

Critical Utilities Infrastructure Revitalization

Air Quality, Nesting Birds, Chemically Impacted Soil

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CUIR Industry Day
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Outline

- Air Quality (Temporary Generators and BAAQMD Asbestos Notification)
- Nesting Birds
- Chemically Impacted Soil

Air Quality (Temporary Generators and BAAQMD Asbestos Notification)

Temporary Generators

Temporary/rental diesel generators are subject to requirements of CA Air Resources Board (CARB)'s Portable Engine Registration Program (PERP)

Temporary/rental diesel generators > 50 hp must be registered under PERP:

- PERP registration terms and conditions must be provided to SLAC's Air Quality Program Manager at least 5 days prior to engine arriving on-site, along with estimate of duration of engine use

Under PERP, temporary/rental diesel generators > 50 hp are limited to maximum duration of use of 12 months at a project location; if needed for longer than 12 months, coordinate compliance options with SLAC's Air Quality Program Manager



BAAQMD Asbestos Notification

The Bay Area Air Quality Management District (BAAQMD) regulates certain activities involving asbestos-containing buildings and structures, and demolitions

For the following activities, the BAAQMD must be notified at least 10 business days beforehand and a BAAQMD permit must be obtained:

- Removal of asbestos-containing material (friable or non-friable) > 100 linear ft., 100 sq. ft., or 35 cu. ft.
- Wrecking, dismantling, or moving any load-supporting structural member of a building, including cutting, disjointing, stripping, or removing structural elements of buildings or trailers, **regardless of whether there is asbestos present**

Coordinate BAAQMD notifications and permit applications with SLAC's Air Quality Program Manager

Nesting Birds

Nesting Birds

Active bird nests (i.e., nests containing eggs or chicks) are protected under the Federal Migratory Bird Treaty Act (16 USC 703-712)

During nesting bird season (Feb. 15 – Aug. 31), active bird nests may be encountered during work and can potentially impact work activities

- Klystron Gallery and surrounding structures/equipment are known areas for nesting birds
- Subcontractor is responsible for providing a qualified biologist to conduct nesting bird surveys as needed and provide impact mitigation services (monitoring, buffer areas, general guidance, etc.) if active nests are encountered during work
 - Qualifications of the biologist/biological firm shall be reviewed by SLAC Environmental Protection



Chemically Impacted Soil

Chemically Impacted Soil

Excavation permits (SLAC-issued) must be obtained prior to any excavation work at SLAC:
~2-week process

Low levels of polychlorinated biphenyls (PCBs) detected in soil samples from Master Substation

- This soil may not be relocated at SLAC; must be disposed of at off-site landfill in coordination with SLAC Waste Management's waste characterization and disposal requirements

An aerial photograph of a long, multi-story industrial building with a corrugated metal roof, stretching into the distance. The scene is captured at dusk or dawn, with a dark sky and some ambient lighting. A large white diamond shape is overlaid on the center of the image, containing the text 'Thank You'.

*Thank
You*



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