



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Mother Lode Field Office  
5152 Hillside Circle  
El Dorado Hills, CA 95762  
[www.blm.gov/ca/folsom](http://www.blm.gov/ca/folsom)

### Spivey house demolition project (CA-180-10-47) Finding of No Significant Impact September 2010

Based upon a review of the EA and the supporting documents, I find that the project is not a major federal action, and will not significantly affect the quality of the human environment, individually or cumulatively with other actions in the general area. No environmental effects meet the definition of significance in context or intensity as defined in 40 CFR § 1508.27 and do not exceed those effects described in the Sierra RMP. Therefore, an environmental impact statement is not needed. This finding is based on the context and intensity of the project as described:

**Context:** The project is a site-specific action, directly involving approximately 1-acre of BLM administered land that by itself does not have international, national, or state-wide importance. The entire 54-acre parcel is regionally important (Sierra Nevada region) to the California red-legged frog, a federally threatened species, with only 7 populations of the frog occurring in the entire region.

- 1) *Impacts can be both beneficial and adverse and a significant effect may exist regardless of the perceived balance of effects.* The proposed action would impact resources as described in the EA. None of the environmental effects discussed in detail in the EA and associated appendices are considered significant, nor do the effects exceed those described in the Sierra RMP FEIS.
- 2) *The degree of the impact on public health or safety.* No aspects of the proposed action have been identified as having the potential to significantly and adversely impact public health or safety. In fact, the proposed action is designed to enhance public health.
- 3) *Unique characteristics of the geographic area such as proximity to historic or cultural resources, park lands, prime farm lands, wetlands, wilderness, wild and scenic rivers, or ecologically critical areas.* The proposed action area is within 100 feet of a 1-acre pond—the primary resource within the Spivey Pond Area of Critical Environmental Concern (ACEC). The ACEC was designated to protect the California red-legged frog and its habitat. No adverse impacts to the ACEC values were identified. The proposed action will benefit the ACEC values.

- 4) *The degree to which the effects on the quality of the human environment are likely to be highly controversial effects.* There is no scientific controversy over the nature of the impacts.
- 5) *The degree to which the possible effects on the human environment are likely to be highly uncertain or involve unique or unknown risks.* The analysis does not show that the proposed action would involve any uncertain, unique or unknown risks.
- 6) *The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration.* The actions considered in the proposed action were considered by the interdisciplinary team within the context of past, present, and reasonably foreseeable future actions. A complete analysis of the direct, indirect, and cumulative effects of the proposed action and all other alternatives is described in the EA. Demolishing and removing a house on BLM-administered land is not precedent setting. It has been done numerous times in the past by BLM to prevent occupancies that are not in the public interest.
- 7) *Whether the action is related to other actions with individually insignificant but cumulatively significant impacts.* The interdisciplinary team evaluated the proposed action in the context of past, present and reasonably foreseeable actions. Because no site specific adverse impacts are expected for any resources, cumulative impacts at the larger, watershed scale are not anticipated.
- 8) *The degree to which the action may adversely affect National Historic Register listed or eligible to be listed sites or may cause loss or destruction of significant scientific, cultural or historical resources.* The proposed action would not adversely affect districts, sites, structures, buildings, or other objects listed in or eligible for listing in the National Register of Historic Places, nor will it cause loss or destruction of significant scientific, cultural, or historical resources.
- 9) *The degree to which the action may adversely affect ESA listed species or critical habitat.* The proposed action is located within 100 feet of a 1-acre pond that provide habitat for California red-legged frog, a species listed as threatened by the U.S. Fish and Wildlife Service (FWS) under the Endangered Species Act. BLM incorporated conservation measures into the proposed action for protection of the frog. BLM initiated informal consultation and received concurrence from the FWS that the proposed action is not likely to adversely affect the California red-legged frog.
- 10) *Whether the action threatens a violation of environmental protection law or requirements.* The proposed action does not violate any known federal, state, local or tribal law or requirement imposed for the protection of the environment. Furthermore, informal consultation was completed with the FWS as required by the Endangered Species Act. In addition, the proposed action is consistent with applicable land management plans, policies, and programs.

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William S. Haigh  
Field Manager,  
Mother Lode Field Office

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Date



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Mother Lode Field Office

5152 Hillside Circle

El Dorado Hills, CA 95762

[www.blm.gov/ca/motherlode](http://www.blm.gov/ca/motherlode)

**EA Number:** CA-180-10-47

**Proposed Action:** Spivey House Demolition Project

**Location:** T10N, R12E, Section 1, El Dorado County, California. See attached map.

### 1.0 Purpose of and Need for Action

The purpose of the proposed action is to eliminate a public nuisance and hazard—Spivey House. This house was a private residence that was originally acquired in the early 2000s by BLM along with the land/Spivey Pond. The land/Spivey Pond were designated by BLM in 2008 as an area of critical environmental concern (ACEC) for protection of the California red-legged frog and its habitat. Under BLM ownership, the house was used as quarters for temporary employees and simply had too many maintenance needs to be a suitable quarters unit. Subsequent non-use by BLM led to vandalism and use by transients who left drug paraphernalia, human waste, and copious amounts of domestic garbage in and around the house. BLM has invested in law enforcement patrols and other measures to try to prevent vandalism and vagrant use. The house was boarded up on 06/10/2010 and is in immediate need for demolition. In its current state, the house is a magnet for vandals and vagrants. This use is not consistent with management of the Spivey Pond ACEC or general BLM management policies as spelled out in our land use plans and FLPMA.

### 1.2 Conformance with Applicable Land Use Plans

The proposed action is consistent with the Sierra Resource Management Plan Record of Decision (ROD), approved in February 2008. On page 39 of the ROD it states “Designate the 54-acre Spivey pond ACEC (Map 5b) and manage in accordance with the Spivey Pond Management Plan to protect the federally threatened California red-legged frog”. On page 52 of the ROD it states “7. Within suitable habitat of the California red-legged frog, create, enhance, and protect existing habitat. The highest priority for creation and enhancement should be within 2 miles of existing populations”. Because the house has become a magnet for vandals and vagrant drug users who tend to leave human waste and copious amounts of domestic garbage inside and outside, the proposed action would help to prevent the spread of garbage and human waste directly into the habitat for the California red-legged frog, thus protecting the ACEC values.

