

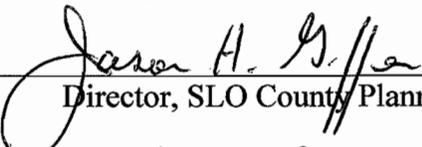
Condition 68**Worker Education Program**

A worker education program and clearly defined operations procedures shall be prepared prior to project construction. The worker education program and operations procedures shall be implemented by the County throughout the duration of construction. A biologist approved by the USFWS shall be retained to provide construction personnel specific instruction on general detection and avoidance of sensitive resources during construction. The worker education program shall include: descriptions and pictures of listed species; the provisions of the Endangered Species Act; those specific measures being implemented to avoid and minimize take or impacts to listed or otherwise sensitive species (e.g. conserve listed and sensitive species as they relate to the project); and the project boundaries within which the work will occur.

Evidence of compliance:

Part 3.01 of Section 01561 of the General Requirements and Technical Specifications for the Project requires pre-construction biological training for all construction personnel (attached). Worker training will be presented by County Public Works Department Environmental staff, or by qualified biologists under contract to the County. An outline of the worker education program is attached.

Condition Satisfied



Director, SLO County Planning

MAY 2, 2012

Date

SECTION 01561

BIOLOGICAL AND CULTURAL RESOURCES ENVIRONMENTAL CONTROLS

PART 1 GENERAL

1.01 BIOLOGICAL RESOURCES

- A. The CONTRACTOR shall conform to the Conditions of Approval for the California Coastal Commission, Coastal Development Permit CDP A-3-SLO-09-055/069 (appended to these Specifications). The CONTRACTOR's attention is also directed to the Final Environmental Impact Report (EIR) for the Los Osos Wastewater Project Report dated March 2009 (EIR is located at http://www.slocounty.ca.gov/PW/LOWWP/DOCS/Environmental_Documents/Final_EIR_1_0.htm).
- B. The CONTRACTOR shall conform to the applicable requirements of the Federal Endangered Species Act and California Environmental Species Act as it relates to the protection of threatened and endangered species and special status species, see Biological Opinion (appended to these Specifications)
- C. The CONTRACTOR's onsite personnel shall participate in an environmental awareness training session provided by OWNER's Environmental Monitor and adhere to guidelines and directions provided in the session.
- D. The CONTRACTOR's attention is directed to Environmental Resource Drawings included in Contract Drawings, General Drawings for locations of sensitive biological resources within the Project area.
- E. The CONTRACTOR shall adhere to OWNER protocol concerning Special-Status Species outlined in Part 3 Section 3.01.
- F. The CONTRACTOR shall identify a Project Liaison to consult with OWNER's Environmental Monitors during construction.

1.02 CULTURAL RESOURCES

- A. The CONTRACTOR shall conform to the applicable requirements of the National Historic Preservation Act of 1966 (16 U.S.C. 470) and 36 CFR 800, which provides for the preservation of potential historical architectural, archaeological, or cultural resources (hereinafter called "cultural resources").
- B. The CONTRACTOR shall conform to the applicable requirements of Historic Resources Evaluation and Treatment Plan prepared by Far Western Anthropological Research Group Inc., March 2010 (available prior to construction) by the State Historic Preservation Office (Condition 28).
- C. The CONTRACTOR shall conform to the applicable requirements of the National Historic Preservation Act of 1966 as it relates to the preservation of cultural resources. The entire Project Area as described in the Cultural Resources Treatment Plan shall be considered an area

as many Morro shouldered snails as practicable from any area of proposed disturbance.
(Condition 63)

- H. CONTROL OF INVASIVE EXOTIC PLANTS. To control introduction of invasive exotic plants on site, the CONTRACTOR shall implement the following measures during construction and incorporate into the design guidelines of the proposed percolation fields, as appropriate.
1. Use only clean fill material (free of weed seeds) within the construction zone of the proposed project.
 2. Thoroughly clean all construction equipment prior to being moved onto and used at the site.
 3. Prohibit planting or seeding of disturbed areas with nonnative plant species.
 4. Control the establishment of invasive exotic weeds in all disturbed areas. Remove existing stands of invasive exotic plants, including but not limited to veldt grass, pampas grass and ice plants, in order to limit their spread.. (Condition 81)

I. WORKER EDUCATION PROGRAM. The OWNER's Environmental Monitor shall provide construction personnel specific instruction on general detection and avoidance of sensitive resources during construction. The worker education program shall include: descriptions and pictures of listed species; the provisions of the Endangered Species Act; those specific measures being implemented to avoid and minimize take or impacts to listed or otherwise sensitive species (e.g. conserve listed and sensitive species as they relate to the project); and the project boundaries within which the work will occur. (Condition 68)

- J. LOS OSOS CREEK ENVIRONMENTAL REQUIREMENTS. All construction activities across Los Osos Creek shall be restricted to low-flow periods of June 15 through November 1. Construction work must be conducted when Los Osos Creek is dry, and can occur as early as June 1. Restricting construction activities to this work window will minimize impacts to migrating adult and smolt steelhead, if present. The OWNER's Environmental Monitor shall be on site during all stream crossing activities associated with Los Osos Creek. The OWNER's Environmental Monitor will be authorized to halt construction if impacts to steelhead are evident. Prior to construction, a spill prevention plan for potentially hazardous materials shall be prepared by the CONTRACTOR and implemented. The plan shall include the proper handling and storage of all potentially hazardous materials, as well as the proper procedures for cleaning up and reporting of any spills. If necessary, containment berms shall be constructed to prevent spilled materials from reaching the creek channel. CONTRACTOR to provide specific construction methodology to ENGINEER for permit evaluation. Allow up to six (6) months for OWNER to obtain environmental permits.

