



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

Scoping Meeting

ETEC Supplemental Environmental Impact Statement

March 6, 2025

With You Today



Wendy Green Lowe
P2 Solutions
Meeting Facilitator



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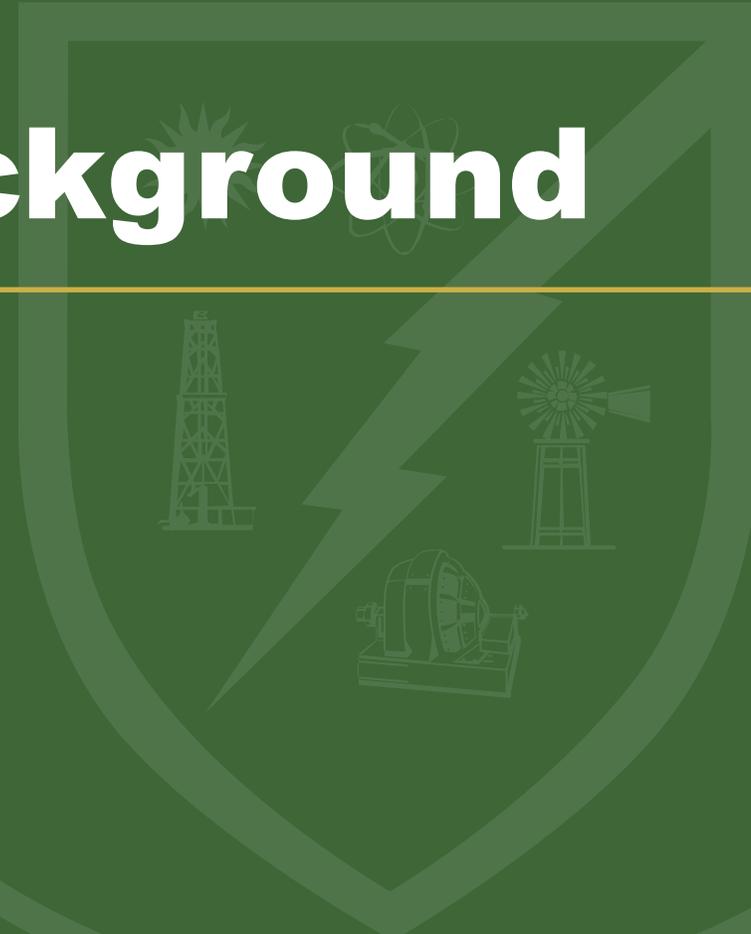
How comments will be used



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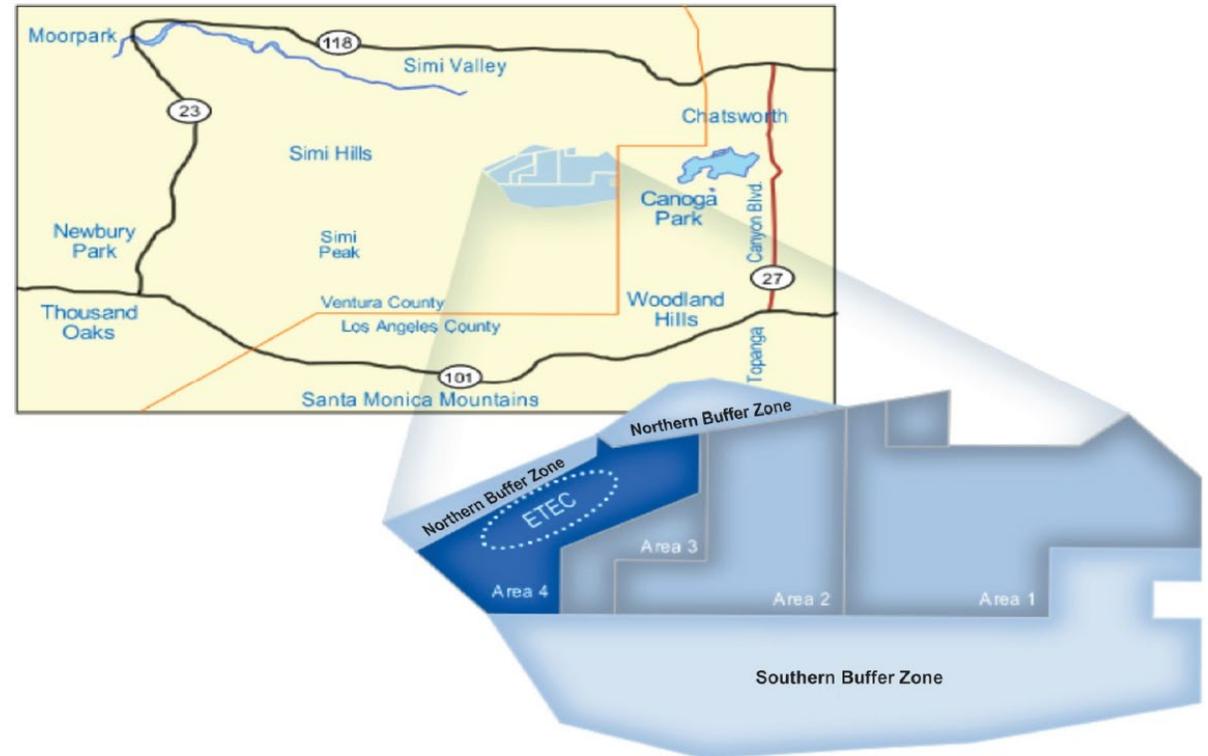
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Project Background



Site Overview

- SSFL is a 2,850-acre site located in eastern Ventura County, adjacent to Los Angeles County.
- DOE conducted nuclear energy and liquid metals research in Area IV of SSFL starting in the 1950s
- DOE has been remediating Area IV since before R&D operations ceased in 1998.