## **2.0 Proposed Action and Alternatives**

### **2.1 Proposed Action**

The proposed action has three elements. 1). demolish and remove Spivey House including any and all appurtenances and debris associated with the occupancy or habitation of the property. Any depressions in the house pad resulting from foundation removal would be backfilled and compacted to a firm and stable condition using native material at the house pad. Only minor vegetation removal consisting of limb trimming along the driveways and removal of one 8-inch diameter incense-cedar next to the front door is anticipated. Generally, access by project equipment and personnel would be restricted to the main driveway to the house, with minor use of Inagahee Road. The stairs on the slope above Inagahee Road would be removed by hand crews with no mechanized equipment allowed in this area. The demolition work would be conducted during the dry season between April 15 and October 15. Weed-free straw would be spread on exposed soils upslope of Spivey Pond. See attached project drawings and specifications. 2). abandon the existing water supply well to full depth per El Dorado County requirements. See attached project drawings and specifications. 3). locate and remove the septic system. See attached project drawings and specifications. All appurtenances, debris, materials removed from the site would be taken to the dump for disposal.

### **2.2 Project Design Features**

All mechanized demolition and debris hauling equipment use would be restricted to the existing roads, driveways and house pad. All other demolition activity shall be done by hand and tool.

The stairs on the slope above Inagahee Road would be removed by hand crews with no mechanized equipment allowed in this area.

The demolition work would be conducted during the dry season between April 15 and October 15.

Weed-free straw would be spread on exposed soils upslope of Spivey Pond to help prevent erosion into the pond/Weber Creek.

Vehicles left on site overnight would be checked first thing in the morning for California red-legged frog prior to operation.

There are provisions for fueling, spills, and hazardous material incidents included in the project specifications (see attached document).

### **2.3 No Action**

Under the no action alternative, Spivey House (including the septic system and well) would remain in place, in its current state. The house would continue to be a magnet for vandals and transients including vagrant drug users. Domestic garbage, human waste, and other debris associated with vandalism and transient use would continue to accumulate in and around the

house. BLM would continue to invest in law enforcement patrols and other management measures to prevent and clean up after vagrant use. The accumulation of garbage and other debris associated with vandalism and vagrant use would continue to threaten the ACEC values/habitat for California red-legged frog.

## **2.4 Alternatives Considered but Eliminated from Detailed Analysis**

No other alternatives were considered.

## **3.0 Affected Environment**

**Soils** – The soils that are present in the proposed action area are classified as McCarthy cobbly loam, 9 to 50% slopes.

**Water quality** – The proposed action is located in the Webber Creek watershed. The proposed action site is within 100 feet of a 1-acre perennial pond, and just downstream of a ½-acre perennial pond. The ponds are fed by Webber Creek which is a perennial stream. Webber Creek is not a state listed 303d limited stream, or tributary to such a stream.

**Vegetation** – The plant community in the proposed action site is comprised mainly of mixed conifer. Woody species include incense cedar, ponderosa pine, black oak, and Douglas fir. Riparian vegetation around the ponds include willow, alders, and cattails. Several annuals are also present. Invasive/non-native species do not appear to be a substantial issue in the proposed action area. No special status species are known to occur in the proposed action area.

**Wildlife/Fish** – Rainbow trout are present in the creek and pond. Wildlife in the proposed action area include, red-winged blackbird, black phoebe, mallard, American robin, great-horned owl, raccoon, black bear, and other species that would typically inhabit these vegetation communities.

**Special status wildlife** – The Spivey Pond parcel consists of two ponds that contain a population of California red-legged frog. The California red-legged frog is listed as threatened under the Endangered Species Act by the U.S. Fish and Wildlife Service. The Spivey Pond population is one of only seven known breeding populations that occur in the Sierra Nevada. Based on survey data, it appears that the Spivey Pond population is fairly limited with no more than 9 individuals observed in any one survey. The exact number in the population is unknown.

**Area of Critical Environmental Concern (ACEC)** – The proposed action site is in the 54-acre Spivey Pond ACEC. The ACEC was designated in 2008 based on the presence of California red-legged frog and its habitat.

**Cultural/Native American issues**– No prehistoric resources or Native Americans traditional or religious use areas have been identified within the project area. The history of the Spivey House seems most relevant to the affected environment discussion. The house and the surrounding 54-acre property was owned by the Spivey family including Willard and Betty Spivey in 1971 to the late 1990s when it was purchased by the American River Conservancy (ARC) for the conservation of California red-legged frogs in Spivey Pond. ARC subsequently donated the

property to BLM. County records indicate that the house is the location of a “lodge” building associated with the Sierra Boys Ranch camp during the 1950s-1960s. The lodge building was extensively remodeled and converted into a house for the Spivey family around 1970. ARC digital photos in the BLM lands case file (CACA 40566) indicate that other buildings on the property associated with the Sierra Boys Ranch camp were removed by ARC during the late 1990s, prior to the time that the property was donated to BLM.

Recreation – There is little to no recreation use of the bigger pond. This minimal use may include non-motorized boating, fishing, and swimming.

Wetlands/riparian – There are two permanent ponds (one-acre and a ½-acre) and a stream that feeds both ponds.

#### **4.0 Environmental Effects**

The following critical elements have been considered for this environmental assessment, and unless specifically mentioned later in this EA, have been determined to be unaffected by the proposed action: air quality, essential fish habitat, prime/unique farmlands, floodplains, hazardous waste, wild and scenic rivers, wilderness, visual resources, and environmental justice.

#### **4.1 Impacts of the Proposed Action and Alternatives**

Soils – There is a substantial amount of vegetation on the slope below the house that would slow the erosion of any potential loose soil generated from the proposed action. Due to the vegetation this soil would settle and stay in place on the slope. Therefore, most, if not all of the loose soil from the proposed action would not end up in the pond. Another consideration is that where the concrete pad was would become dirt. This dirt should allow percolation of the water into the soil, versus sheeting off the current roof. With light rains, water would seep into the loose soils, overtime stabilizing the soils. Whatever soil does erode off the site would be slowed by vegetation on the slope, as well as Inagahee Road, and the vegetation between Inagahee Road and the pond. Weed-free straw would be spread on exposed soil further reducing the likelihood of soil erosion into the pond. Soil erosion impacts from the proposed action are negligible.

Water quality – In addition to the measures taken to reduce erosion of soils (discussed above), there are several provisions for fueling procedures and dealing with accidental spills and hazardous material incidents included in the specifications for this proposed action (see attached document). These specifications would reduce any potential issues with water quality. Decommissioning of the septic system may actually improve water quality, or at least reduce the chance of septic contamination of the ponds.

