bay Regional County Park. Prepared for EDAW, Inc.
- 1995 Final Report: A Phase II Test Excavation at CA-ORA-136, Block 800 City of Newport Beach, Orange County California. Prepared for the Irvine Apartment Communities, a division of The Irvine Company.

- 1995 Final Report: Archaeological Investigations Conducted for the Abalone Cove Dewatering Wells, City of Rancho Palos Verdes Los Angeles County, California. Prepared for the City of Rancho Palos Verdes, Environmental Services.
- 1995 Final Report: A Class III Intensive Survey of a 100-Acre Sand and Gravel Mining Area, Imperial County, California. Prepared for the Lilburn Corporation.
- 1994 Final Report: Data Recovery Excavations at Five Late Prehistoric Archaeological Sites Along the Los Trancos Access Road, Newport Coast Planned Community, Orange County, California. Prepared for the Coastal Community Builders, a division of The Irvine Company.

SELECTED PRESENTATIONS

- 2003 Steep Edge Unifacial Tools of Otay Mesa: An Analysis of Edge Types from CA SDI-7215 SCA Southern California Data Sharing Meetings
- 2001 Identification of Late Period Behavior Patterns in Elfin Forest: Three Sites in Northern San Diego County. 2001 Society for California Archaeology Data Sharing Meetings, San Luis Obispo, California.
- 1996 Trans-Tehachapian Lithic Trade at the Canebreak/Sawtooth Transition. Thirteenth Annual Meeting, Society of California Archaeology, Bakersfield, California.
- 1994 Point Size and Atlatl Dart Efficiency. Twenty Fourth Annual Meeting, Great Basin Anthropological Conference, Elko, Nevada.

DIONISIOS GLENTIS

EDUCATION

B.A., Anthropology; Minor, Business Administration, California State University, San Bernardino (CSUSB), 2005

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Bureau of Land Management: California (Field Director)

Certificate, Ethnomusicology, University of California, Irvine (UCI), 2004

AREAS OF EXPERTISE

Mr. Dionisios Glentis has proficiency in the following areas:

- Cultural resource surveys
- Testing & evaluation procedures
- Cultural resource mapping & drawing
- Data recovery excavations
- Cultural resource inventories
- Global Positioning Systems
- Archaeological & paleontological monitoring of construction sites
- NEPA/CEQA Reports
- Native American Consultations
- Archaeological Records Searches

REPRESENTATIVE EXPERIENCE

Mr. Glentis serves as a staff archaeologist in the capacity of field director with TRC Solutions in Irvine, CA. He has experience conducting reconnaissance-level satellite and blimp based, as well as quantitative pedestrian cultural resource surveys. In addition, Mr. Glentis is versed in mapping and analyzing areas of occupation, collecting and cataloging artifacts, executing specialized archaeological techniques, monitoring construction activities, and authoring cultural resource sections for NEPA and CEQA documents. He follows current survey and data recovery protocols to execute field studies, conduct excavations, produce cultural resource inventories, and undertake Native American consultations. Clients for whom Mr. Glentis has provided environmental services include Southern California Gas Company, Kinder Morgan, Inergy Propane, AES, Transwestern Pipeline Company, Burlington Northern Santa Fe, Pacific Gas & Electric Company, the City of Ventura, the City of Murrieta, J Power, and the California Department of Transportation (Caltrans).

Hellenic Ministry of Culture, 21st Ephorate of Prehistoric and Classical Antiquities; Despotiko Excavations at Mandra--Cycladic Islands, Greece (Trench Supervisor: 2008)

Mr. Glentis participated in primary research with the goals of partially reconstructing an Archaic period Doric temple & sanctuary. Activities included excavation of Hellenistic, Roman, Early Christian, and Byzantine era structures

and areas of occupation to recover components of a Doric temple dismantled in antiquity, the parts of which were used for the construction of later-period homesteads. Mr. Glentis was appointed trench supervisor and, with the guidance of architects specializing in Classics, directed an international crew of five archaeologists to recover and return architectural components of the Doric temple to their original locations.

Transwestern Pipeline Company, LLC; Phoenix Expansion Project--McKinley County & Navajo Reservation Territory, NM; Yavapai, Coconino, Maricopa, and Pinal Counties, AZ (Senior Crew Chief: 2007, 2008)

During Phase I and Class III supplemental data collection pedestrian surveys of approximately 285 miles of proposed pipeline Right-of-Way (ROW), Mr. Glentis directed a crew of 22 archaeologists, biologists, and geographers to conduct digital total station site mapping, collect surface artifacts, and establish site test pit and backhoe trenching locales. During Phase II and Class III limited testing and excavations, Mr. Glentis served as senior crew chief on a crew of 24 archaeologists, biologists, and geographers and evaluated the significance of cultural resources within the project's area of potential effect (APE).

ARB/Inergy Propane, LLC; North Coles Levee Oil Field to Rogas Rail Terminal & Rogas Rail Terminal to Big West Refinery Pipeline Projects (CA-KER-7201, CA-KER-7203, CA-KER-7202, CA-KER-7204)--Bakersfield, CA (Project Associate Role: 2007, 2008)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA). He also authored a Record Search Summary for Inergy Propane, LLC and performed subsequent Phase I pedestrian surveys of the proposed pipeline alignments. Furthermore, Mr. Glentis drafted Archaeological Survey Reports (ASR) and Cultural Resource Assessments (CRA) per CEQA guidelines, completed Archaeological Site Records (DPR 523) for the Inergy surveys, and submitted them to the appropriate California Historic Resources Information Center (CHRIS) for approval and trinomials. In addition, Mr. Glentis directed field operations for the Phase II Testing & Evaluation portion of the project, documented the extent of archaeological resources within and beyond the area of potential effect (APE), authored the Phase II Testing & Evaluation Report analyzing the potential significance of and perceived impacts to cultural resources affected by the project, and provided compliance monitoring recommendations regarding construction activities.

Kinder Morgan Energy Partners; Mountain Pass Washout Repairs Project -- Mountain Pass, CA (Staff Archaeologist: 2008)

In preparation for Class III cultural resource pedestrian surveys, Mr. Glentis conducted the archaeological records search for the project at the San Bernardino Archaeological Information Center, San Bernardino County Museum.

AES; Armenia Mountain Wind Energy Project--Mansfield, PA (Crew Chief: 2007)

During a Phase I cultural resource investigation of approximately 10,000 acres of forest land, Mr. Glentis directed a crew of three archaeologists, one geographer, and one biologist to undertake limited testing excavations of approximately 3,600 Site Test Pits (STPs) to evaluate potential impacts to cultural resources.

Burlington Northern Santa Fe (BNSF); Five Bridge Renewal Project--Needles to Barstow, CA (Associate: 2007)

In preparation for Phase I and Class III cultural resource pedestrian surveys, Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA). Additionally, Mr. Glentis applied for and was granted Temporary Field Use Authorization from the Bureau of Land Management (BLM).

Southern California Gas Company (SCG); Twentynine Palms Pressure Betterment Project--Twentynine Palms, CA (Field Surveyor/Cultural Resource Monitor: 2007)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA). During a Phase I cultural resource investigation of an approximately 50-mile section of pipeline Right-of-Way (ROW), Mr. Glentis surveyed the project area of potential effect (APE) and co-authored a Cultural Resource Assessment (CRA) of the project area. Additionally, Mr. Glentis served as cultural resource monitor during the Phase IV construction site excavation and authored the Cultural Resource Compliance Assistance Report to satisfy California Environmental Quality Act (CEQA) requirements.

Pacific Gas & Electric Co. (PG&E); Hunter's Point Power Plant Pipeline Removal Project--San Francisco, CA (Cultural Resource Monitor: 2007)

During a Phase IV construction site excavation revealing an approximately 550-foot pipeline, Mr. Glentis monitored all earthmoving activities for cultural resources.

2007 Scottie Creek Culture History Project (KdVo-6); The University of Alaska at Anchorage & Yukon College--Yukon Territory, Canada (Student: 2007)

Mr. Glentis participated in primary research with the goals of addressing occupational patterns and technological complexes of the earliest societies of the New World. He undertook data recovery excavations at The Little John Site (KdVo-6) in the Yukon Territory, Canada. Activities included site mapping using the digital total station, unit plan-view and profile drawing, artifact illustration and cataloging, and testing and evaluation of previously unknown areas of occupation. Furthermore, Mr. Glentis conducted empirical ethnographic research

of the Upper Tanana Athapaskans through community immersion and participation in traditional social events.

The City of Ventura; Mission San Buenaventura Data Recovery Project (CA-VEN-1222H)--Ventura, CA (Data Recovery Technician: 2007)

During Phase III data recovery excavations in the garden ruins of Mission San Buenaventura, Mr. Glentis excavated Study Units (SU) and exposed, recorded, and mapped extramural features and intramural structures.

J Power USA Development Co., LTD (J Power); Orange Grove Project--Pala, CA (Associate/Field Surveyor: 2007)

Mr. Glentis surveyed a portion of the project area and authored the Native American consultation & natural history sections of the Environmental Impact Report (EIR) per the California Environmental Quality Act (CEQA) guidelines for J Power USA Development Co., LTD (J Power).

The City of Murrieta; Office Campus, Initial Study--Murrieta, CA (Associate/Field Surveyor: 2007)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA). Furthermore, Mr. Glentis conducted a pedestrian survey of 17 acres of land and drafted an Archaeological Survey Report (ASR) as an appendix to an Initial Study (IS) for the City of Murrieta.

Kinder Morgan Liquid Terminals, LLC (KMLT); Gaffey Street Project--San Pedro, CA (Associate: 2007)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA).

Power Engineers; Riverside Transmission Reliability Project--Riverside, CA (Associate: 2007)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA).

WesPac Pipeline Group, LLC; LAX Pipeline Design Project--Los Angeles, CA (Associate: 2007)

Mr. Glentis initiated consultations with the Native American Heritage Commission (NAHC) and associated tribes and inquired about cultural sensitivity pursuant to Section 101 of the National Historic Preservation Act (NHPA).