Project Scope

Remediate groundwater and soils:

- Groundwater cleanup governed by 2007 Consent Order.
- Soils to background per 2010 Administrative Order on Consent (AOC).
- Removal of remaining DOE-owned below-grade structures in Area IV.



NEPA Status

- **November 2018** – *Final Environmental Impact Statement (FEIS) for Remediation of Area IV and the Northern Buffer Zone of the Santa Susana Field Laboratory (DOE/EIS-0402)*
- **September 2019** – Record of Decision (ROD) for Building Demolition (84 FR 51150)
- **November 2020** – ROD for Groundwater Remediation (85 FR 71640)



National Environmental Policy Act (NEPA) is a federal law that requires federal agencies to identify and consider the environmental consequences of implementing projects.

Recent Progress

Cleanup Highlights:

- **Since 2017:** More than 60,000 gallons of contaminated groundwater have been removed from the site.
- **2021:** Completed demolition of all remaining above-ground DOE-owned buildings.
- **2024:** DOE installed an automated pumping system at the Former Sodium Disposal Facility, which allows DOE to continue the groundwater interim measures more effectively.

Future Cleanup Plans:

Next steps include ramping up groundwater remediation, completing building demolition, completing a ROD for soils, and begin soil remediation.



Building Demolition

The FEIS and Buildings ROD allowed DOE to demolish 18 buildings between July 2020 and October 2021.





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NEPA Process



NEPA & the SEIS Process

In accordance with the National Environmental Policy Act (NEPA), DOE is preparing a SEIS for **soil remediation** at SSFL.

A SEIS is prepared when:

1. An agency makes substantial changes to the proposed action that are relevant to its environmental concerns.
2. There are substantial new circumstances or information about the significance of adverse effects that bear on the analysis.
3. The agency determines that the purposes of NEPA will be furthered by doing so.



What is a Supplemental Environmental Impact Statement (SEIS)?

A NEPA process that provides additional analysis for an existing or ongoing Environmental Impact Statement.

Changes Since the 2018 SSFL Area IV FEIS

Environmental Conditions

- Woolsey Fire
- Biological and Cultural Resources
- Socioeconomic Data
- Disposal Facilities

Project Status + New Information

- Buildings ROD and demolition
- Groundwater ROD and remediation progress
- Laboratory Method Reporting Limits (MRL) and backfill availability data
- Department of Toxic Substances Control's proposed Multiple Lines of Evidence (MLE) approach
- Boeing Settlement Agreement

Laws, Regulations, and Permits

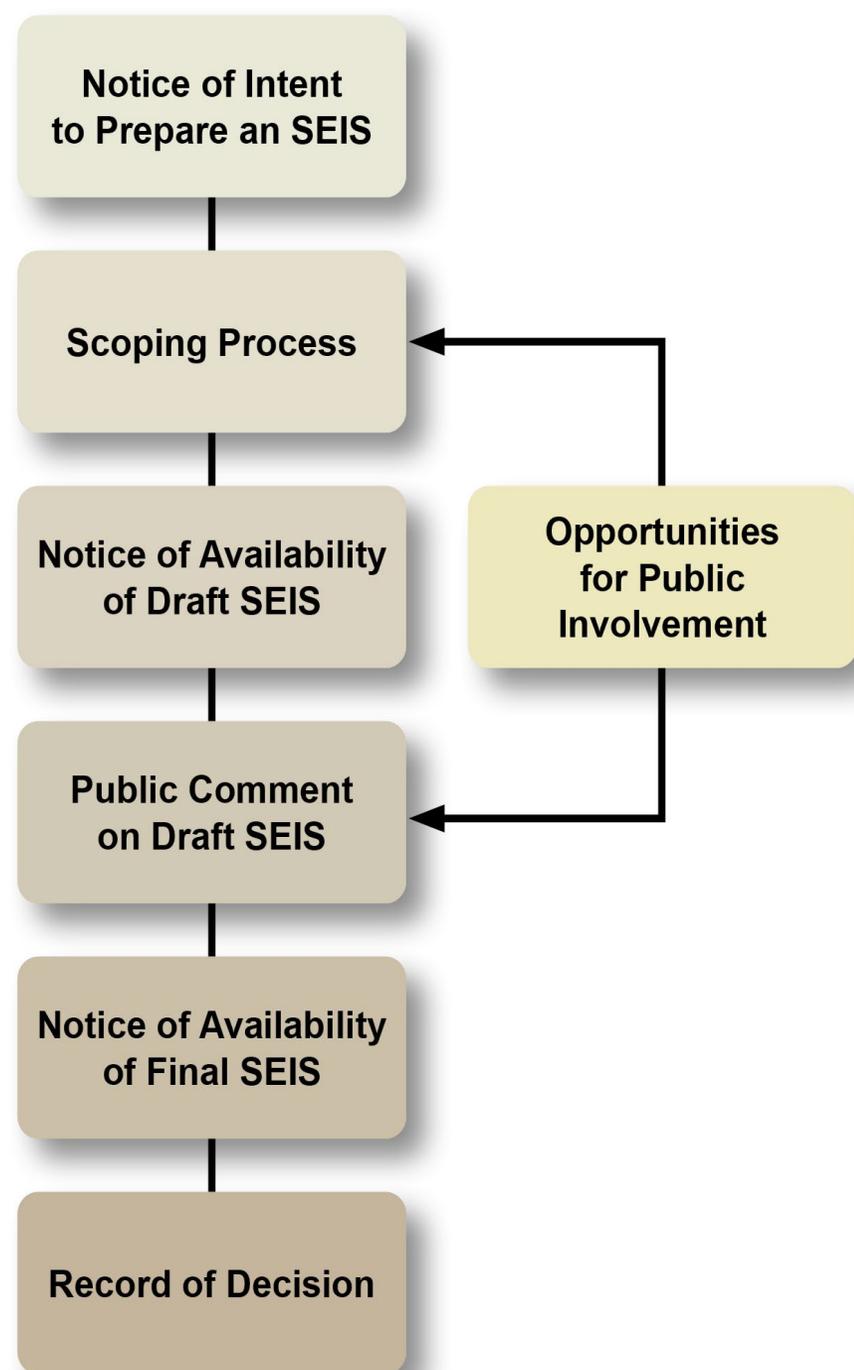
- NEPA - Fiscal Responsibility Act of 2023
- DOE NEPA Implementing Regulations (10 CFR 1021)