Vegetation – The proposed action calls for very little vegetation removal. The removal of one 8-inch incense-cedar next to the front door is the only anticipated removal of vegetation. The staging area is located in already cleared areas that are free of vegetation. Impacts of the proposed action to vegetation are negligible, and the proposed action is not expected to contribute to the spread of noxious invasive weeds.

Wildlife/fish – The proposed action would have no impacts on fish, and minimal impacts to wildlife. There may be some temporary displacement of wildlife due to noise and dust. Dust abatement is a specification of the proposed action, and should minimize this possible impact. The species present in the area are not particularly sensitive to noise, so impacts should be minimal.

Special status wildlife – BLM conducted informal consultation with the U.S. Fish and Wildlife Service (FWS) and received concurrence that the proposed action may affect but is not likely to adversely affect the California red-legged frog, a species listed as threatened by the FWS under the Endangered Species Act. BLM described certain provisions of the proposed action such as access being largely limited to the main driveway to the house and hand removal (no mechanized equipment) of the steps on the slope between the house and the pond. BLM also proposed the following conservation measures: demolition activities would occur during the dry season between April 15 and October 15; to reduce the potential for erosion, weed-free straw would be spread on exposed soils upslope of the pond; and vehicles left on site overnight would be checked for frogs prior to moving. The literature has documented that California red-legged frog can move into upland areas away from ponds and streams during the rainy season. The conservation measures were put in place to reduce the chance of impacting California red-legged frog during this period. The soil erosion measure was put in place to reduce exposure of California red-legged frog and its habitat from soil entering the pond. Direct mortality of California red-legged frog is reduced with the vehicle check before moving. Because the above conservation measures would be implemented, the majority of the work would occur in disturbed areas that frogs are unlikely to use, the proposed action would take two weeks to complete, and all debris would be removed from the site, the proposed action is not likely to adversely affect the California red-legged frog.

ACEC – Because the Spivey Pond ACEC was designated for protection of the California red-legged frog and its habitat, see above write-up under special status wildlife for impacts of the proposed action to ACEC values. In addition, the ACEC would benefit from the removal of garbage, drug paraphernalia, and human waste. Accumulations of such material could eventually end up in the pond impacting water quality and potentially California red-legged frog. Removal of the house would discourage future use by vandals and vagrant drug users, resulting in the absence of these potential contaminants from the area.

Cultural/Native American issues – The BLM archaeologist studied the area potentially affected by the proposed action to determine whether significant cultural resources would be affected. The study included a background records search and intensive field inventory. The study was designed to help BLM meet its obligations under Section 106 of the National Historic Preservation Act. The only cultural resource identified within the area of potential effects was Spivey House itself which, according to county records and other sources, is the location of the lodge building used by the Sierra Boys Ranch camp during the 1950s and 1960s. This lodge building was extensively remodeled during the 1970s. It was converted into a house for the Willard and Betty Spivey. The BLM archaeologist studied and evaluated the Spivey House and recommended that it is not a historically significant building. He concluded that the proposed action—demolition and removal of Spivey House (including the well and septic system) would

not affect significant cultural resources. He also concluded that no places of traditional religious or cultural significance to Native Americans would be affected by the proposed action.

Recreation – The minimal recreation activities in the pond may still occur during the proposed action. There would be no impacts to recreation.

Wetlands/Riparian – The proposed action would be occurring outside of the wetland/riparian area. No impacts to riparian/wetland vegetation would occur.

#### **4.2 Impacts of the No Action Alternative**

Soils – If the proposed action does not occur, loose soil would not be exposed to rainfall, and there would be no chance of erosion.

Water quality – With the no action alternative, the septic system would remain which could potentially expose the pond and the California red-legged frog to harmful contaminants.

Vegetation – With the no action alternative, the one 8-inch cedar next to the front door would not be removed.

Wildlife/fish – With the no action alternative, temporary noise and dust impacts would not occur.

Special status species – With the no action alternative, the house would remain in place. This house is attracting vandals and vagrant drug users. The vagrants are causing not only a public safety nuisance, but have also left copious amounts of domestic trash and vandalized a water tank put in place to assist in protecting homes should a wild fire occur. If they reoccupy the cabin, they could potentially cause impacts to the frogs and their habitat. For example, the transients could cause a fire which would be destructive to the frogs and their habitat. Another example would be hazardous materials in the discarded garbage. These materials could potentially make their way to the pond, and impact the frogs and their habitat.

ACEC – Because the Spivey Pond ACEC was designated for protection of the California red-legged frog and its habitat, see above write-up under special status wildlife for impacts of the no action alternative to ACEC values.

Cultural/Native American issues – Under the no action alternative, there would be no negative effects to cultural resources within the area of potential effects.

Recreation – There is little to no recreation occurring at the pond. However, the recreationists that do use the pond may feel safer without the prospect of a vagrant drug user from the cabin paying them a visit. With the no action alternative, this element may return to reoccupy the cabin and possibly harass recreationists in the area.

Wetlands/riparian – Same as proposed action.

### 4.3 Cumulative Impacts

Because no site-specific adverse impacts are expected for any resources (described above), cumulative impacts at the larger watershed or California red-legged frog critical habitat scale are not anticipated under the proposed action. On the other hand, not demolishing Spivey House as proposed under the no action alternative could have negative consequences for conservation of this federally threatened frog. Very few populations of this species have been found in the Sierra Nevada region of California. The loss or degradation of any one of them is cumulatively not good for the survival of this species. We cannot take any risks. The 54-acre property was designated by BLM as an ACEC specifically to conserve a population of California red-legged frogs in Spivey Pond. Ongoing vandalism and transient use of Spivey House—and the debris, domestic garbage, human waste, and drug paraphernalia associated with this use—is threatening the ACEC value and cannot be allowed to continue.