UHC Indio L.P.; Horizons at Indio Project--Indio, CA (Cultural & Paleontological Resources Monitor: 2007)

During a Phase IV construction site excavation of nine acres of undeveloped land, Mr. Glentis monitored all earthmoving activities for cultural and

paleontological resources. He produced scaled drawings of stratigraphic profiles, depicting the lakebeds of ancient Lake Cahuilla, and authored a Monitoring Compliance Memo for UHC Indio L.P.

Desert Ranch Survey, Blixseth Farms--Thermal, CA (Crew Chief: 2007)

During a Phase I pedestrian survey of nine privately-owned sections of both agricultural and undeveloped land, Mr. Glentis recorded and mapped areas of occupation and created scaled drawings of cultural resources. In addition, he used a hand-held GPS to plot the locations of cultural resources on topographic maps.

Lowe's, LLC; Cultural & Paleontological Resources Monitoring--Beaumont, CA (Cultural & Paleontological Resources Monitor: 2007)

During a Phase IV construction site excavation on 29 acres of land, Mr. Glentis monitored all earthmoving activities for cultural and paleontological resources and exposed, recorded, and mapped cultural resources.

Pasatiempo Archaeological Monitoring--La Quinta, CA (Cultural Resource Monitor: 2007)

During a Phase IV construction site excavation on 21 acres of land, Mr. Glentis monitored all earthmoving activities for cultural resources and authored and submitted a Monitoring Compliance Memo to the associated Cultural Resource Management (CRM) consulting company.

Rancho Mission Viejo Survey and Excavation (CA-ORA-882)--San Juan Capistrano, CA (Field Surveyor/Data Recovery Technician: 2007)

Mr. Glentis conducted a pedestrian survey to anticipate the possible distribution of cultural resources below surface. He undertook testing, evaluation, and data recovery excavations in order to document and analyze the impact of recent and future construction activities on the prehistoric record.

Llano Utopian Colony Excavations (CA-LAN-2677/H)--Pearblossom, CA (Data Recovery Technician: 2006)

Mr. Glentis undertook Phase III data recovery excavations in the Antelope Valley. He exposed and mapped an adobe brick compound. Excavations were conducted in conjunction with Caltrans.

2006 Rapa Nui Archaeological Field School, The University of Hawaii & California State University, Long Beach--Rapa Nui, Chile (Easter Island) (Student: 2006)

Mr. Glentis participated in primary research with goals of building a synthetic and theoretically informed prehistory for Easter Island. His responsibilities included GPS, field survey, satellite based reconnaissance, total station mapping, feature recording and drawing, geophysics (including GPR and conductivity), blimp based aerial photography, excavation, dry & wet sieving, GIS data entry, and effecting a specialized Moai survey. He performed quantitative pedestrian surveys and collected artifacts for repository on behalf of the P. Sebastian

Englert Museum, Hanga Roa, Rapa Nui. Mr. Glentis was granted sole responsibility for Anakena Beach unit profile drawings and in-field soil descriptions.

Two Bunch Palms Data Recovery Excavations (CA-RIV-1246)--Desert Hot Springs, CA (Data Recovery Technician: 2006)

Mr. Glentis conducted Phase III excavations in the Coachella Valley. He participated in several aspects of data recovery, including unit and feature drawing and recording, artifact collection and cataloging, and site mapping.

Mountain View IV Windfarm Project--Palm Springs, CA (Field Surveyor: 2006)

During a Phase I pedestrian survey of 990 acres of desert land and 2,300 linear feet of power line right-of-way, Mr. Glentis recorded, mapped, and photographed cultural resources encountered. He used a hand-held GPS to plot the locations of cultural resources on topographic maps.

East of Coachella & Stonefield Geo Trenching, Archaeological Monitoring--Indio, CA (Cultural Resource Monitor: 2006)

During a Phase IV excavation on 25 sections of desert in Indio, CA, Mr. Glentis monitored for cultural resources geological trenching activities intended to reveal fault-lines for structural integrity analysis.

Aerial Tramway Survey--Palm Springs, CA (Field Surveyor: 2006)

Mr. Glentis conducted a pedestrian-based reconnaissance survey on the east side of a major alluvial fan at the northern base of the San Jacinto Mountains, over which the Palm Springs Aerial Tramway operates. Using a high-powered Trimble GPS unit, he acquired UTM coordinates for all the cultural resources encountered.

2003 California State University, San Bernardino Archaeological Field School (CA-SBR-935/H)--Big Bear, CA (Student: 2003)

Mr. Glentis conducted field surveys and excavations in the San Bernardino National Forest. He consulted with local historian Tom Core to assess the impact of mining and panning activities on the prehistoric record. Mr. Glentis' responsibilities included mapping, site recording, feature drawing, and sieving. He also received intensive training in lithic artifact identification.

ADDITIONAL EXPERIENCE

Museum Exhibition, The Anthropology Museum, Department of Anthropology, California State University, San Bernardino--San Bernardino, CA (Museum Exhibit Designer: 2005)

Mr. Glentis designed and mounted a Greek roadside shrine reconstruction for an exhibit titled "Celebrations of Death." He performed topical and ethnographic

research and published museum text. In addition, Mr. Glentis assisted in building and mounting other features of the exhibit.

Laboratory for Ancient Materials Analysis, Department of Anthropology, California State University, San Bernardino--San Bernardino, CA (Student: 2004)

Mr. Glentis participated in a laboratory experiment designed to recreate the glues used by the ancient Aztecs for pigments and feather applications. He applied ethnohistoric, experimental archaeological, and chemical methods and techniques to experiment with orchid root samples and document systematic procedures.

Northeast Information Center

California Historical Resources Information System

CALIFORNIA STATE UNIVERSITY, CHICO
Building 25, Suite 204
CHICO, CA 95929-0377
(530) 898-6256
FAX: (530) 898-4413

Send to: Mr. TRACY Stroper / Deal	From: MIM. ROEDER
Dept/Title: TRC Solutions	Dept/Title: NEIC
Voice Telephone: 949-648-8987	Date: 12 / 19 / 08
Fax number: 949 727 7399	Time: 5:20 pm

Total pages, including cover: 5 pp.

Comments:

Results letterz for Wild Goose Expansion Project

Northeast Center of the
California Historical Resources
Information System

BUTTE
GLENN
LASSEN
MODOC
PLUMAS
SHASTA

SIERRA
SISKIYOU
SUTTER
TEHAMA
TRINITY

California State University, Chico
Building 25, Suite 204
Chico, California 95929-0377
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ncinfoctr@csuchico.edu

December 15, 2008

TRC Solutions
21 Technology Drive
Irvine CA 92618
ATTN: Mr Tracy Stropes

**I.C. File # D08-101
Records Search**

RE: Wild Goose Expansion 3 Project
T17N, R1E, Section 1
USGS Pennington 7.5' and Butte City 15' quads
Less than 1 acre (Butte County)

Dear Mr Stropes,

In response to your request, a records search for the project cited above was conducted by examining the official maps and records for archaeological sites and surveys in Butte County

RESULTS:

Prehistoric Resources: According to our records, no sites of this type have been recorded in the project area or within the 1/2-mile project vicinity. The project is located in a boundary region utilized by Patwin, Nisenan, Nomlaki, and Maidu populations. Unrecorded prehistoric cultural resources may be located in the project area.

Historic Resources: According to our records, no sites of this type have been recorded in the project area or within the 1/2-mile project vicinity. Unrecorded historic cultural resources may be located in the project area.

The USGS Butte City (1951) 15' quad map indicates that Main Drainage Levee, Belding Lateral, West Liberty Road, Gray Lodge Waterfowl Management Area, Pennington Road, roads and structures are located in the project vicinity.

Previous Archaeological Investigations: According to our records, the project area has not been previously surveyed for cultural resources. However, portions of the 1/2-mile project vicinity have been previously surveyed for cultural resources. The survey is plotted on the NEIC-generated map enclosed and a copy of the title page from the survey report, listed below, is included with this letter.

Survey in the Project Area:

Minor, Woodruff C. (Basin Research Associates, Inc.)
1996 *Cultural Resources Inventory: Wild Goose Gas Storage Project, Butte
County, California.*
IC Report 2416

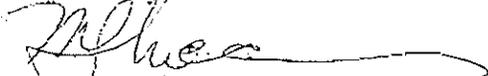
Literature Search: The official records and maps for archaeological sites and surveys in Butte County were reviewed. Also reviewed: **National Register of Historic Places - Listed properties and Determined Eligible Properties** (1988, Computer Listings 1966 through 7-00 by National Park Service); **California Register of Historical Resources** (2008); **California Points of Historical Interest** (1992); **California Inventory of Historic Resources** (1976); **California Historical Landmarks** (1996); **Directory of Properties in the Historic Property Data File for Butte County** (2008), **Handbook of North American Indians, Vol. 8, California** (1970); **Historic Spots in California** (1966).

RECOMMENDATIONS:

We recommend that you contact the appropriate local Native American representatives for information regarding traditional cultural properties that may be located within project boundaries for which we have no records. You may want to consult historic GLO plat maps in order to aid in the identification of unrecorded historic sites, which may be located within project boundaries.

The charge for this record search is \$175.15 (please refer to the following page for more information). An invoice will follow from the CSUC Research Foundation for billing purposes. Thank you for your concern in preserving California's cultural heritage, and please feel free to contact us if you have any questions or need any further information or assistance.