SEIS Steps

DOE Published a Notice of Intent to Prepare a SEIS on December 27, 2024 (89 FR 105555) in the Federal Register

- This publication initiated a 60-day public scoping period, extended 30 days: December 27, 2024, to March 27, 2025.
- DOE is hosting 2 public scoping meetings to get community feedback that will help DOE with proposing final, implementable cleanup plans at SSFL.

The second public scoping meeting will be an in-person, open house on **Tuesday, March 18, 2025, at 6 pm at the Grand Vista Hotel**, 999 Enchanted Way, Simi Valley, CA 93065

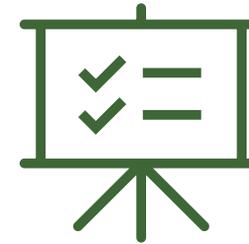


Purpose & Need

DOE needs to complete remediation of SSFL Area IV and the Northern Buffer Zone to comply with applicable requirements for cleanup of radiological and hazardous substances.

These requirements include laws, regulations, orders, and agreements.

To this end, DOE proposes to clean up the affected environment in Area IV and the NBZ in a manner that is protective of the environment and the health and safety of the public and workers.

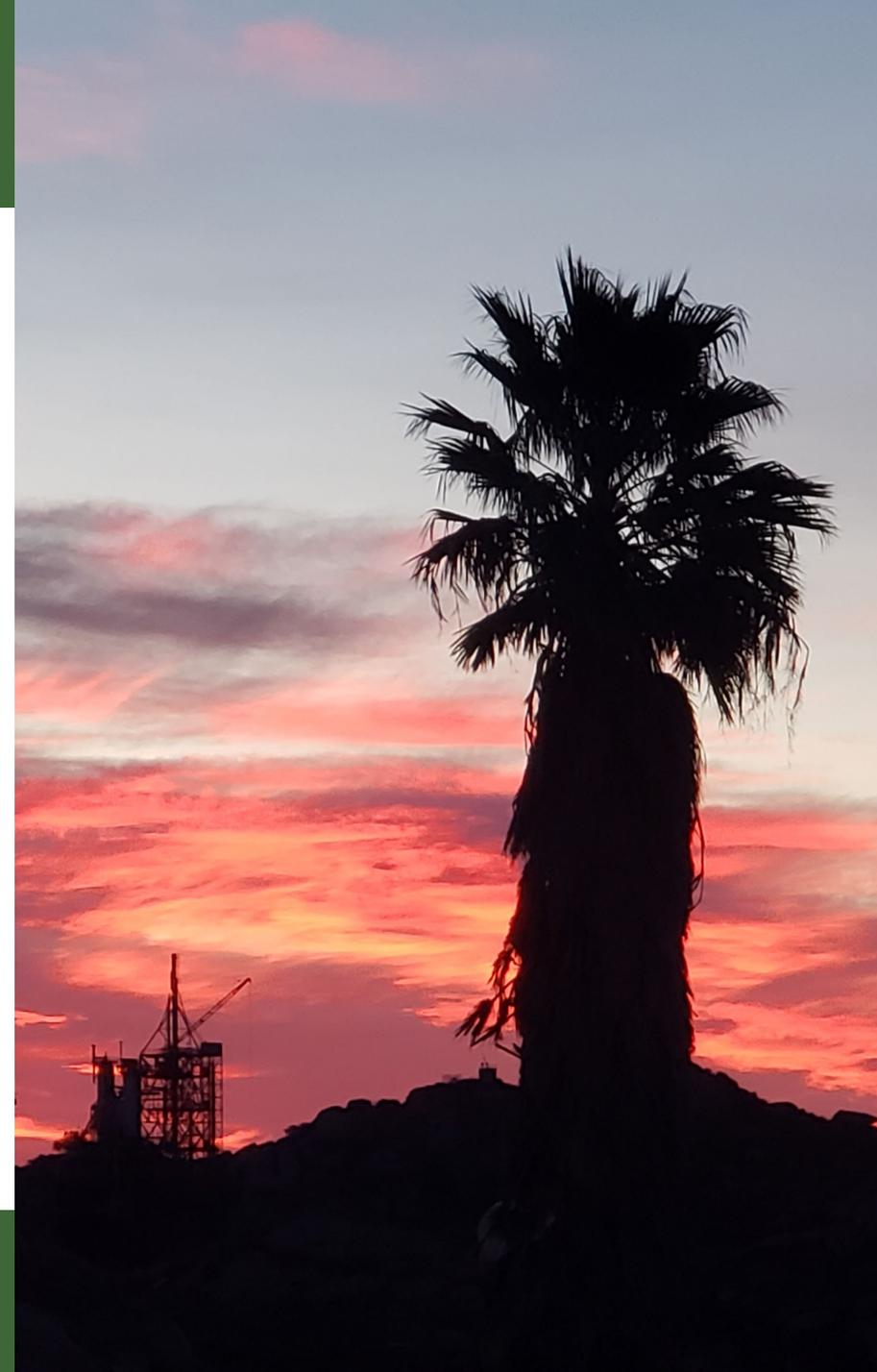


**Public safety,
the protection of human
health and the
environment is DOE's
foremost priority.**

FEIS Soils Alternatives

Soils remediation alternatives considered in DOE's 2018 FEIS included:

- Cleanup to AOC Look-Up Table (LUT) Values
- Cleanup to Revised LUT Values
- Conservation of Natural Resources
 - Residential Scenario
 - Open Space Scenario
- No Action Alternative



Issues with AOC LUT

Provisional Look-Up Table (LUT) values developed to define background are not implementable.

- Backfill soils needed to restore the site are not available at the established cleanup standards.
- The LUT values for some contaminants are lower than laboratory detection capabilities.
- The pristine sites used to develop the provisional LUT values would not pass as clean.



Preservation of natural and cultural resources remains key goal for DOE in our cleanup at SSFL

Proposed Action