### 5.0 Agencies and Persons Consulted

U.S. Fish and Wildlife Service, Sacramento Field Office

#### 5.1 BLM Interdisciplinary Team

Reviewers:

*/s/ James Barnes* 9-2-10

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NEPA coordinator/Cultural

*/s/ Albert Franklin* 9-2-10

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Botany

*/s/ Peggy Cranston* 9-2-10

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Wildlife

*/s/ Jeff Babcock* 9-2-10

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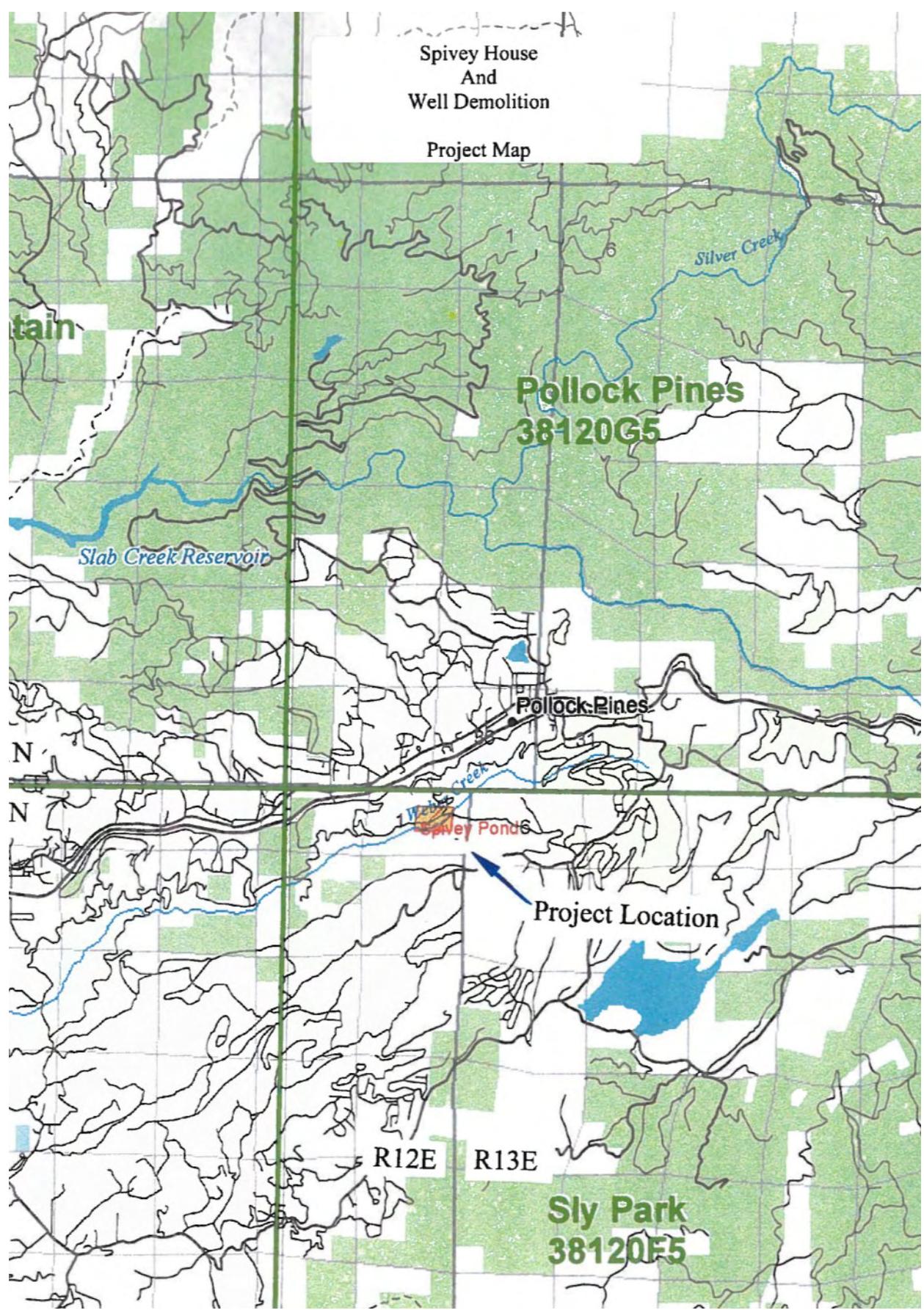
Engineer/project manager

#### 5.2 Availability of Document and Comment Procedures

This EA, posted on Mother Lode Field Office’s website ([www.blm.gov/ca/motherlode](http://www.blm.gov/ca/motherlode)) under Information, NEPA (or available upon request), will be available for a 15-day public review period. Comments should be sent to the Mother Lode Field Office, 5152 Hillside Circle, El Dorado Hills, CA 95762 or emailed to us at [jjbarnes@blm.gov](mailto:jjbarnes@blm.gov)

Spivey House  
And  
Well Demolition

Project Map



**Pollock Pines**  
**38120G5**

*Slab Creek Reservoir*

*Silver Creek*

**Pollock Pines**

**Spivey Ponds**

**Project Location**

R12E

R13E

**Sly Park**  
**38120E5**

N

N

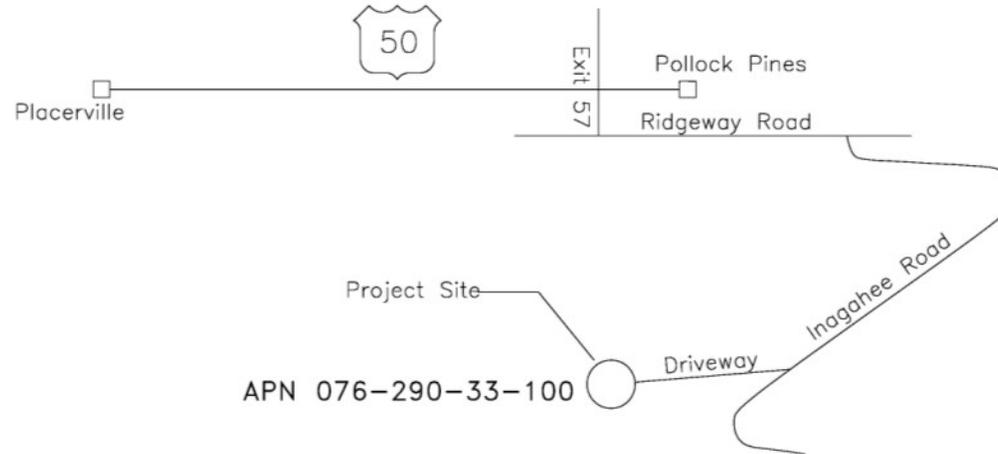
DRAWING INDEX

SPIVEY HOUSE AND WELL DEMOLITION

LLCAC08000-01009-1      LOCATION MAP  
GENERAL SITE PLAN



UNITED STATES DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT  
 SPIVEY HOUSE AND WELL DEMOLITION  
 MOTHER LODE FIELD OFFICE  
 CALIFORNIA



AREA REFERENCE MAP

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	INTERSTATE HIGHWAY	★	STATE CAPITOL
	U.S. HIGHWAY	◆	BLM STATE OFFICE
	STATE HIGHWAY	•	BLM DISTRICT OFFICE

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
LOCATION MAP	
DRAWN JJB	SCALE NONE
DATE June 09, 2010	SHEET 01 OF 02 TOTAL

**DEMOLITION NOTES (DN)**

ITEMS DESIGNATED FOR DEMOLITION THAT ARE OUTSIDE THE LIMITS OF DEMOLITION LINE WILL BE INDIVIDUALLY NOTED ON THE DRAWING (RFD- REMOVE FOR DISPOSAL).