Sincerely,



Mim. Roeder, M.A.
Research Associate

Record Search Charge for I.C. File # D08-101

The charge for this record search is \$175.15. Please see the table below for an itemization

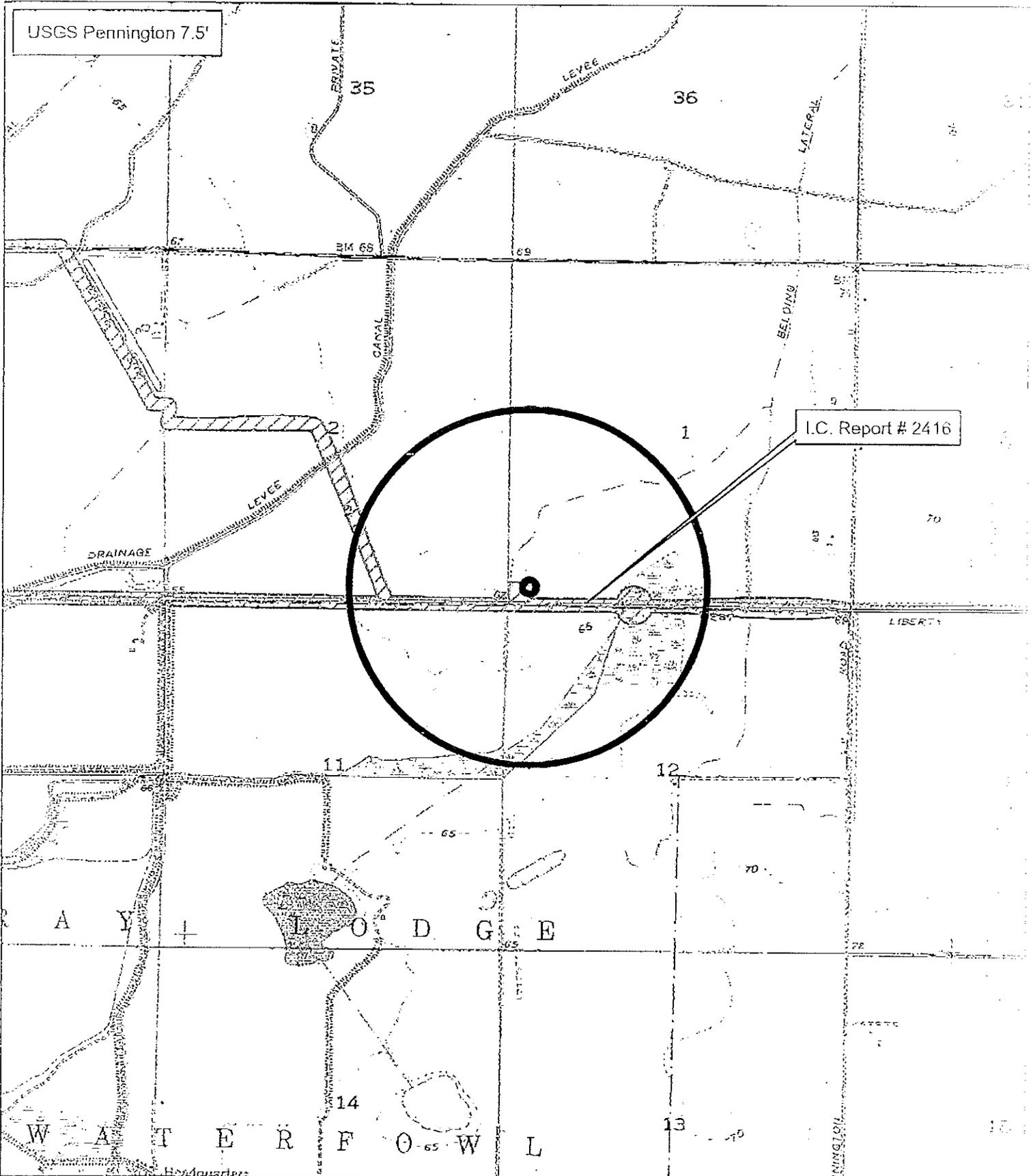
The Information Centers are conducting a two-year trial run of the new Electronic Fee Structure that has been approved by the State Historical Resources Commission. The new fee structure incorporates those data that have been converted to GIS and database format, and includes scanned records and reports, where available. Below is a cost breakdown for your record search, using this new fee structure.

THIS IS NOT AN INVOICE *		
Factor	Charge	Your Charge
Time (research, GIS query time, letter, and copy time)	\$150/hour	\$150.00 (1 hour)
Digitized Shapes	0 shapes = No charge 1-4 = \$25 5-14 = \$75 15-34 = \$150 35-49 = \$300 50-99 = \$450 100-149 = \$650 150-199 = \$850 200-249 = \$1,150 250-299 = \$1,450 300-349 = \$1,850, etc., jumping every 50 shapes by \$400	\$25.00 (1 shape)
Quads (crossed into)	Up to 2 quads = No charge 3-4 quads = \$200 5-6 quads = \$400 7 and over requires a contract or negotiated price.	\$0 (1 quad)
Copies	\$0.15 per copy	\$0.15 (1 copies)
Subtotal		\$175.15
Total Charge		\$175.15

As this is a trial period, we appreciate any written comments that you might have regarding this record search. Please address any comments to Amy Huberland, Assistant Coordinator of the NEIC.

*An invoice will follow from the CSUC Research Foundation for billing purposes.

Northeast Information Center - Records Search Results



1:24,000

Wild Goose Expansion 3 Project
I.C. File # D08-101

Previous Archaeological Surveys

Confidential
Do not redistribute

ENCLOSURE

TIGN, FIE, S. 17-20

D96-12
D96-12A

2446
FILE 667

DMG 818/819

CULTURAL RESOURCES INVENTORY

WILD GOOSE GAS STORAGE PROJECT BUTTE COUNTY, CALIFORNIA

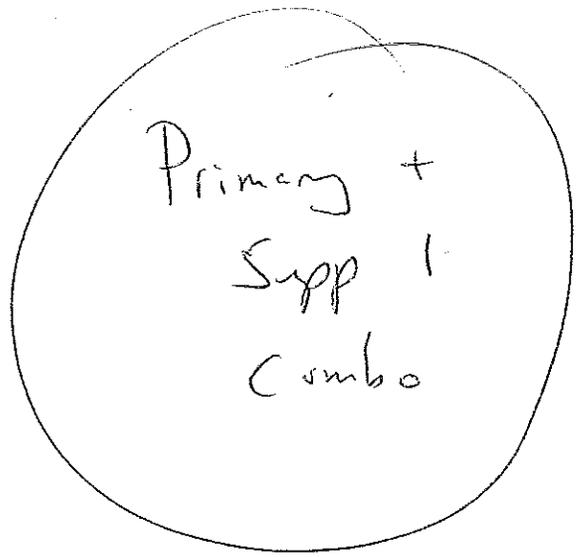
unrecord historic district - include
unrecorded historic Cherokee canal
(see p. 12)

Rec'd
5/20/99

FOR

ESSEX ENVIRONMENTAL
30 Portola Avenue
P.O. Box 1147
El Granada, California 94018

no coverage map
see p. 11 for field
methods



BY

Supplement Reports
2-5 attached

BASIN RESEARCH ASSOCIATES, INC.
1933 Davis Street, Suite 210
San Leandro, California 94577

12/03 MONITORING REPORT

and

WOODRUFF C. MINOR
Consulting Architectural Historian
Berkeley, CA 94703

AUGUST 1996
REVISED OCTOBER 1996



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

20 November, 2008

Ms. Leigh Jordan, Coordinator
Northwest Information Center
Sonoma State University
1303 Maurice Avenue
Rohnert Park, CA 94928

Project Ref: Wild Goose Expansion 3 Project
Project Manager: Mark Cassidy

Dear Ms. Jordan,

TRC Companies, Inc. is conducting a cultural resources records search and survey for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include expansion of a remote facility site, construction of additional compressor units, installation of two new process trains, and expansion of a meter station. Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

The project will be constructed within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles.

I would like to request a literature search at the Northwest Information Center for any previously recorded cultural resources within 0.5-mile of the project area.

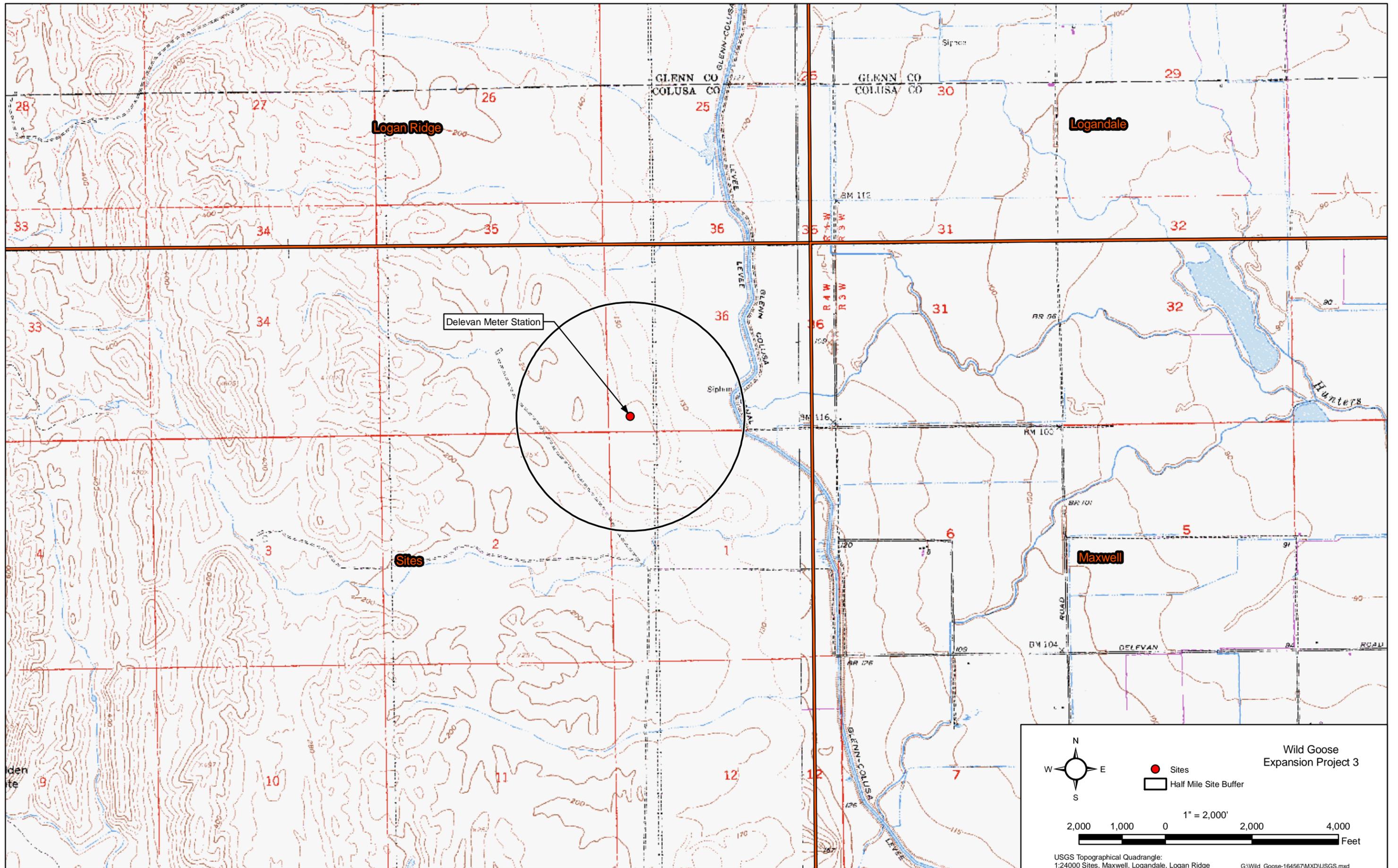
Attachments to this letter include maps of the project area and copies of my and Dionisios Glentis' resumes. Dionisios Glentis will be working along side me on the project.