DOE proposes to remediate chemically and radiologically impacted soil in Area IV and the NBZ; dispose of resulting material; and restore the affected environment in accordance with applicable laws, orders, regulations, and agreements with the State of California.

PRELIMINARY ALTERNATIVES

In addition to the NEPA required *No Action Alternative*, DOE proposes to evaluate three new soil cleanup alternatives in the SEIS:

1. Updated Look Up Table (LUT) Values
2. Multiple Lines of Evidence (MLE)
3. Resident with Garden



DOE has no Preferred Alternative at this time, but will identify a Preferred Alternative in the Final SEIS.

Preliminary Description of Alternatives

Updated Look Up Table (LUT) Values Alternative

- DOE will propose updated Look Up Table (LUT) values.
- Resolves issues DOE identified with the LUT values to reduce false positives by:
 - Accounting for laboratory detection capabilities,
 - Incorporating data from the pristine background site.
- The proposed alternative would retain the other provisions of the AOC.

Preliminary Description of Alternatives

Multiple Lines of Evidence Alternative

- DTSC proposed a soil cleanup approach that uses Multiple Lines of Evidence (MLE) for soil remediation that would be consistent with the 2010 AOC required clean up to background.
- The MLE approach uses risk assessment to ensure the protection of human health while minimizing unnecessary removal of clean soil and destruction of critical habitats and cultural resources.
- The use of MLE enables a more reliable decision making by requiring different types of supporting evidence.
- The U.S. Environmental Protection Agency identifies the use of multiple lines of evidence as a best practice in environmental cleanup.

Preliminary Description of Alternatives

Resident with Garden Risk- Based Alternative

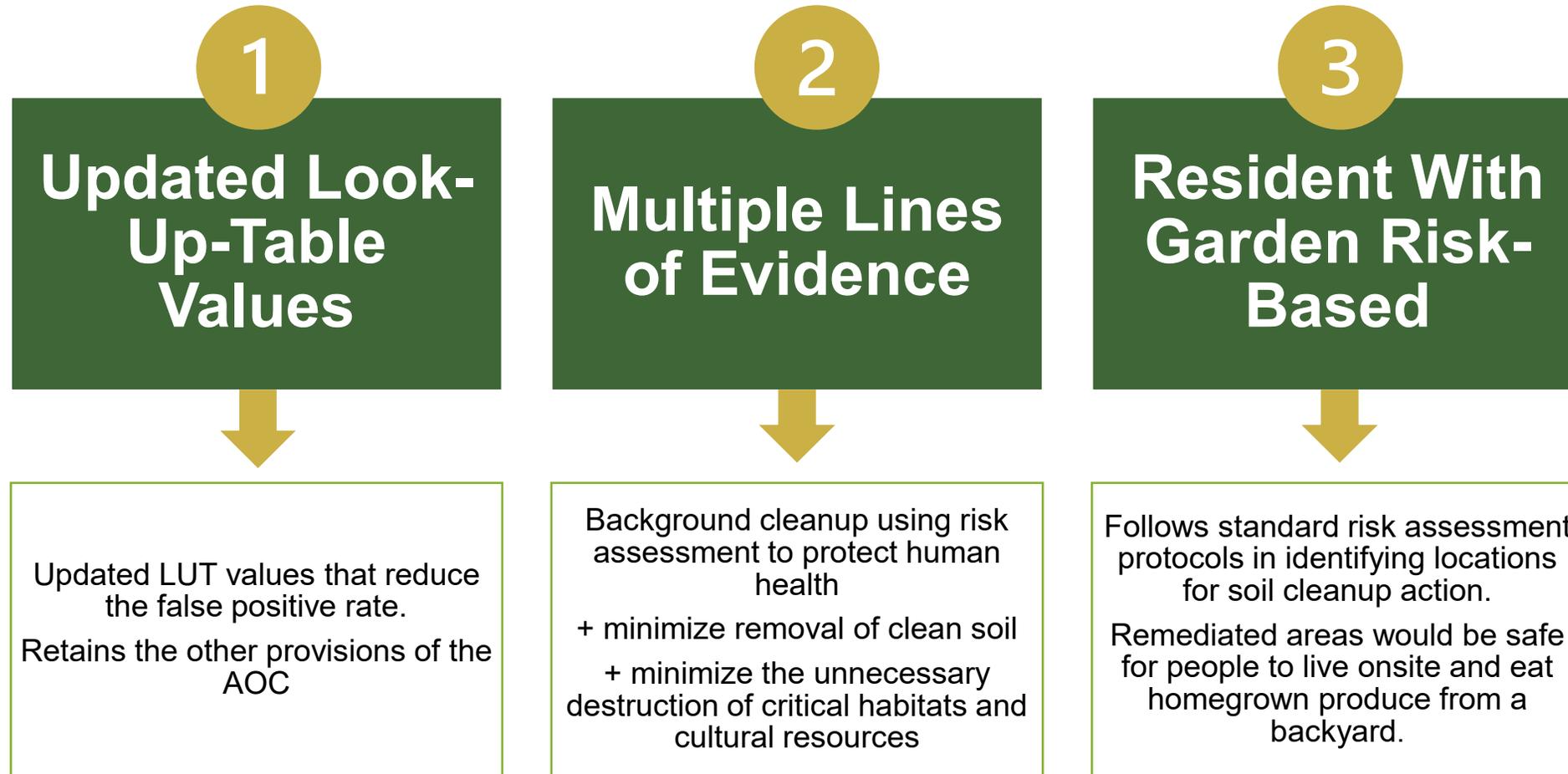
This alternative follows standard risk assessment protocols in identifying locations for a soil cleanup action and is being considered for areas where Boeing is responsible for cleanup. This alternative requires that the remediated areas would be safe for people to live onsite and eat homegrown produce from a backyard garden.