DN1: RFD HOUSE, FOUNDATION AND CONCRETE SLAB.

DN2: RFD EXISTING STAIRS INCLUDING ALL RAILING, BRACING, TREADS AND CONCRETE STEPS.

DN3: LOCATE AND RFD SEPTIC TANK PER EL DORADO COUNTY REQUIREMENTS. LOCATION IS UNKNOWN. ONCE LOCATED, ALLOW SUFFICIENT TIME FOR GOVERNMENT TO RECORD LOCATION OF TANK.

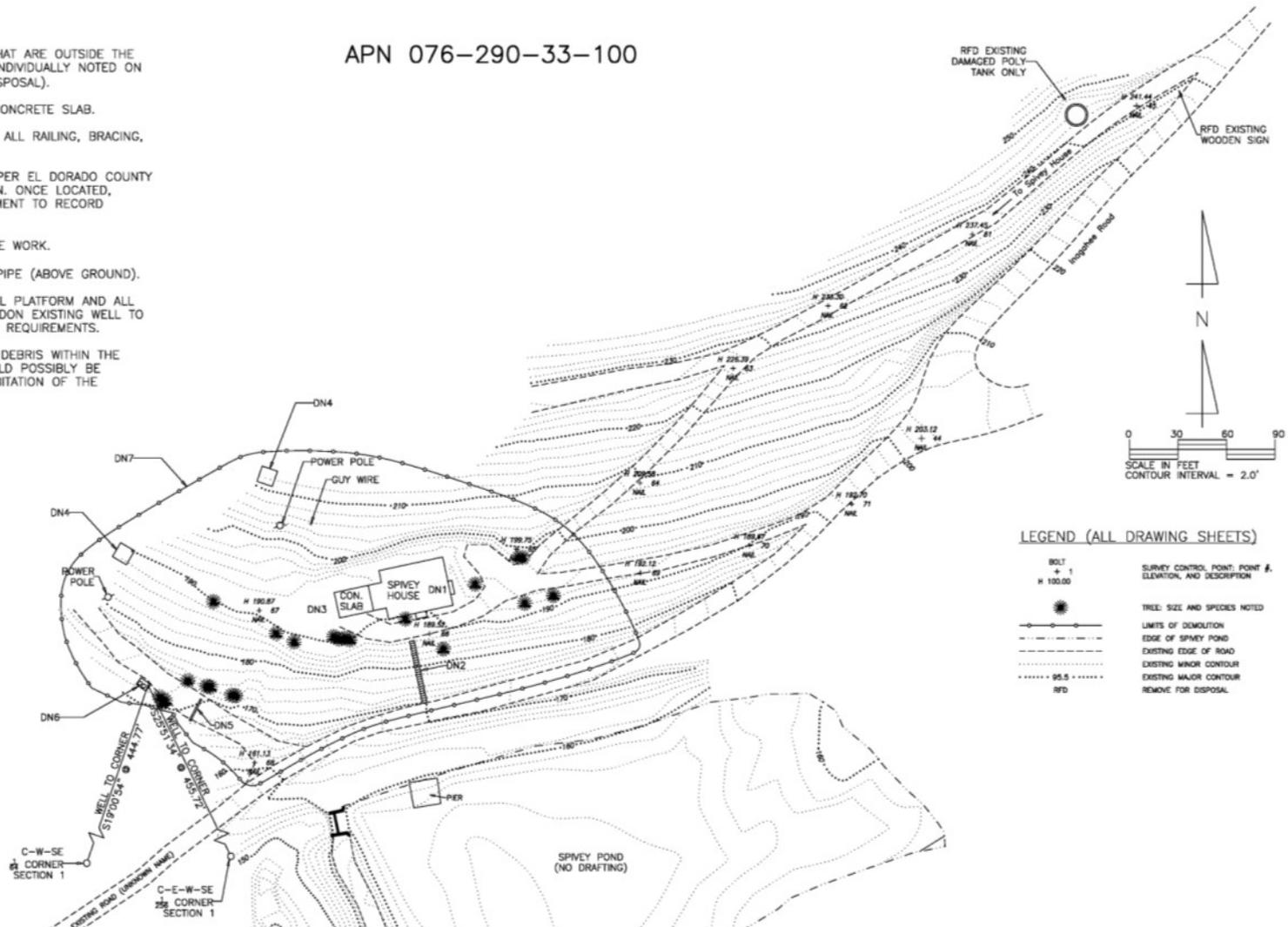
DN4: RFD +/-10'x10' WOODEN FRAME WORK.

DN5: RFD 12-INCH DIAMETER STEEL PIPE (ABOVE GROUND).

DN6: RFD EXISTING WELL HOUSE, WELL PLATFORM AND ALL WELL RELATED APPURTENANCES. ABANDON EXISTING WELL TO FULL DEPTH PER EL DORADO COUNTY REQUIREMENTS.

DN7: IN GENERAL, RFD ANY AND ALL DEBRIS WITHIN THE LIMITS OF DEMOLITION LINE THAT COULD POSSIBLY BE ASSOCIATED WITH OCCUPANCY OR HABITATION OF THE PROPERTY.