Please invoice to TRC Solutions at the address listed below.

Yours sincerely,

A handwritten signature in black ink, appearing to read "T. Stropes", with a long horizontal line extending to the right.

Tracy A. Stropes
Director of Archaeology
TRC Solutions
Irvine, CA 92618
Phone: (949) 727-9336
Fax: (949) 727-7399



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CONFIDENTIAL RECORDS SEARCH REQUEST FORM

Date: 20, November, 2008 Access Agreement Number: _____

TO: Northwest Information Center

Name: Tracy Stropes, M.A., RPA

Affiliation: Director of Archaeology

Address: 21 Technology Dr.

City: Irvine State: CA Zip: 92618

Email: tstropes@trcsolutions.com

Phone: (949) 727-9336 Cell Phone: (949) 798-9384 Fax: (949) 727-7399

Project Name / Reference: Wild Goose Expansion 3 Project

Project Street Address: N/A

Project Description: Proposed expansion of Wild Goose Gas Storage Facility. Remote Facility Site Expansion & Meter Station Expansion.

County: Butte and Colusa

USGS 7.5' Quad: Sites 7.5'

Township/Range/Section or UTM: Delevan Meter Station ^{ME-0563328} _{mN-4357437}

PRIORITY RESPONSE (Additional Fee): yes / no

EMERGENCY RESPONSE (Additional Fee): yes / no

TOTAL FEE NOT TO EXCEED: \$ 350.00

Special Instructions: Please update Records Search File No. 01-86. Disregard Line 400 Connection Pipeline. Update the Delevan Meter Station within 0.5 mile radius. Contact me w/ any questions (949)-798-9384.

California Historical Resources Information System

CONFIDENTIAL RECORDS SEARCH REQUEST FORM (continued)

Include the following information (check as necessary) for the records search area shown on the attached map. Any selection left unmarked will be considered a "0" or a "no."

Map of Resource Locations:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Resource Database Printout:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Copy of Resource Records:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Map of Report Locations:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Report Database Printout:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Copy of Entire Report:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.0</u> mi radius	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Copy of Title Page Only:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no

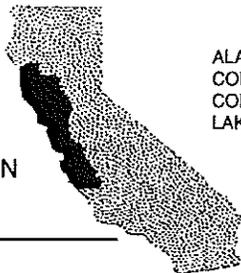
		REVIEW		PROVIDE DOCUMENTATION	
OHP Historic Properties Directory*:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
OHP Archaeological Determinations of Eligibility:	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<i>California Inventory of Historical Resources (1976):</i>	within search area	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
	within <u>0.5</u> mi radius	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no

*Includes, but not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys.

Listed below are sources of additional information that may be available at the Information Center. Indicate if a review and documentation of any of the following types of information is requested.

Caltrans Bridge Survey	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Ethnographic Information	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Historical Literature	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Historical Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Local Inventories	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Plat Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Shipwreck Inventory	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
Soil Survey Maps	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

**CALIFORNIA
HISTORICAL
RESOURCES
INFORMATION
SYSTEM**



ALAMEDA
COLUSA
CONTRA COSTA
LAKE

MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO

SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
1303 Maurice Avenue
Rohnert Park, California 94928-3609
Tel: 707.664.0880 • Fax: 707.664.0890
E-mail: leigh.jordan@sonoma.edu
http://www.sonoma.edu/nwic

INFORMATION CENTER ACCESS AGREEMENT

FILE NO.: 08-0616

I, the undersigned, have been granted access to historical resources information on file at the Northwest Information Center (NWIC) of the California Historical Resources Information System.

I understand that any CHRIS Confidential Information I receive shall not be disclosed to individuals who do not qualify for access to such information, as specified in Section III (A-E) of the CHRIS Information Center Rules of Operation Manual, or in publicly distributed documents without written consent of the Information Center Coordinator.

I agree to submit historical Resource Records and Reports based in part on the CHRIS information released under this Access Agreement to the Information Center within sixty (60) calendar days of completion.

I agree to pay for CHRIS services provided under this Access Agreement within sixty (60) calendar days of receipt of billing.

I understand that failure to comply with this Access Agreement shall be grounds for denial of access to CHRIS Information.

***** PLEASE SIGN AND RETURN THIS FORM. SEE ATTACHED INVOICE *****

Print Name: Tracy Stropes Date: _____

Signature: _____

Affiliation: TRC Solutions

Address: 21 Technology Drive City/State/Zip: Irvine, CA 92618

Billing Address (if different than above): _____

Telephone: 949-727-9336 Fax: 949-727-7399 Email: _____

Purpose of Access: Project Planning

Reference (project name or number, title of study, and street address if applicable): _____

Wild Goose Expansion 3 Project

County: Colusa Township/Range/UTMs: T18N, R4W MDB&M

USGS 7.5' Quad: Sites 7.5'

-----**STAFF USE ONLY**-----

Date request rec'd: Mail 11/24/08 Phone 12/8/08 Fax _____ In person _____

Date of response: Mail 12/9/08 Phone 12/9/08 Fax _____ In person _____

CHECK IN:	CHECK OUT:		
Staff processing:	<u>1</u>	hour(s) @ \$150/hour	\$ <u>150.00</u>
In person research:		hour(s) @ \$100/hour/person	\$ _____
Xerox/Computer Search:	<u>11</u>	page(s) @ \$0.15/page	\$ <u>1.65</u>
Labor Charge:		hour(s) @ \$40.00/hour	\$ _____
Fax @ \$1/page			\$ _____
Other:			\$ _____

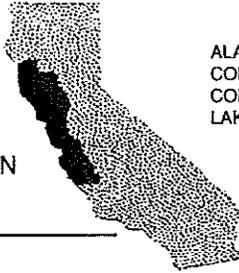
SUBTOTAL \$ 151.65
SURCHARGE \$ 75.83

Rapid Response surcharge of 50% of total cost:

Lisa C. Hagel
Information Center Staff

Invoice N11620

TOTAL \$ 227.48
=====



MEMO

Date: 9 December 2008

To: Tracy Stropes, Director of Archaeology, TRC Solutions, 21 Technology Drive,
Irvine, CA 92618

From: Lisa Hagel

Re: Wild Goose Expansion 3 Project, NWIC File #: 08-0616

Sites 7.5'

Sites in or within 1/2 mile radius of the project area: There were no recorded sites within the project area or within 1/2 mile.

Studies in or within 1/2 mile radius of the project area: S-5207 & 27984 are within the project area. S-5156, 12300, 23674, 28034, 27988, 28031, 28969, & 35197 are within 1/2 mile. Enclosed are bibliographic references for the reports. The study locations are plotted on your map.

OHP Historic Properties Directory: There were no listings in the vicinity of the project area.

California Inventory of Historical Resources: There were no listings in the vicinity of the project area.

Historic maps: 1855 & 1872 GLO Plat Maps, T18N, R4W: Nothing was shown in Section 36.
1917 (reprinted 1942) USGS Sites Quadrangle: Copied the pertinent section of the map.