Potential Environmental Effects

- **Land Resources** including land use, recreation, infrastructure, and aesthetics and visual quality
- **Geology and Soils** including mineral and paleontological resources
- **Surface Water** including floodplains and wetlands
- **Groundwater Resources**
- **Biological Resources** including vegetation, wildlife, and threatened, endangered, and rare species
- **Air Quality**
- **Noise**
- **Transportation and Traffic** including radiological and non-radiological wastes to disposal sites and clean replacement soil to SSFL
- **Human Health and Safety** including occupational and public health and safety, and site accidents including from natural disasters and intentional destructive acts
- **Waste Management**
- **Cultural Resources** including archeological, historical, and Native American culturally important sites and consultations
- **Socioeconomics**
- **Cumulative Effects**



Summary of Preliminary Alternatives

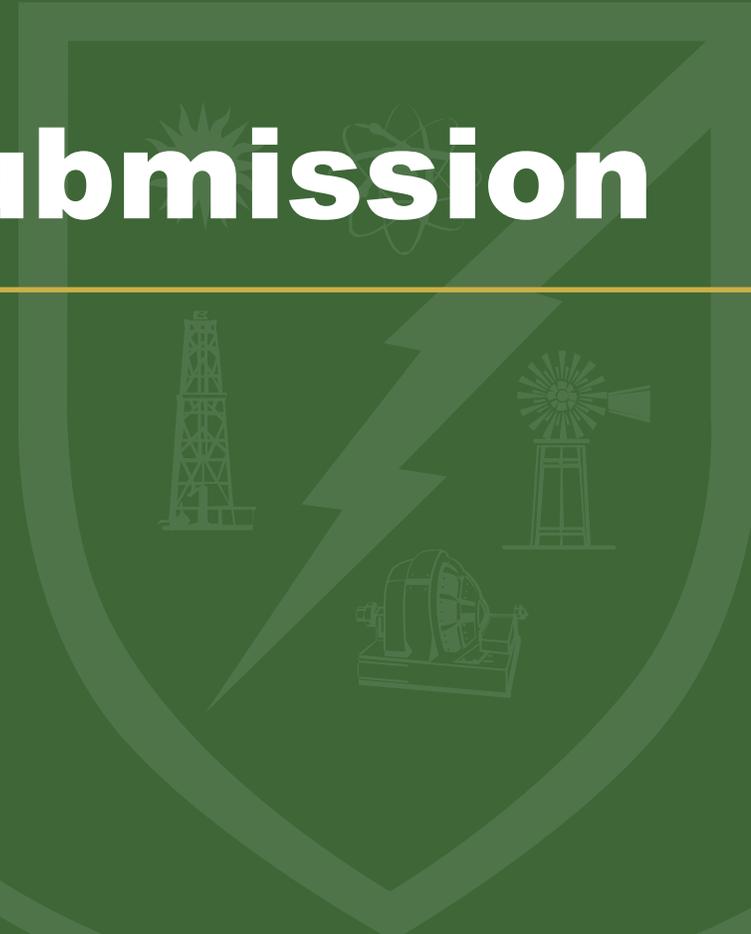




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Comment Submission



Make Your Comments Count

All Scoping Comments Will be Part of the Official Project Record

- DOE invites comments on the identification of reasonable alternatives, information and analyses relevant to the Proposed Action, and specific environmental issues to be addressed.
- It is important to understand that commenting on a proposal is not a “vote” on whether the Proposed Action should take place.
- Keep comments specific to the scope of the Proposed Action and alternatives and give examples of how these may affect you and / or the community.