APN 076-290-33-100



**LEGEND (ALL DRAWING SHEETS)**

- BOLT + 1
- H 100.00
- TREE: SIZE AND SPECIES NOTED
- LIMITS OF DEMOLITION
- EDGE OF SPIVEY POND
- EXISTING EDGE OF ROAD
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- RFD
- SURVEY CONTROL POINT: POINT #, ELEVATION, AND DESCRIPTION

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
MOTHER LODE FIELD OFFICE

SPIVEY HOUSE AND  
WELL DEMOLITION

General Site Plan

DRAWN BY: JB	SCALE: SEE BAR SCALE
DATE: JUNE 09, 2010	SHEET 2 OF 2 TOTAL
DRAWING NO. LLCAC08000-01009-1	

## SPECIFICATION INDEX

### Spivey House and Well Demolition

Section 01009	General Information and Requirements
Section 01505	Mobilization
Section 02051	Site Demolition
Section 02520	Water Supply Well Abandonment

## SECTION 02051 – SITE DEMOLITION

### PART 1: GENERAL

#### 1.01 SUMMARY

- A. Section Includes: Provide all labor, equipment, materials and related items necessary to accomplish the following:
1. Demolish and remove for disposal the following items on Government lands, but not limited to:
    - a. 1008 square foot cabin and associated appurtenances including concrete footing, pads, and patios.
    - b. Any and all appurtenances, debris, and trash associated with the cabin site.
    - c. Wooden stairway leading from cabin to the road.
    - d. Sewer septic tank and distribution piping from cabin to the tank.
  2. Backfill cavities resulting from demolition.

#### 1.02 PROJECT/SITE CONDITIONS

- A. Work Limits: The work limits shall be defined as those Government lands within a 300 foot radius of the nearest wooden frame structure designated for demolition and disposal.
- B. Environmental Considerations: Use means necessary to prevent dust becoming a nuisance to the public, to neighbors and to other work being performed on the site. Drafting water from Spivey Pond is prohibited.
- C. Utility Services: Electrical power supply has been disconnected from the site.

### PART 2: PRODUCTS

(There are no applicable requirements.)

### PART 3: EXECUTION

#### 3.01 PREPARATION

- A. Verification of Conditions: A Site Inspection for the purposes of verification of conditions will be scheduled by the Contracting Officer.
- B. Permits: Contractor is required to secure, pay the costs, and meet the requirements of all permits associated with the work under this contract. Contractor shall contact the El Dorado County Building and Environmental Management Departments for information about permitting. Both Departments are located at 2850 Fairlane Court, Building C, Placerville, CA 95667.

#### 3.02 DEMOLITION

## SECTION 01009 - GENERAL INFORMATION AND REQUIREMENTS

### PART 1: GENERAL

#### 1.01 SUMMARY:

- A. Description of Work: Furnishing labor, equipment, supplies, and materials, to (1) Demolish an existing 1008 square foot cabin and associated appurtenances including concrete footings, pads, and patios, (2) Demolish an existing sewer septic tank and piping leading from tank to cabin, (3) Abandon an existing water supply well and associated appurtenances including the well platform, and (4) Backfill and compact all voids and depressions resulting from demolition work.
- B. Location: Work under this Contract is located in El Dorado County, 3981 Inagahee Road, Pollock Pines, CA.

#### 1.02 REFERENCES:

- A. Referenced Specifications/Standards with Abbreviations and/or Acronyms: Wherever the following acronyms are used in these specifications or on the drawings, they are to be constructed the same as the respective expressions represented. Copies of the referenced specifications/standards referred to herein may be procured by the Contractor, from the following:

ACI      American Concrete Institute  
          P.O. Box 19150, Redford Station  
          Detroit, MI 48219

304R-89      Guide for Measuring, Transporting, and Placing Concrete  
305R-89      Hot Weather Concreting (Revised 1982)  
306R-88      Cold Weather Concreting

ASTM      American Society for Testing and Materials  
          100 Barr Harbor Dr.  
          West Conshohocken PA 19428-2959

C 150-95      Portland Cement

CFR      Code of Federal Regulations (Available from the Government Printing Office)  
          N. Capitol Street between G and H St., NW  
          Washington, DC 20402

EPA      Environmental Protection Agency  
          401 M Street, SW

Washington, DC 20460

OSHA Occupational Safety and Health Administration's Standards  
U.S. Department of Labor  
Occupational Safety and Health Administration  
Denver Area Office  
333 West Colfax Avenue  
Denver, CO 80204

OSHA 2207-91 Construction Industry

\*Federal Specifications, Federal Standards, Federal Supply Schedules, and catalogs may be obtained at Business Service Centers of Regional Offices of the General Services Administration. (Washington, DC; Boston, MA; New York, NY; Philadelphia, PA; Atlanta, GA; Chicago, IL; Kansas City, MO; Fort Worth, TX; Denver, CO; San Francisco, CA; and Auburn, WA.)

#### 1.03 DEFINITIONS:

- A. Approvals: Approval of the submittals is an indication that the Contractor's submittals have been reviewed and that there are no objections, except as noted. Approval of deviations shall apply only to those deviations or omissions from the requirements of the drawings and specifications brought to the Contracting Officer's attention in writing. After approval of an item, the Contractor may submit a substitute for approval when the approved item cannot be purchased or delivered in time to avoid delay in completion of the project.

#### 1.04 SUBMITTALS:

- A. Scope: Submittals include design computations, shop drawings, manufacturers' literature, as-built drawings, permits, maintenance manuals, and samples.
- B. Requirements: Refer to the specifications for submittals required. Allow at least 10 working days for review. Submittals shall be delivered to the Contracting Officer's Technical Representative (COTR).
- C. Identification of Submittals: Completely identify each submittal by showing at least the following information:
1. Name and address of submitter, plus name and telephone number of the individual to contact for further information.
  2. Name of project as it appears in these specifications.
  3. Contract number, drawing number, and specification section number to which the submittal applies.
  4. Whether this is an original submittal or re-submittal.