SONOMA STATE UNIVERSITY
1801 EAST COTATI AVENUE
ROHNERT PARK, CALIFORNIA 94928
(707) 664-2827

TO: Tracy Stropes
TRC Solutions
21 Technology Drive
Irvine, CA 92618

Date: 12/9/2008

INVOICE # N11620

Fed. I.D. 68-0338225

	AMOUNT
Northwest Information Center	
Records search request, per attached agreement:	\$227.48
File # 08-0616	
Project Name: Wild Goose Expansion 3 Project	

PAYMENT DUE UPON RECEIPT OF INVOICE	Total	\$227.48
--	--------------	-----------------

Please return this portion with your check

Make check payable to:
Sonoma State University
MAIL TO: Northwest Information Center
1303 Maurice Avenue
Rohnert Park, CA 94928

PLEASE INCLUDE INVOICE # ON CHECK

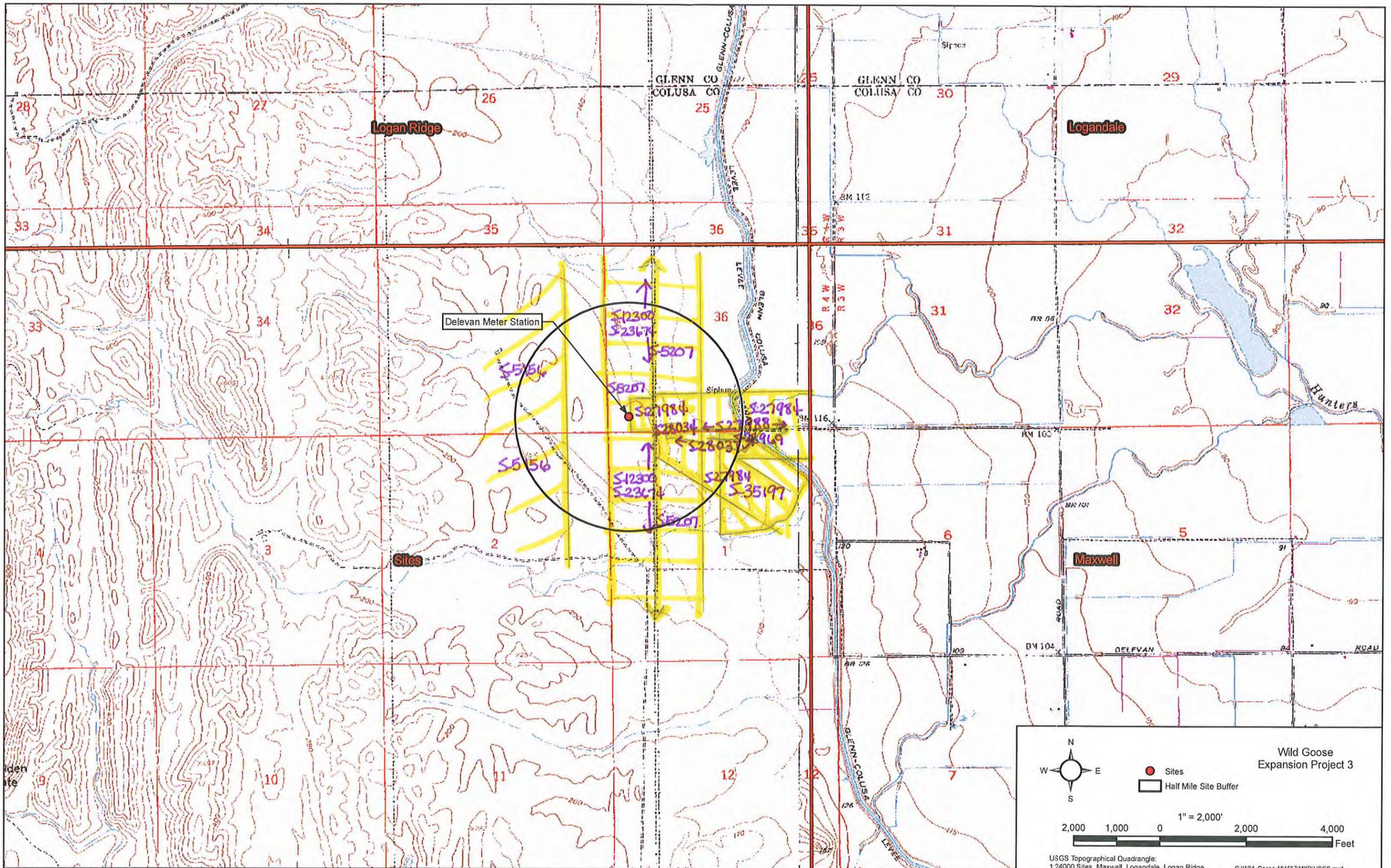
INVOICE # N11620

CUS. NO. #

580090/R048/1328

\$227.48

Tracy Stropes
TRC Solutions
21 Technology Drive
Irvine, CA 92618



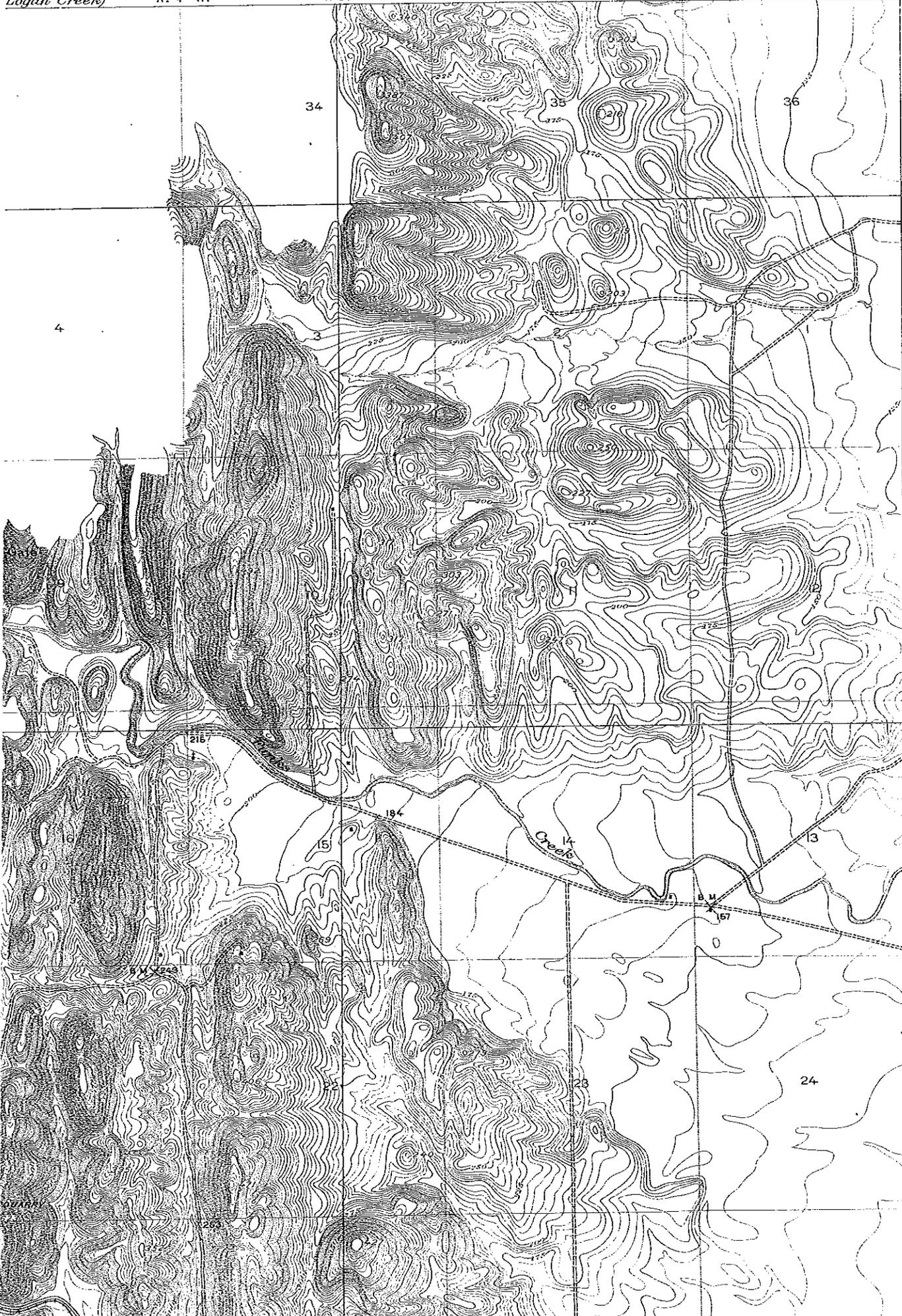
Wild Goose
Expansion Project 3

● Sites
 Half Mile Site Buffer

1" = 2,000'

2,000 1,000 0 2,000 4,000
Feet

USGS Topographical Quadrangle:
 1:24000 Sites, Maxwell, Logandale, Logan Ridge
 G:\Wild Goose-164567\MXD\USGS.mxd



T. 18 N.
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Northwest Information Center Report Detail Record: S-005156

Previous designation(s):

Citation Information

Authors: Adan E. Treganza
Robert L. Edwards
Thomas F. King

Year: 1965

Title: Archeological Survey and Excavation along the Tehama-Colusa Canal, Central California

Originator: San Francisco State College

No. Pages: 87

No. Maps: 13

Report Type(s): Archeological survey

Inventory Size: c 250 li mi

No. Sites: 20

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

<i>Primary No.</i>	<i>HRI No.</i>	<i>Trinomial</i>	<i>Name</i>
P-06-000047		CA-COL-24	
P-06-000048		CA-COL-25	
P-06-000049		CA-COL-26	
P-06-000050		CA-COL-27	
P-06-000051		CA-COL-28	
P-06-000052		CA-COL-29	
P-57-000004		CA-YOL-1	

Notes

Also recorded; CA-TEH-233, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, & 29; and CA-GLE-1.

Location Info

County(ies): Colusa
Glenn
Solano
Tehama
Yolo

USGS 7.5' Quads: Allendale
Bird Valley
Denverton
Elmira
Madison
Manor Slough
Salt Canyon
Sites
Wildwood School
Winters
Zamora

Address:

Database Record Metadata

<i>Date</i>	<i>User</i>	<i>Action taken</i>
<i>Entered:</i> 4/7/2005	nwic-main	
<i>Last Modified:</i> 7/12/2007	hagell	
<i>IC Actions:</i> <i>Date</i>	<i>User</i>	<i>Action taken</i>
4/7/2005	jay	Appended records from NWICmain bibliographic database.
2/2/2007	gravantef	added Sites Quad in location

Date Mapped:

Northwest Information Center Report Detail Record: S-005207

Previous designation(s):

Citation Information

Authors: Brigham Arnold

Year: 1964

Title: A Survey of Archeological Resources along the Pacific Gas and Electric Company's Canadian Gas Line in California.

Originator: Pacific Gas & Electric Co.