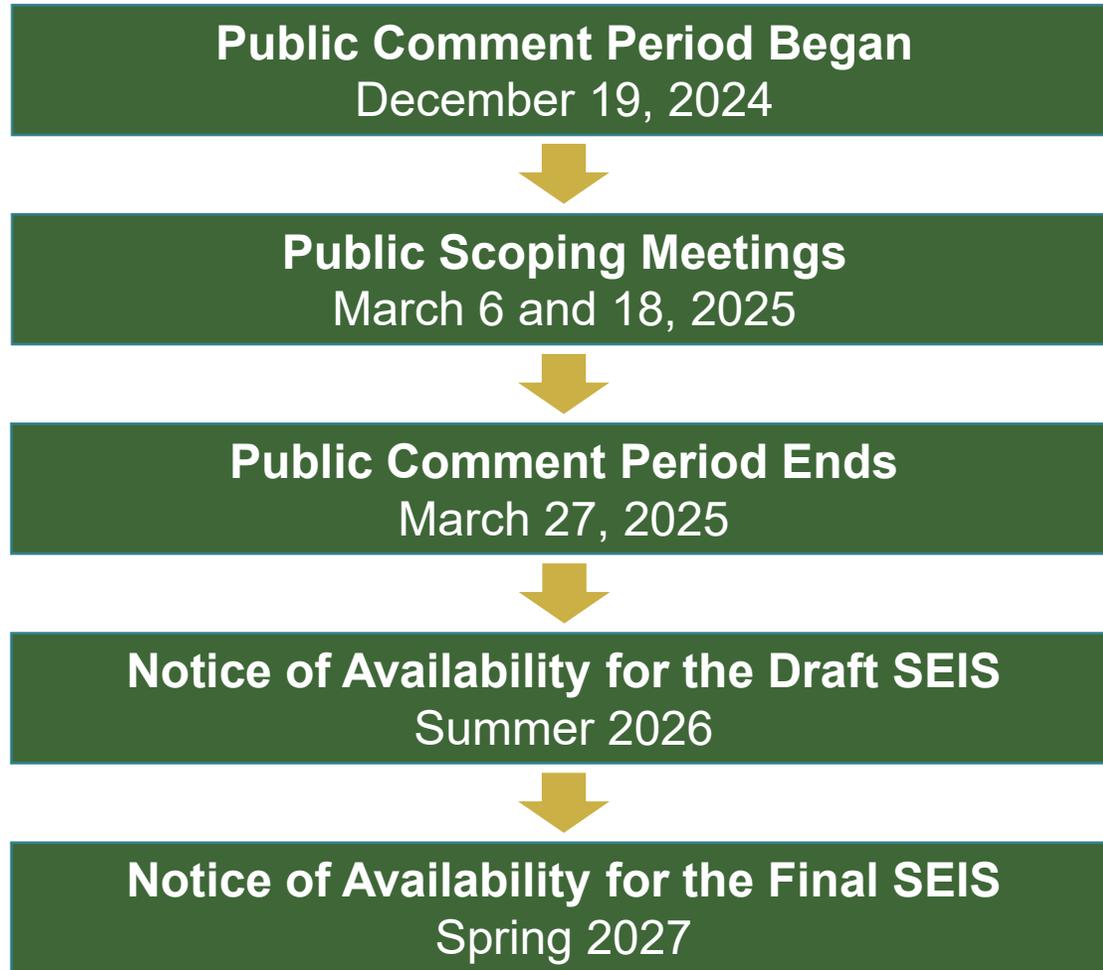


How Comments Will be Used

- When the scoping period is finished, DOE will analyze comments, determine if changes to the scope of the SEIS are necessary, and prepare the Draft SEIS.
- The Draft SEIS will also include a summary that identifies all relevant alternatives, information, and analyses submitted by commenters for consideration by the lead and cooperating agencies.
- DOE may respond to individual comments or groups of comments by making changes to the Proposed Action or alternatives, developing new alternatives, modifying its analyses, making factual corrections, or explaining why a comment does not require a change.



SEIS Timeline



Provide Comments TODAY:

- Use Zoom’s “raise your hand” feature to enter the queue to make an oral comment

Submit comments LATER:

- Send an email with “Scoping Comments” in the subject line to:

SSFL_DOE_SEIS@emcbc.doe.gov

- Send comments by US Mail to:

