State of California 2019068033

Governor's Office of Emergency Services (Cal OES)

NOTICE OF EXEMPTION

TO: Office of Planning and Research
1400 Tenth Street
Sacramento, CA 95814

FROM: Office of Emergency Services
3650 Schriever Ave
Mather, CA 95655

PROJECT TITLE: New Seismic Monitoring Station Installation **COUNTY:** Fresno

PROJECT APPLICANT: U.S. Geological Survey (CEEWS Project #: 6087-6)

PROJECT LOCATION: Kreyenhagen Hills, MDBM, T.22S., R.16E., sec. 18, lot 2; Lat/Lon: 36.01583/-120.29408; Dot Map ID: NS079; Station Name/Site Code: Cedar Canyon/NC.PCE

DESCRIPTION OF PURPOSE AND NATURE OF THE PROJECT:
The state-of-the-art earthquake recording and telemetry equipment proposed to be installed at this station will contribute continuous seismic data to the CA Earthquake Early Warning System (CEEWS) and ShakeAlert, designed to potentially save thousands of lives during a large earthquake, prevent critical infrastructure damage, and expedite recovery following a large earthquake.

With permission from the property owner secured, USGS plans to install and operate the seismic monitoring station at the Lat/Lon location noted above. Two aluminum enclosures (2' x 3' x 21"H) will be mounted to 6" thick concrete pads: one concrete pad at grade (maximum 6" depth) and the second concrete pad at a depth of typically 16" below grade. An ~8' tall steel pipe will be mounted to one enclosure and concrete pad and hold the 2'x4' solar array and telemetry antenna. The two enclosures will be connected by flexible conduit in a shallow trench (6" deep, 6" wide) about 25ft long; this trench will be filled to grade after installation. A ground rod will be driven to a depth of 8' proximate to the battery/radio enclosure; additionally, a 2-gauge wire will be buried in a 12" deep, 6" wide trench around the exterior of the enclosure. All excavation will be dug by hand or mini-excavator, depending on site accessibility. There are no hazardous substances involved during construction nor as components of the site. If necessary, a small generator will be used to power a hand-loaded concrete mixer and any other tools needed for the construction. Construction/installation takes 3 days and covers a total of 175sq.ft. (5'x35').

PUBLIC AGENCY APPROVING PROJECT: CA Office of Emergency Services (Cal OES)
DIVISION OR UNIT CARRYING OUT PROJECT: CA Earthquake Early Warning Program

EXEMPT STATUS:
☒ **Categorical Exemption.** Class 3, CEQA Guidelines Section15303 (New Construction), Class 4 Section15304 (Minor Alterations to Land) and Class 6 Section 15306 (Information Collection).

REASONS WHY PROJECT IS EXEMPT:
This project is exempt in accordance with Class 3 as described above; construction of new small weatherproof enclosures to operate seismic sensor equipment for the purpose of data collection (Class 6). In accordance with Class 4, the project described above consists of minor public or private alterations in the condition of land and/or vegetation which do not involve removal of healthy, mature, scenic trees. None of the exceptions to a notice of exemption apply.

APPLICANT CONTACT: Lind Gee **TELEPHONE:** 650-329-5656
TITLE: NCSN Project Chief **EMAIL:** lgee@usgs.gov

LEAD AGENCY CONTACT: Ryan Arba **TELEPHONE:** 916-845-8132
TITLE: Program Manager III **EMAIL:** ryan.arba@caloes.ca.gov

SIGNED BY LEAD AGENCY:

Signature: _____ Date: 6/12/19

Title: PM III

Governor's Office of Planning & Research

JUNE 10 2019

STATE CLEARINGHOUSE