No. Pages: 67

No. Maps: 10

Report Type(s): Archaeological survey

Inventory Size: c 150 li mi

No. Sites: 1

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

<i>Primary No.</i>	<i>HRI No.</i>	<i>Trinomial</i>	<i>Name</i>
P-48-000020		CA-SOL-12	CAMPBELL SITE

Notes

Location Info

County(ies): Colusa
Solano
Yolo

USGS 7.5' Quads: Allendale
Antioch North
Bird Valley
Birds Landing
Elmira
Esparto
Sites
Wildwood School
Williams
Winters

Address:

Database Record Metadata

Date *User*

Entered: 4/7/2005 nwic-main

Last Modified: 4/6/2007 neala

<i>IC Actions:</i>	<i>Date</i>	<i>User</i>	<i>Action taken</i>
	4/7/2005	jay	Appended records from NWICmain bibliographic database.
	2/2/2007	gravantef	Added Sites Quad in location
	4/6/2007	neala	nrcc.quad addition

Date Mapped:

Northwest Information Center Report Detail Record: S-012300

Previous designation(s):

Citation Information

Authors: Michael J. Moratto
Thomas L. Jackson
Richard Pettigrew
Randall F. Schalk
David Chavez
Eric C. Gibson
Claudia B. Hemphill
Christian J. Miss
Barry A. Price
Melinda Romano
C. Kristina Roper
Brian P. Wickstrom
Michael S. Burney
Clayton G. Lebow

Year: 1990

Title: Final Cultural Resources Assessment Report, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California, Phase 1: Survey, Inventory, and Preliminary Evaluation of Cultural Resources

Originator: INFOTEC Research, Inc., Biosystems Analysis, Inc.

No. Pages: 2000

No. Maps: 169

Report Type(s): Archaeological survey

Inventory Size: c 845 li mi

No. Sites: 223

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

<i>Primary No.</i>	<i>HRI No.</i>	<i>Trinomial</i>	<i>Name</i>
P-06-000228		CA-COL-164	
P-06-000229		CA-COL-165	
P-06-000230		CA-COL-166	
P-07-000027		CA-CCO-7	
P-07-000321		CA-CCO-551	EAST CONTRA COSTA COUNTY AIRPOR
P-07-000377		CA-CCO-612	PEP 12-1
P-07-000378		CA-CCO-613	PEP 12-2
P-48-000401		CA-SOL-347	
P-48-000402		CA-SOL-348	
P-48-000403		CA-SOL-349	
P-48-000404		CA-SOL-350	
P-48-000405		CA-SOL-351	
P-57-000130		CA-YOL-161	CA SITE 16
P-57-000131		CA-YOL-162	4-YOL-162
P-57-000184		CA-YOL-167	
P-57-000185		CA-YOL-168	
P-57-000186		CA-YOL-169	
P-57-000187		CA-YOL-170	
P-57-000188		CA-YOL-171	

Notes

Location Info

County(ies): Alameda
Colusa
Contra Costa
Solano

Northwest Information Center Report Detail Record: S-012300

Yolo
Sacramento
USGS 7.5' Quads: Allendale
Antioch North
Antioch South
Bird Valley
Birds Landing
Brentwood
Byron Hot Springs
Clifton Court Forebay
Cortina Creek
Dozier
Elmira
Esparto
Jersey Island
Manor Slough
Monticello Dam
Rumsey
Sites
Wildwood School
Williams
Winters

Address:

Database Record Metadata

	<i>Date</i>	<i>User</i>	
<i>Entered:</i>	4/7/2005	nwic-main	
<i>Last Modified:</i>	4/17/2008	hagell	
<i>IC Actions:</i>	<i>Date</i>	<i>User</i>	<i>Action taken</i>
	4/7/2005	jay	Appended records from NWICmain bibliographic database.

Date Mapped:

Northwest Information Center Report Detail Record: S-023674

Previous designation(s):

Citation Information

Authors: Michael Moratto
Richard Pettigrew
Barry Price
Lester Ross
Randall Schalk
Judith Willig
Christian Miss
Clayton Lebow
Ricky Atwell
Gary Bowyer
Lou Ann Speulda
Lynda Sekora
Robert Bryson
Craig Skinner
William Hildebrandt
Patricia Mikkelsen

Year: 1995

Title: Archaeological Investigations, PGT-PG&E Pipeline Expansion Project, Idaho, Washington, Oregon, and California (Volume I, II, III, IV, V)

Originator: INFOTEC Research, Inc., Far Western Anthropological Research Group, Inc.

No. Pages:

No. Maps:

Report Type(s): Archaeological survey

Inventory Size: c 1,044 li mi

No. Sites: 14

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

<i>Primary No.</i>	<i>HRI No.</i>	<i>Trinomial</i>	<i>Name</i>
P-06-000183		CA-COL-197H	PEP 10-15
P-06-000184		CA-COL-198	PEP10-14
P-06-000228		CA-COL-164	
P-06-000229		CA-COL-165	
P-06-000242		CA-COL-178	
P-07-000071		CA-CCO-129	Voided, See P-07-000080
P-07-000080		CA-CCO-138	C-138
P-07-000383		CA-CCO-618H	DEP-11B-1
P-07-000412		CA-CCO-652H	
P-07-000413		CA-CCO-653	
P-07-000721		CA-CCO-368	
P-48-000402		CA-SOL-348	
P-57-000192		CA-YOL-176	
P-57-000193		CA-YOL-177	PEP 11-20

Notes

Location Info

County(ies): Alameda
Colusa
Contra Costa
Solano
Yolo
Sacramento

USGS 7.5' Quads: Allendale

Northwest Information Center Report Detail Record: S-023674

Antioch North
Antioch South
Bird Valley
Birds Landing
Brentwood
Byron Hot Springs
Clifton Court Forebay
Cortina Creek
Dozier
Elmira
Esparto
Jersey Island
Manor Slough
Monticello Dam
Rumsey
Sites
Wildwood School
Williams
Winters
Woodward Island

Address:

Database Record Metadata

	<i>Date</i>	<i>User</i>	
<i>Entered:</i>	4/7/2005	nwic-main	
<i>Last Modified:</i>	4/17/2008	hagell	
<i>IC Actions:</i>	<i>Date</i>	<i>User</i>	<i>Action taken</i>
	4/7/2005	jay	Appended records from NWICmain bibliographic database.

Date Mapped:

Northwest Information Center Report Detail Record: S-027984

*Previous
designation(s):*

Citation Information

Authors: Basin Research Associates, Inc.

Year: 1999

Title: Wild Goose Gas Storage Project, Line 400 Connection Pipeline Feasibility Study, Butte and Colusa Counties, California

Originator: Basin Research Associates, Inc.

No. Pages: 28

No. Maps: 5

Report Type(s): Archaeological survey

Inventory Size: c 5.5 ac + 4.2 li mi

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Location Info

County(ies): Colusa

USGS 7.5' Quads: Maxwell

Moulton Weir

Sanborn Slough

Sites

Address:

Database Record Metadata

Date *User*

Entered: 4/7/2005 nwic-main

Last Modified: 2/2/2007 hagell

IC Actions: *Date* *User* *Action taken*

4/7/2005 jay Appended records from NWICmain bibliographic database.

2/2/2007 gravantef Added Sites Quad in location

Date Mapped:

Northwest Information Center Report Detail Record: S-027988

*Previous
designation(s):*

Citation Information

Authors: Colin I. Busby

Year: 2001

Title: Cultural Resources Inventory, Line 400 Connection Pipeline and Delevan Interconnect Site, Wild Goose Storage, Inc. Gas Storage Facilities Expansion Project, Butte and Colusa Counties (letter report)

Originator: Basin Research Associates, Inc.

No. Pages: 16

No. Maps: 12

Report Type(s): Archaeological survey

Inventory Size: c 25.5 li mi

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Location Info

County(ies): Colusa

USGS 7.5' Quads: Maxwell

Moulton Weir

Sanborn Slough

Sites

Address:

Database Record Metadata

Date *User*

Entered: 4/7/2005 nwic-main

Last Modified: 1/16/2008 hagell

IC Actions: *Date* *User* *Action taken*

4/7/2005 jay Appended records from NWICmain bibliographic database.

Date Mapped:

Northwest Information Center Report Detail Record: S-028031

*Previous
designation(s):*

Citation Information

Authors: Basin Research Associates, Inc.

Year: 2003

Title: Historic Properties Survey Report/Finding of Effect, Wild Goose Storage, Inc. Gas Storage Facilities Expansion Project, Butte and Colusa Counties, California

Originator: Basin Research Associates, Inc.

No. Pages: 43

No. Maps: 17

Report Type(s): Historic study

Inventory Size: c 25.6 li mi

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Location Info

County(ies): Colusa

USGS 7.5' Quads: Maxwell

Moulton Weir

Sanborn Slough

Address:

Database Record Metadata

Date User

Entered: 4/7/2005 nwic-main

Last Modified: 10/23/2007 hagell

IC Actions: *Date User Action taken*

4/7/2005 jay Appended records from NWICmain bibliographic database.

2/2/2007 gravantef Deleted Sites Quad from location

Date Mapped:

Northwest Information Center Report Detail Record: S-028034

*Previous
designation(s):*

Citation Information

Authors: Colin I. Busby

Year: 2003

Title: Archaeological Inventory, Temporary Construction Laydown/Staging Area at the Delevan Interconnect Site, Wild Goose Storage Project, Colusa County.

Originator: Basin Research Associates, Inc.

No. Pages: 1

No. Maps: 2

Report Type(s): Archaeological survey

Inventory Size: c 2 ac

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Location Info

County(ies): Colusa

USGS 7.5' Quads: Sites

Address:

Database Record Metadata

Date User

Entered: 4/25/2005 leigh

Last Modified: 2/2/2007 hagell

IC Actions:

Date Mapped:

Northwest Information Center Report Detail Record: S-028969

Previous designation(s):

Citation Information

Authors: Colin I. Busby

Year: 2003

Title: Cultural Resources Monitoring Closure Report, Wild Goose Storage, Inc. Gas Storage Facilities Expansion Project, Butte and Colusa Counties (letter report)

Originator: Basin Research Associates, Inc.