***Dr. Joshua Mengers,
NEPA Document Manager,
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2109 Air Park Road SE,
Suite 200
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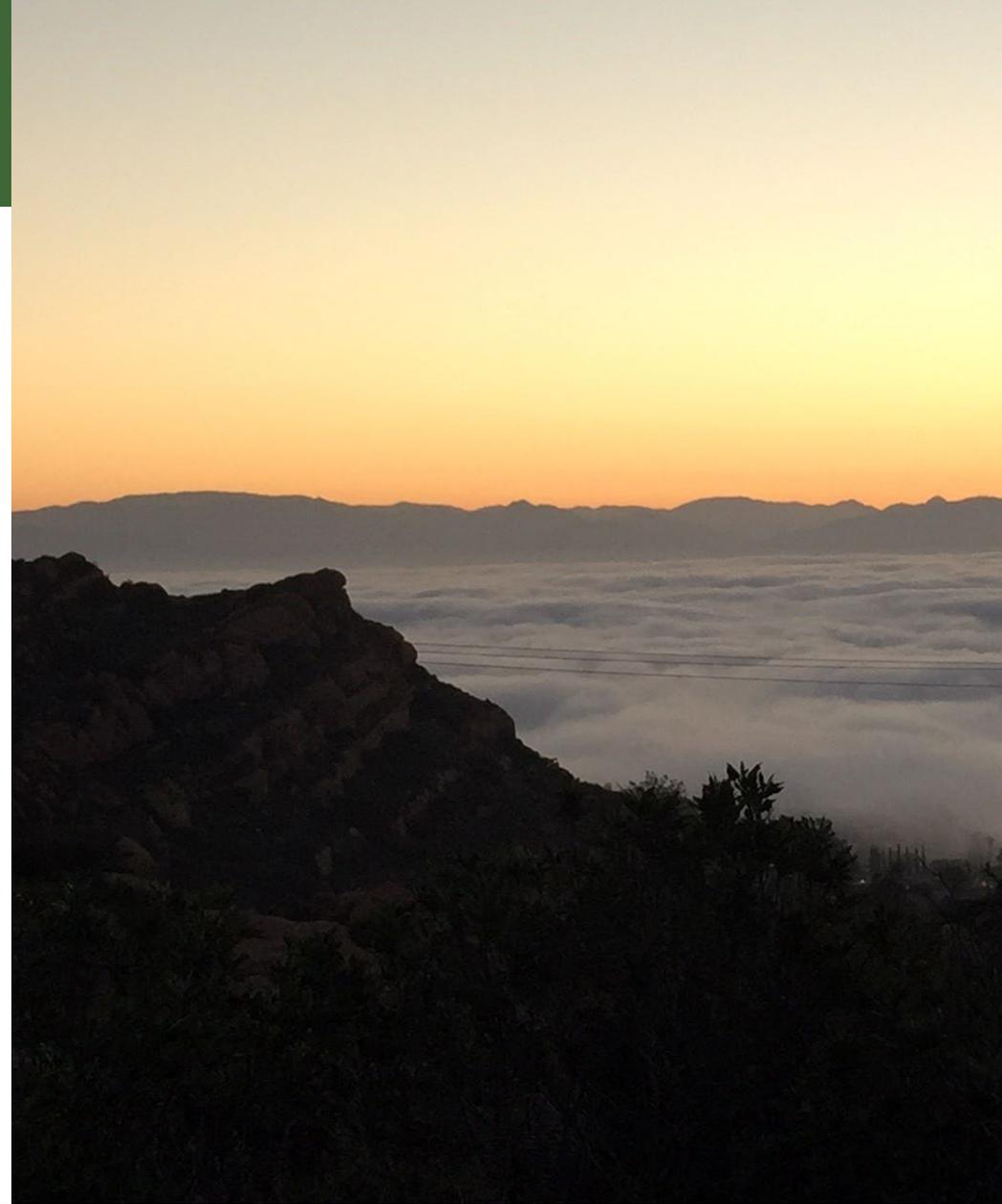
Thank you for your attention