5. Each item shall clearly note the manufacturer's name and address, trade name, product, lot, style, color, catalog designation or model number, and locations of use.
- D. Required Submittals: The following is a list of, but not limited to, the minimum required submittals.
1. Section 01009 – General Information and Requirements
    - a. Work Schedule
    - b. As-Built Drawings
    - c. Permits
      - i. Grading/Demolition
      - ii. Sewer Demolition
      - iii. Well Abandonment

1.05 CERTIFICATES OF CONFORMANCE:

- A. Requirements: The Contracting Officer may permit use, prior to sampling and testing, of materials when accompanied by Certificates of Conformance. Materials used on the basis of a Certificate of Conformance may be sampled and tested. Installation of materials on the basis of Certificates of Conformance shall not relieve the Contractor of responsibility for incorporating materials, which conform to the requirements of the drawings and specifications. Material not conforming to those requirements will be subject to rejection, whether in place or not. Refer to the specifications for certificates required. Allow at least 10 working days for review. Certificates shall be delivered to the Contracting Officer's Technical Representative (COTR).
- B. Format: The form of the Certificate of Conformance provided by the supplier shall be as follows:
1. The certificate shall state that the named product conforms to the Contract requirements.
  2. The certificate shall either be accompanied with a certified copy of the test results, or certify that such test results are on file with the manufacturer and will be furnished to the Contracting Officer upon request.
  3. The certificate shall provide the name and address of the manufacturer, the testing agency and the date of tests.
  4. The certificate shall set forth the means of identification, which will permit field determination of the product delivered as being the product covered by the certification.
- C. Required Certificates of Conformance: The following is a list of, but not limited to, the minimum required certificates of conformance.
1. Section 02520 – Water Supply Well Abandonment

a. Well Sealing Material

1.06 QUALITY ASSURANCE:

- A. Codes and Standards: The work shall comply with codes and standards applicable to each type of work and as listed in the individual sections of these specifications. This Contract incorporates materials, applications, and tests by reference, with the same force and effect as when they were given in full text.
- B. Conflict: Where a conflict occurs between reference documents and project specifications, the project specifications shall govern.
- C. Measurements: Where approved manufacturer's diagrams and shop drawings give specific measurements or rough-in dimensions for equipment, these dimensions shall take precedence over dimensions indicated on the drawings.
- D. Equipment: Prior to ordering equipment, verify dimensions, functions, and electrical service requirements of equipment proposed for use. Be certain the equipment is compatible with the structural and architectural features of the work, avoids conflicts with equipment of other crafts, and that it will fit in the space provided.

1.07 DELIVERY, STORAGE, AND HANDLING:

- A. Delivery: The Contractor shall protect products incorporated into the work from damage while in transit to the site. Products must be delivered in original unopened containers with manufacturer's name, brand designation, and contents legibly indicated. The containers shall bear the referenced specification number, type and class as applicable.
- B. Storage: The Contractor shall provide temporary storage facilities for products. Storage shall comply with the manufacturer's instructions. The storage area shall permit access for inspection and handling.
- C. Handling: The Contractor shall load and unload products in such a manner that protects them from damage.

1.08 PROJECT/SITE CONDITIONS:

- A. Access to the Work: Access is from east bound US Hwy 50 and take the first Pollock Pines exit (Exit #57). Turn right at the end of the off ramp and travel 50' to Ridgeway Rd. Turn left on Ridgeway and travel east +/- 0.8 mile to Inagahee Rd. Turn right on Inagahee Rd and travel +/- 0.9 miles along a dirt/gravel road to the site..
- B. Environmental Considerations:

1. General: No hazardous materials shall be stored or disposed of on-site. Fuel, oil, grease shall not be stored on-site. The contractor shall utilize off-site facilities for fueling, storage, and maintenance whenever possible. The Contractor shall train employees and sub-contractors in proper fueling and cleanup procedures.
  2. Fuel Transfer and Equipment Maintenance/Storage: With prior Contracting Officer's approval, the Contractor may designate an on-site fueling and equipment maintenance/storage location. The fueling and equipment maintenance/storage location shall be located away from drainage courses to prevent the run-on of storm water and the runoff of spills. The Contractor shall use secondary containment, such as a drain pan or drop cloth, when fueling and maintaining equipment.
  3. Spills: The Contractor shall prevent or reduce the discharge of pollutants to the environment by reducing the chance of spills through safe operating practices, maintaining equipment, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees. In the event of a spill, the Contractor shall excavate the impacted areas to a depth of 12-inches beyond the contaminated materials and backfill with approved material. The excavated contaminated material shall then be disposed of at a certified hazardous waste facility.
  4. Sensitive Species: **All on site work for this project shall begin and end between 04/15 and 10/15 of the same calendar year.**
- C. Archaeological and Paleontological Resources: Should any archaeological resources, Paleontological resources, or human skeletal remains be discovered during construction activities, the Contractor shall stop construction activities immediately and notify the Contracting Officer. The Contracting Officer will issue a stop work order to allow a qualified Bureau of Land Management representative to determine if recovery of these resources is required. Construction activities shall not continue until the Contractor has received a notice to proceed from the Contracting Officer.
- D. Vandalism: Contractor is responsible for the protection of his equipment as well as project materials.
- E. Sanitation: Contractor shall supply and service adequate sanitary facilities for employees and Government Contract Administration Staff throughout the duration of the contract.

#### 1.09 SEQUENCING AND SCHEDULING:

- A. Work Schedule: The schedule shall be submitted at the pre-work conference. When requested, the Contractor shall submit an updated schedule within 3 calendar days. The exact start date of on-site construction and estimated completion dates of each phase of the contract shall be shown in the work schedule. Contractor shall choose to work (4) ten-hour days, Monday through Thursday, or (5) eight-hour days, Monday through Friday, and shall so indicate on the work schedule.

## PART 2: PRODUCTS

(There are no applicable requirements.)

### PART 3: EXECUTION

#### 3.01 PROJECT MEETINGS:

##### A. Pre-Work Conference:

1. A pre-work conference will be held prior to the start of work. The Contractor will be notified in advance of meeting time, date and place. The purpose will be to review required work, project drawings and specifications, construction schedules, payroll and payments, and administrative provisions of the Contract.
2. The Contractor, subcontractors and the persons responsible for coordination of the work shall be present at the meeting.
3. The Contractor shall be prepared to summarize and explain procedures planned for the project and present the submittals requested in the specifications.

##### B. Progress Meetings:

1. Meetings shall be held at the project site, or as determined by the Contracting Officer
2. Meetings may be called by either the Contracting Officer or the Contractor. Request shall state who should attend and include an agenda.

##### C. Final Inspection:

1. Meeting shall be held at the project site, or as determined by the Contracting Officer.
2. The Contractor shall notify the Contracting Officer in writing at least 3 working days before the completion date so the Government can schedule final inspection.
3. The Contractor shall require the superintendent to be present during this inspection.

#### 3.02 PREPARATION:

A. Work Limits and Control Points: Will be staked and established by the Contracting Officer.

B. Permits: Contractor is required to secure, pay the costs, and meet the requirements of all permits associated with the work under this contract. Contractor shall contact the El Dorado County Building and Environmental Management Departments for information about permitting. Both Departments are located at 2850 Fairlane Court, Building C, Placerville, CA 95667.

