
Worker Safety-1

Construction Exposure

Monitoring Plan

Carlsbad Energy Center Project

Prepared for
Carlsbad Energy Center, LLC

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Worker Safety-1 Construction Exposure Monitoring Plan

Project Location

The CECP site is located in the City of Carlsbad, California (Figure 1). The site address is 4600 Carlsbad Blvd, Carlsbad, California 92008. The CECP site is part of the approximately 95-acre Encina Power Station located in Township 12 South, Range 4 West, Section 7, in San Diego County. The Encina Power Station is comprised of the following Assessor Parcel Numbers (APNs): 210-01-41 (project site) and 210-01-43.

The project site is located in the central portion of the City of Carlsbad, adjacent to the Pacific Ocean and immediately west of Interstate 5. Carlsbad Boulevard (also designated as County Highway S21) and a railroad line are located west of the project site, and the Agua Hendionda Lagoon is located adjacent to the site to the north (Figure 2). The predominant land use in the vicinity of the site is mainly industrial. Residential and commercial land uses are also situated nearby.

The CECP site will ultimately consist of approximately 23 acres. The two new units (designated Units 6 and 7) will be on the northeast area of the existing Encina Power Station, between the railroad to the west and Interstate 5 to the east. The CEMS pad addressed under this CTCIP will be constructed in a bowl-shaped berm that houses three former fuel oil tanks (Figure 3). These three tanks will remain in place during the construction of the west CEMS pad. As part of the full construction of CECP, these three tanks and their associated piping and control system will be removed.

Exposure Monitoring

No employee exposure is anticipated during limited pad construction and no exposure monitoring is required.