Next Segment: Oral Comment Period

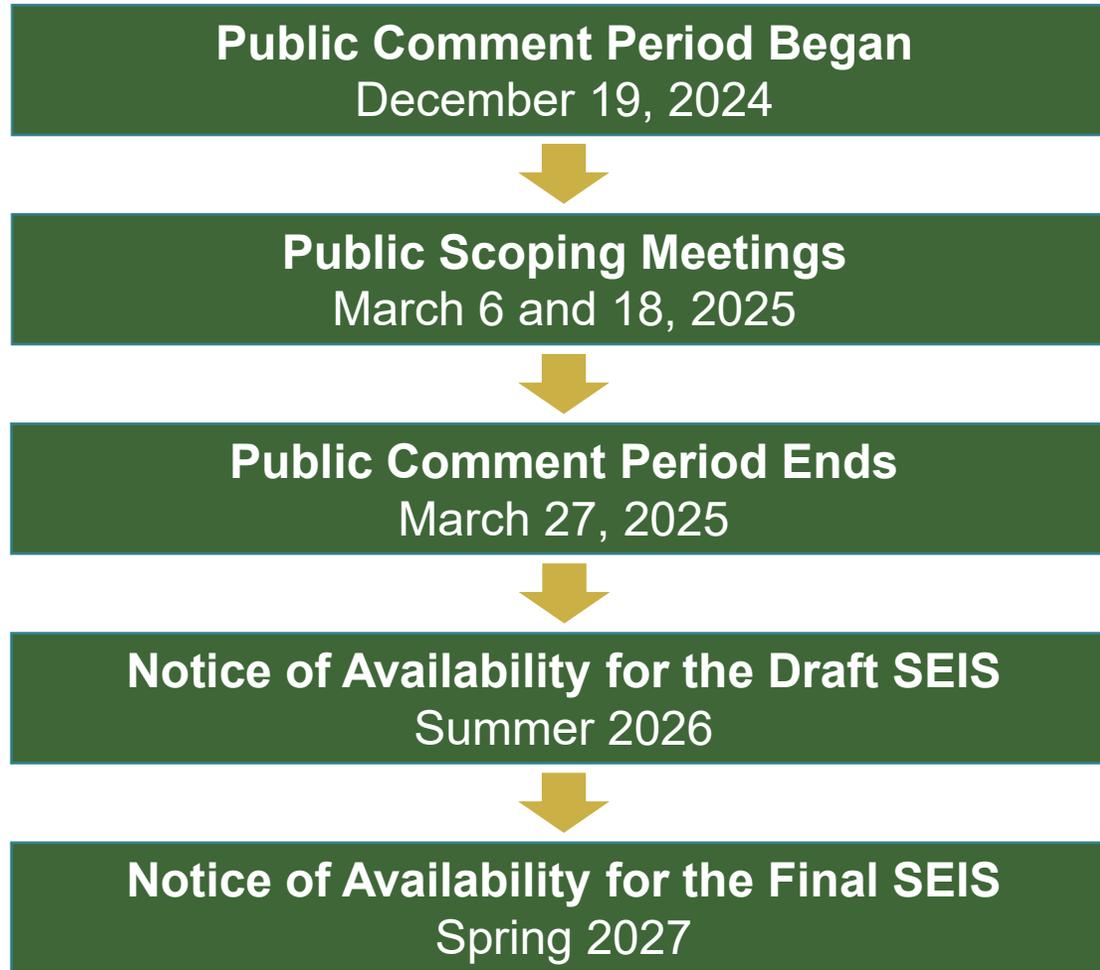
Protocols

To Submit an Oral Comment at Tonight's Meeting:

1. Locate Zoom's "Raise Hand" feature at the bottom of your screen, click "Reactions," and "Raise Hand" to alert a member of our team to unmute you.
2. Comments are limited to 3 minutes. Time will not be yielded.
3. State your name and any affiliation you may be representing.
4. Phrase your comments in the form of a statement. DOE will not be responding to questions at this meeting.
5. Please be respectful of other commenters.
6. Additional comments can be submitted in writing by sending an email to SSFL_DOE_SEIS@emcbc.doe.gov (use subject line "Scoping Comments")



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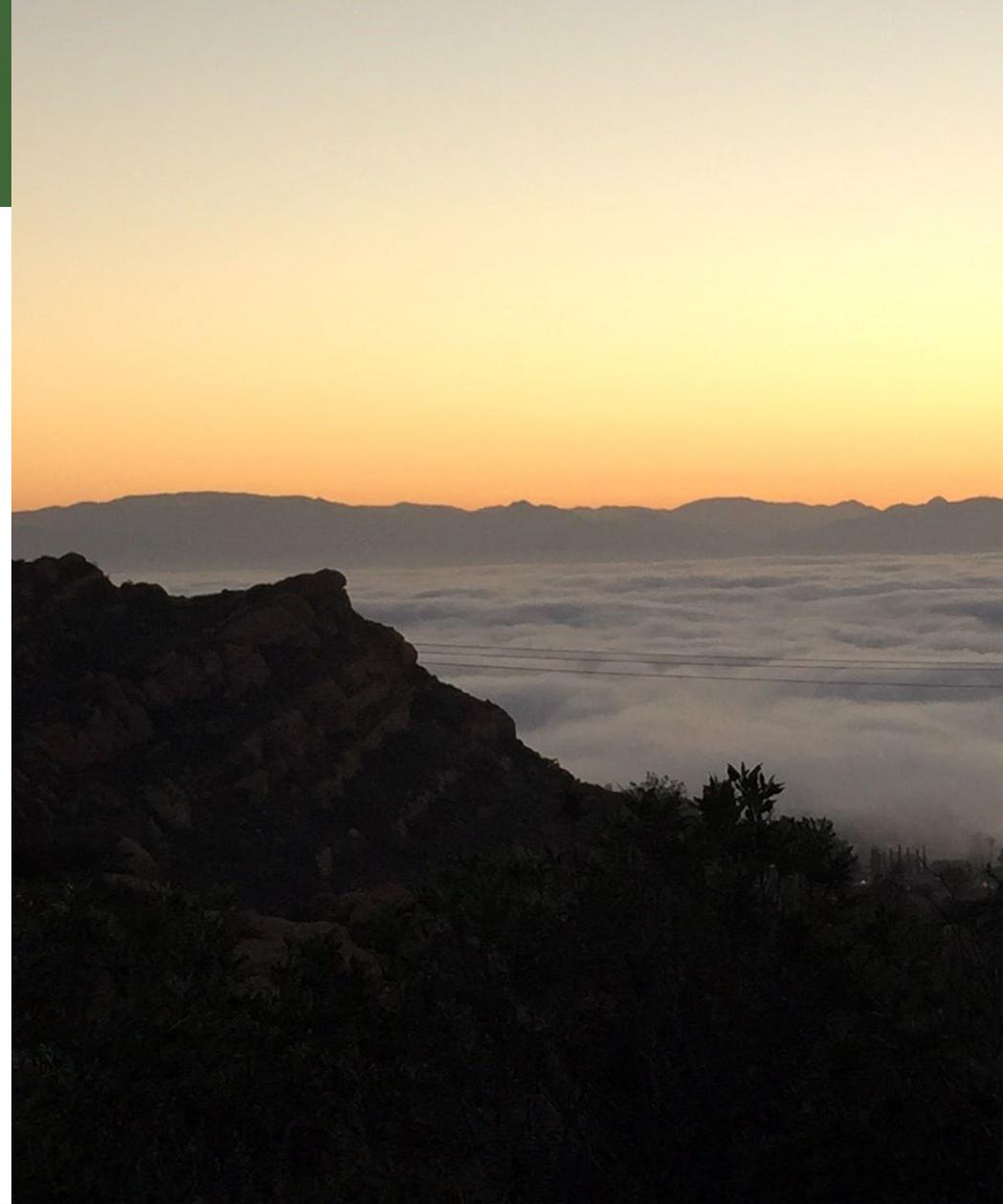
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Thank you for attending

We look forward to seeing everyone in person at the open house:

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