#### 3.03 DISPOSAL OF DEBRIS:

A. Requirements: The Contractor shall be responsible for disposal of debris materials in a

legal manner and for payment of any disposal fees required. The Contractor shall comply with all applicable federal, state, and local regulations, laws, and ordinances concerning removal, handling, and protection against exposure or environmental pollution.

3.04 WARRANTY:

A. Requirements: Materials and equipment furnished under this Contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such materials or equipment. The rights or remedies provided herein are in addition to and do not limit any rights afforded to the Government by any other clause of this Contract. With respect to all warranties, expressed or implied, from manufacturers or suppliers for materials or equipment furnished under the Contract the Contractor shall:

1. Obtain all warranties that would be given in normal commercial practices.
2. Require all warranties to be executed, in writing, for the benefit of the Government
3. Submit all warranties to the Contracting Officer prior to the final inspection.

PART 4: MEASUREMENT AND PAYMENT

4.01 METHOD OF MEASUREMENT

A. Units: The work in this section will be measured and paid for on a lump sum basis.

4.02 BASIS OF PAYMENT

A. Payment: Prices and payment will be full compensation for the work described in this section. Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
00010            01009(01) Demolition and Well Abandonment	Lump Sum

END OF SECTION

## SECTION 02051 – SITE DEMOLITION

### PART 1: GENERAL

#### 1.01 SUMMARY

- A. Section Includes: Provide all labor, equipment, materials and related items necessary to accomplish the following:
1. Demolish and remove for disposal the following items on Government lands, but not limited to:
    - a. 1008 square foot cabin and associated appurtenances including concrete footings, pads, and patios.
    - b. Any and all appurtenances, debris, and trash associated with the occupation and habitation of the property.
    - c. Wooden stairway leading from cabin to the road.
    - d. Sewer septic tank and distribution piping from cabin to the tank.
  2. Backfill cavities resulting from demolition.

#### 1.02 PROJECT/SITE CONDITIONS

- A. Work Limits: The work limits shall be shown on the drawings.
- B. Environmental Considerations: Use means necessary to prevent dust becoming a nuisance to the public, to neighbors and to other work being performed on the site. Drafting water from Spivey Pond is prohibited.
- C. Utility Services: Electrical power supply has been disconnected from the site.

### PART 2: PRODUCTS

(There are no applicable requirements.)

### PART 3: EXECUTION

#### 3.01 PREPARATION

- A. Verification of Conditions: A Site Inspection for the purposes of verification of conditions will be scheduled by the Contracting Officer.
- B. Permits: Contractor is required to secure, pay the costs, and meet the requirements of all permits associated with the work under this contract. Contractor shall contact the El Dorado County Building and Environmental Management Departments for information about permitting. Both Departments are located at 2850 Fairlane Court, Building C, Placerville, CA 95667.

#### 3.02 DEMOLITION

- A. Explosives: The use of explosive is not permitted.
- B. Equipment: Contractor shall use demolition equipment of a size and style compatible with the terrain and site conditions.
  - 1. Mechanized Equipment: All mechanized equipment used in demolition or to haul debris shall operate only on existing roads, driveways and the house pad. All other work shall be hand and tool demolition.
- C. Debris Storage: Stockpiled debris not removed from the site on a daily basis shall be stored in appropriate containers so as not to be subject to winds distributing material off site.
- D. Debris Disposal: Debris generated as a result of work on this project shall be disposed of off site by any legal means.
- E. Backfilling of Cavities: Backfill all cavities resulting from demolition work with adjacent soil material. Blend and shape backfill material to match adjacent contours. Compact the backfill material to a firm and stable condition. Demolition debris shall not be used for backfill material.
- F. Post Demolition Watering: Upon completion of demolition and backfill work, Contractor shall execute a final watering of all areas used by mechanized equipment.

END OF SECTION

## SECTION 02520 - WATER SUPPLY WELL ABANDONMENT

### PART 1: GENERAL

#### 1.01 SUMMARY

A. Section Includes: Furnishing labor, equipment, supplies, and materials, to abandon an existing water supply well of unknown depth and associated appurtenances.

B. Related Sections:

General Information and Requirements

Section 01009

#### 1.02 SUBMITTALS

A. General: Submittals shall be according to Section 01009 - General Information and Requirements.

1. Provide 3 copies of all permits and documentation required by El Dorado County and the State of California for this project.
2. Provide 3 copies of the required well sealing material mix.

#### 1.03 QUALITY ASSURANCE

A. Regulatory Requirements: Contractor shall perform work under this contract in accordance with all El Dorado County requirements related to well abandonment, including direction in the field by all El Dorado County field inspectors.

B. Contractor License: Contractor must have current and valid C-57 licensing to perform the work as required by El Dorado County.

C. Permits: Contractor is required to secure, pay the costs, and meet the requirements of all permits associated with the work under this contract. Contractor shall contact the El Dorado County Building and Environmental Management Departments for information about permitting. Both Departments are located at 2850 Fairlane Court, Building C, Placerville, CA 95667.

### PART 2: PRODUCTS

#### 2.01 MATERIALS

A. Well Sealing Material: Shall be per El Dorado County requirements.

## PART 3: EXECUTION

### 3.01 PREPARATION

- A. Removal of Obstructions: Contractor shall remove for disposal all obstructions within the well casing per El Dorado County requirements including pump, drop pipe, pressure tank, electrical conductors, well cap, well house, and any other obstruction that would interfere with sealing the well.
- B. Well Platform: Contractor shall remove for disposal existing well platform.

### 3.02 ABANDONMENT OF THE WELL

- A. Casing: Excavate around the well casing a minimum of one foot in diameter larger than the original drilled hole and to a depth of 5 feet. Cut of well casing six inches above bottom of excavation and remove for disposal.
- B. Sealing Well: Place sealing material into well per El Dorado County requirements allowing material to spill over cut section of casing to form a cap. Sealing of the well shall be performed as described by El Dorado County. This method shall include full depth (depth unknown) sealing of the well.
- C. Backfilling of Excavation: After sealing material has set, backfill the excavation with native material and compact to a firm and stable condition.

### 3.03 CLEANUP

- A. Requirements: Upon completion of the well abandonment and other incidentals, remove for disposal all debris and materials resulting from the work on the jobsite.

END OF SECTION