Prior to construction, silt fencing shall be installed in all areas where construction occurs within 100 feet of known or potential steelhead habitat. All silt fencing, erosion control and landscaping specifications shall only include natural fiber, biodegradable products for meshes and coir rolls to minimize impacts to species and the environment during use.

During construction, spoil sites shall be restricted to upland locations so they do not drain directly into Los Osos Creek. If a spoil site drains into a water body, catch basins shall be constructed to intercept sediment before it reaches the channels. If required, spoil sites shall be graded to reduce the potential for erosion.

LOWWP

Worker Education Program – Outline

Air Quality

Review dust control measures:

- Reduce amount of disturbed area where possible
- Use water trucks or sprinklers to prevent airborne dust leaving site
- Spray dirt stockpile areas as needed
- Implement permanent dust control measures as soon as possible
- Sow exposed ground areas with native grass seed and water to establish
- Stabilize other disturbed soil areas using approved methods
- Pave roadways, driveways, sidewalks, etc. as soon as possible
- Construction vehicle speed limit 15 mph on unpaved surfaces
- Cover all trucks hauling dirt, sand, soil, or other loose materials or maintain adequate freeboard
- Install wheel washers or wash off trucks and equipment leaving site
- Sweep streets if visible soil material is carried onto paved roads
- If visible dust persists, implement measures to eliminate potential nuisance conditions
- Contractor will designate a monitor for the dust control program and to order increased watering, as necessary, to prevent transport of dust offsite

Biological Resources

Morro shoulderband snail (MSS)

Training will be presented by a Service-approved biologist with experience in the identification of Morro shoulderband snail and its habitat and will include:

- Natural history, including description and photos
- Listing status
- Legal protections under the Endangered Species Act
- Penalties for violations
- Specific measures being implemented to protect MSS
- Description of monitoring biologist's duties
 - Will monitor all construction activities within suitable MSS habitat
 - Daily monitoring until completion of initial disturbance at each construction area
 - Chain-of-command for operational activities in MSS habitat
 - Full authority to stop work at his or her discretion
 - Implement avoidance and minimization measures during construction
 - Stop work if project-related activities occur outside the demarcated boundaries of the construction footprint

- Stop work if MSS are detected within proposed construction footprint, and relocate to suitable habitat prior to construction activities resuming

California red-legged frog (CRLF)

Training will include:

- Natural history
- Listing status
- Legal protections
- Penalties for violations
- General project measures being implemented to conserve CRLF
- Boundaries within which the project may be accomplished
- Proper management of trash that may attract predators
- Procedures for fueling and maintenance and staging areas to prevent contamination of habitat
- Know spill response plan and have materials readily available
- Monitoring biologist duties:
 - Will be present at active work sites until initial survey for CRLF, instruction of workers, and (upland) habitat disturbance are complete
 - After this time, contractor or County will designate a qualified person to monitor on-site compliance. The USFWS-approved biologist shall ensure this individual receives appropriate training as to identification of frogs, potential hazards to CRLF, inappropriate and allowable work activities, and contacts for immediate, professional biological support.

Measures to limit introduction of invasive exotic plants:

Training will include:

- Use only clean fill material (free of weed seeds)
- Thoroughly clean all construction equipment in advance
- No seeding of disturbed areas with nonnative plant species

Cultural Resources

Training will include:

- General description of potential artifacts that may be encountered, archaeological site characteristics and possibility of encountering human remains
- What to do if cultural materials are encountered
- Duties of cultural resource monitors/Native American observers

Noise

Review attenuation requirements:

- Generally, construction limited to between 7 a.m. to 9 p.m. Monday thru Friday and 8 a.m. to 5 p.m. on Saturday and Sunday
- Construction in vicinity of schools should be scheduled for times when classes not in session
- Construction equipment will use noise-reduction features no less effective than those originally installed by manufacturer
- Construction noise will be monitored to insure noise is compliant with the emission standards listed in the EIR
- Establish measures to minimize back-up alarm issues
- Construction staging and heavy equipment maintenance will be performed a minimum of 300 feet from nearest residence
- Stationary equipment such as pumps or generators near any noise sensitive receptor will, if necessary, be shielded with a noise protection barrier

Paleontological Resources

Training will include:

- Description of potential resources
- What to do if fossils are encountered