No. Pages: 8

No. Maps: 2

Report Type(s): Monitoring report

Inventory Size:

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Found an isolated bowl mortar and metal wheel.

Location Info

County(ies): Colusa

USGS 7.5' Quads: Maxwell

Moulton Weir

Sanborn Slough

Sites

Address:

Database Record Metadata

Date *User*

Entered: 4/7/2005 nwic-main

Last Modified: 2/2/2007 hagell

IC Actions: *Date* *User* *Action taken*

4/7/2005 jay Appended records from NWICmain bibliographic database.

Date Mapped:

Northwest Information Center Report Detail Record: S-035197

*Previous
designation(s):*

Citation Information

Authors: Trudy Vaughan

Year: 2008

Title: Archaeological Reconnaissance for Proposed Annexation of Lands (77.9 acres) to the Glenn-Colusa Irrigation District, Colusa County, California (Azevedo Annexation / APN 011-140-021-000), BUR080609B

Originator: Coyote & Fox Enterprises

No. Pages: 16

No. Maps: 3

Report Type(s): Archaeological survey

Inventory Size: c 78 ac

No. Sites: 0

No. Informal:

Collections:

Disclosure: Not for publication

Associated Resources

Notes

Two isolated artifacts were found.

Location Info

County(ies): Colusa

USGS 7.5' Quads: Sites

Maxwell

Address:

Database Record Metadata

Date User

Entered: 12/9/2008 hagell

Last Modified: 12/9/2008 hagell

IC Actions:

Date Mapped:

**ATTACHMENT B
SACRED LANDS FILE SEARCH**

CONFIDENTIALITY

The site location data presented in these attachments, particularly site sensitivity location maps, are of a sensitive nature and must remain confidential. Caution must be exercised in distributing this information. Maps should be available only to managers, officials, and other professionals who have a legitimate “need to know,” for purposes of avoiding site impacts during construction or otherwise managing historic properties during project implementation.

STATE OF CALIFORNIA

Arnold Schwarzenegger, Governor

**NATIVE AMERICAN HERITAGE
COMMISSION**915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-4082
Fax (916) 657-5390

December 8, 2008

Tracy A. Stropes
Director of Archaeology
TRC
21 Technology Drive
Irvine, CA 92618Sent by Fax: 949-727-7399
Number of Pages: 4

Re: Proposed Wild Goose Expansion 3 Project; Butte and Colusa County County.

Dear Ms. Stropes:

A record search of the sacred lands file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4040.

Sincerely,

Handwritten signature of Katy Sanchez in cursive script.

Katy Sanchez
Program Analyst

Native American Contact
Butte and Colusa Counties
December 8, 2008

Berry Creek Rancheria of Maidu Indians
 Cultural Resources Rep
 #5 Tyme Way Tyme Maidu
 Oroville , CA 95966
 gmix@berrycreekrancheria.
 (530) 534-3859
 (530) 534-1151 FAX

Butte Tribal Council
 Ren Reynolds
 1693 Mt. Ida Road Maidu
 Oroville , CA 95966
 (530) 589-1571

Mechoopda Indian Tribe of Chico Rancheria
 Dennis Ramirez, Chairperson
 125 Mission Ranch Blvd Mechoopda Maidu
 Chico , CA 95926 Concow
 award@mechoopda-nsn.gov
 (530) 899-8922 ext 215
 (530) 899-8517 - Fax

Colusa Indian Community Council
 Wayne Mitchem, Chairperson
 3730 Hiway 45 Wintun (Patwin)
 Colusa , CA 95932
 rmitchum@colusanet.com
 (530) 458-8231
 530-458-3866

Wintun Environmental Protection Agency
 P.O. Box 1839 Wintun (Patwin)
 Williams , CA 95987
 corwepa@hotmail.com
 (530) 473-3318
 (530) 473-3319
 (530) 473-3320 - Fax

Paskenta Band of Nomlaki Indians
 Everitt Freeman, Chairperson
 PO Box 398 Nomlaki
 Orland , CA 95963 Wintun
 office@paskenta.org
 (530) 865-2010
 (530) 865-1870 Fax

Grindstone Rancheria of Wintun-Wailaki
 Ronald Kirk, Chairperson
 P.O. Box 63 Nomlaki
 Elk Creek , CA 95939 Wintun (Patwin)
 (530) 968-5365 Wailaki
 (530) 968-5366 FAX Muimok

Mooretown Rancheria of Maidu Indians
 Gary Archuleta, Chairperson
 #1 Alverda Drive Maidu
 Oroville , CA 95966 KonKow / Concow
 frontdesk@mooretown.org
 (530) 533-3625
 (530) 533-3680 Fax

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Wild Goose Expansion 3 project; Butte and Colusa Counties.

**Native American Contact
Butte and Colusa Counties
December 8, 2008**

Rumsey Indian Rancheria of Wintun
Marshall McKay, Chairperson
P.O. Box 18 Wintun (Patwin)
Brooks, CA 95606
(530) 796-3400
(530) 796-2143 Fax

Cortina Band of Indians
Thelma Brafford, Tribal Administrator
P.O. Box 1630 Wintun/Patwin
Williams, CA 95987
(530) 473-3274
(530) 437-3301 FAX

Mechoopda Indian Tribe of Chico Rancheria
Paula Cuddeford, Tribal Administrator
125 Mission Ranch Blvd Mechoopda Maidu
Chico, CA 95926 Concow
pcuddeford@mechoopda-nsn.
(530) 899-8922 ext-209
Fax: (530) 899-8517

Mooretown Rancheria of Maidu Indians
James Sanders, Tribal Administrator
#1 Alverda Drive Maidu
Oroville, CA 95966 KonKow/Concow
(530) 533-3625
(530) 533-3680 FAX

Cortina Band of Indians
Elaine Patterson, Chairperson
PO Box 1630 Wintun / Patwin
Williams, CA 95987
(530) 473-3274 - Voice
(530) 473-3190 - Voice
(530) 473-3301 - Fax

Colusa Indian Community Council
Shannon Morganson, Tribal Administrator
3730 Hiway 45 Wintun (Patwin)
Colusa, CA 95932
CICC@colusanet.com
(530) 458-8231

KonKow Valley Band of Maidu
Patsy Seek, Chairperson
1706 Sweem Street KonKow / Concow
Oroville, CA 95965 Maidu
(530) 533-1504

Colusa Indian Community Council
Tammy Fullerton, Environmental Coordinator
3730 Hiway 45 Wintun (Patwin)
Colusa, CA 95932
rise.tammy@prodigy.net
(530) 458-8231

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Wild Goose Expansion 3 project; Butte and Colusa Counties.

Native American Contact
Butte and Colusa Counties
 December 8, 2008

Kesner Flores
 PO Box 1047
 Wheatland, CA 95692
 calnagpra@hotmail.com
 925-586-8919

Wintun / Patwin

Enterprise Rancheria of Maidu Indians
 Glenda Nelson, Chairperson
 1940 Feather River Blvd., Suite B Maidu
 Oroville, CA 95965
 eranch@cncnet.com
 (530) 532-9214
 (530) 532-1768 FAX

Berry Creek Rancheria of Maidu Indians
 Jim Edwards, Chairperson
 #5 Tyne Way
 Oroville, CA 95966
 gmix@berrycreekrancheria.
 (530) 534-3859
 (530) 534-1151 FAX

Tyme Maidu

Rumsey Indian Rancheria of Wintun
 Leland Kinter, Native Cultural Renewal Committee
 P.O. Box 18 Wintun (Patwin)
 Brooks, CA 95606
 (530) 979-6346
 (530) 796-3400 - office
 (530) 796-2143 Fax

Cortina Band of Indians
 Karen Flores, Vice Chairperson
 PO Box 1630
 Williams, CA 95987
 (530) 473-3274 - Voice
 (530) 473-3190 - Voice
 (530) 473-3301 - Fax

Wintun / Patwin

Rumsey Indian Rancheria of Wintun
 Cynthia Clarke, Native Cultural Renewal Committee
 P.O. Box 18 Wintun (Patwin)
 Brooks, CA 95606
 (530) 796-3400 - office
 (530) 796-2143 Fax

Enterprise Rancheria of Maidu Indians
 Frank Watson, Vice Chairperson
 1940 Feather River Blvd., Suite B Maidu
 Oroville, CA 95965
 eranch@cncnet.com
 (530) 532-9214
 (530) 532-1768 FAX

Grindstone Rancheria of Wintun-Wailaki
 Regina Dock
 P.O. Box 63
 Elk Creek, CA 95939
 (530) 968-5365
 (530) 968-5366 FAX

Nomlaki
 Wintun (Patwin)
 Wailaki
 Muimok

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources for the proposed Wild Goose Expansion 3 project; Butte and Colusa Counties.

**ATTACHMENT C
NATIVE AMERICAN CORRESPONDENCE**

CONFIDENTIALITY

The site location data presented in these attachments, particularly site sensitivity location maps, are of a sensitive nature and must remain confidential. Caution must be exercised in distributing this information. Maps should be available only to managers, officials, and other professionals who have a legitimate “need to know,” for purposes of avoiding site impacts during construction or otherwise managing historic properties during project implementation.

10 December, 2008

Attn: Cultural Resources Representative
Berry Creek Rancheria of Maidu Indians
#5 Tyme Way
Oroville, CA 95966

Dear Cultural Resources Representative,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

- Expand the Remote Facility Site to allow for installation of further process and compression equipment.
- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
- Expand the meter station at the Delevan Interconnect Site to accommodate increased flow.

Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

Pursuant to Section 101 of the National Historic Preservation Act, TRC is notifying concerned Native American parties about our project and inquiring about any cultural sensitivity concerns you may have.

I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Jim Edwards, Chairperson
Berry Creek Rancheria of Maidu Indians
#5 Tyme Way
Oroville, CA 95966

Dear Mr. Edwards,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Ren Reynolds
Butte Tribal Council
1693 Mt. Ida Road
Oroville, CA 95966

Dear Ren Reynolds,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

- Expand the Remote Facility Site to allow for installation of further process and compression equipment.
- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
- Expand the meter station at the Delevan Interconnect Site to accommodate increased flow.

Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

Pursuant to Section 101 of the National Historic Preservation Act, TRC is notifying concerned Native American parties about our project and inquiring about any cultural sensitivity concerns you may have.

I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Shannon Morganson, Tribal Administrator
Colusa Indian Community Council
3730 Hiway 45
Colusa, CA 95932

Dear Shannon Morganson,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

- Expand the Remote Facility Site to allow for installation of further process and compression equipment.
- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
- Expand the meter station at the Delevan Interconnect Site to accommodate increased flow.

Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

Pursuant to Section 101 of the National Historic Preservation Act, TRC is notifying concerned Native American parties about our project and inquiring about any cultural sensitivity concerns you may have.

I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Tammy Fullerton, Environmental Coordinator
Colusa Indian Community Council
3730 Hiway 45
Colusa, CA 95932

Dear Ms. Fullerton,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

- Expand the Remote Facility Site to allow for installation of further process and compression equipment.
- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
- Expand the meter station at the Delevan Interconnect Site to accommodate increased flow.

Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

Pursuant to Section 101 of the National Historic Preservation Act, TRC is notifying concerned Native American parties about our project and inquiring about any cultural sensitivity concerns you may have.

I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Wayne Mitchem, Chairperson
Colusa Indian Community Council
3730 Hiway 45
Colusa, CA 95932

Dear Mr. Mitchem,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
- Install two new process trains (for a total of five trains).
- Expand the meter station at the Delevan Interconnect Site to accommodate increased flow.

Additional wells will be drilled at a Well Pad Site, but these were approved in a previous Certificate of Public Convenience and Necessity (CPCN) and will not be part of our consultation.

Pursuant to Section 101 of the National Historic Preservation Act, TRC is notifying concerned Native American parties about our project and inquiring about any cultural sensitivity concerns you may have.

I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Elaine Patterson, Chairperson
Cortina Band of Indians
P.O. Box 1630
Williams, CA 95987

Dear Ms. Patterson,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

- Expand the Remote Facility Site to allow for installation of further process and compression equipment.
- Increase the compression from approximately 20,700 HP (six compressor units) to a total of approximately 35,000 HP (approximately 10 compressor units).
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I would appreciate any input or concerns you may have about the project in writing so they may be addressed in a timely manner. If you have any questions or concerns regarding this project, please feel free to contact me at any time.

Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Karen Flores, Vice Chairperson
Cortina Band of Indians
P.O. Box 1630
Williams, CA 95987

Dear Ms. Florez,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Thelma Brafford, Tribal Administrator
Cortina Band of Indians
P.O. Box 1630
Williams, CA 95987

Dear Ms. Brafford,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Frank Watson, Vice Chairperson
Enterprise Rancheria of Maidu Indians
1940 Feather River Blvd., Suite B
Oroville, CA 95965

Dear Mr. Watson,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Glenda Nelson, Chairperson
Enterprise Rancheria of Maidu Indians
1940 Feather River Blvd., Suite B
Oroville, CA 95965

Dear Ms. Nelson,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Regina Dock
Grindstone Rancheria of Wintun-Wailaki
P.O. Box 63
Elk Creek, CA 95939

Dear Ms. Dock,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Ronald Kirk, Chairperson
Grindstone Rancheria of Wintun-Wailaki
P.O. Box 63
Elk Creek, CA 95939

Dear Mr. Kirk,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Kesner Flores
P.O. Box 1047
Wheatland, CA 95692

Dear Kesner Flores,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Patsy Seek, Chairperson
KonKow Valley Band of Maidu
1706 Sweem Street
Oroville, CA 95965

Dear Patsy Seek,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,

A handwritten signature in black ink, appearing to read 'T. Stropes', with a long horizontal flourish extending to the right.

Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Dennis Ramirez, Chairperson
Mechoopda Indian Tribe of Chico Rancheria
125 Mission Ranch Blvd.
Chico, CA 95926

Dear Mr. Ramirez,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Paula Cuddeford, Tribal Administrator
Mechoopda Indian Tribe of Chico Rancheria
125 Mission Ranch Blvd.
Chico, CA 95926

Dear Ms. Cuddeford,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Gary Archuleta, Chairperson
Mooretown Rancheria of Maidu Indians
#1 Alverda Drive
Oroville, CA 95966

Dear Mr. Archuleta,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

James Sanders, Tribal Administrator
Mooretown Rancheria of Maidu Indians
#1 Alverda Drive
Oroville, CA 95966

Dear Mr. Sanders,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Everitt Freeman, Chairperson
Paskenta Band of Nomlaki Indians
P.O. Box 398
Orland, CA 95963

Dear Everitt Freeman,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Cynthia Clarke, Native Cultural Renewal Committee
Rumsey Indian Rancheria of Wintun
P.O. Box 18
Brooks, CA 95606

Dear Ms. Clarke,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Leland Kinter, Native Cultural Renewal Committee
Rumsey Indian Rancheria of Wintun
P.O. Box 18
Brooks, CA 95606

Dear Leland Kinter,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Marshall McKay, Chairperson
Rumsey Indian Rancheria of Wintun
P.O. Box 18
Brooks, CA 95606

Dear Mr. McKay,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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Respectfully,



Tracy A. Stropes, M.A., RPA
Director of Archaeology
949.727.7371
tstropes@trcsolutions.com

10 December, 2008

Wintun Environmental Protection Agency
P.O. Box 1839
Williams, CA 95987

To whom it may concern,

TRC Companies, Inc. (TRC) conducted a Cultural Resources Inventory and a Sacred Lands Search with the Native American Heritage Commission for the proposed expansion of the Wild Goose Expansion 3 Project in Butte County and Colusa County, CA. The project will include the following components within the Sites, Pennington, and Sanborn Slough United States Geological Survey (USGS) 7.5' quadrangles:

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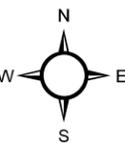
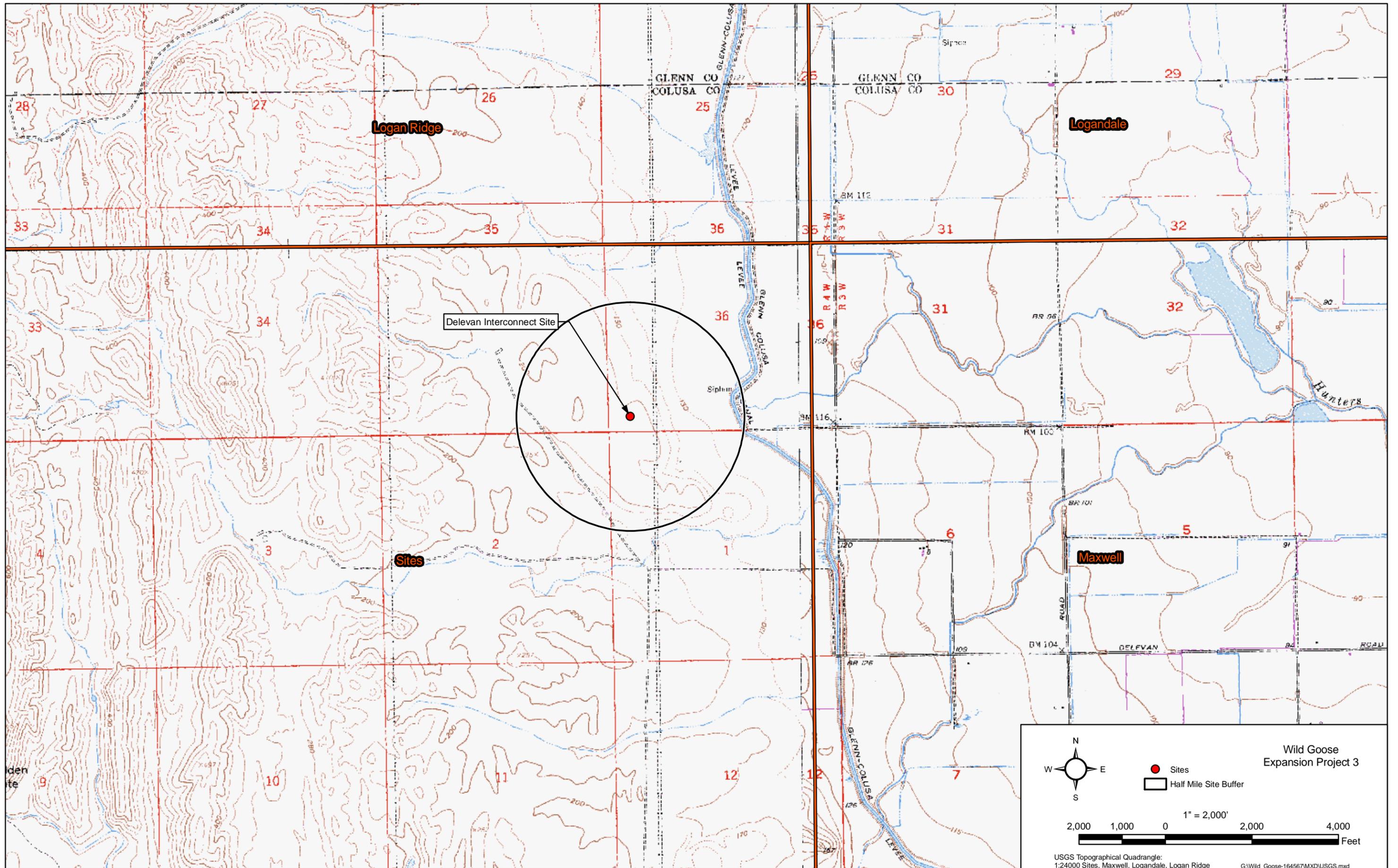
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Tracy A. Stropes, M.A., RPA
Director of Archaeology
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Wild Goose
Expansion Project 3

- Sites
- Half Mile Site Buffer

