

**Wildfire Mitigation Plan 2026-2028  
Data Response**

BVES Data Request No.	OEIS-P-WMP 2025-BVES-005
Request Date:	May 6, 2025
Due Date:	May 9, 2025
Requester:	Blythe Denton, Senior Wildfire Safety Analyst

**SUBJECT(S):**

- Q01. Regarding Fire Detection Alerts
- Q02. Regarding Bear Valley's Primary Distribution System
- Q03. Regarding Bear Valley's Detailed Inspection Targets
- Q04. Regarding Vegetation Management Procedures and Inspections
- Q05. Regarding Asset Inspection Find rates

Total Attachments: 1

## BVES RESPONSE

### Q01. Regarding Fire Detection Alerts:

On page 239 of its 2026-2028 Base WMP, BVES states, “The ALERTCalifornia HD cameras employ infrared FLIR sensor technology and AI technology and provide continuous live feeds. System sends alerts for potential smoke/fire locations to San Bernardino County Fire Department resources and provide situational awareness allowing respective parties to better respond to alerts.”

- a. Confirm if BVES only alerts the San Bernardino County Fire department and not its local fire agency (Big Bear Fire Department), CAL FIRE, or the USFS?
  - i. If yes, explain why BEVS excludes other cooperating fire agencies in its service area in providing these alerts.

RESPONSE: BVES does not exclude other cooperating fire agencies in its service area. BVES alerts San Bernardino County Fire department and local fire agencies such as Big Bear Fire Department, CAL Fire and USFS.

### Q02. Regarding Bear Valley’s Primary Distribution System:

- a. For BVES’s primary distribution system as of January 1, 2025:
  - i. Provide the number of circuit miles of operational covered conductor.
  - ii. Provide the number of circuit miles of operational bare wire.

RESPONSE: As of January 1, 2025, BVES has 67.8 circuit miles of cover conductor and 137.2 circuit miles of bare wire.

### Q03. Regarding Bear Valley’s Detailed Inspection Targets:

- a. Do BVES’s detailed inspection targets of 55 miles per year in 2026, 2027, and 2028 include both overhead and underground detailed inspection targets?
- b. Provide the detailed overhead and underground inspection targets in the following format:

Inspection	2026	2027	2028
Overhead			
Underground			

RESPONSE: a) Yes, the detailed inspections include both overheard and underground assets. See breakdown of milage below.

Inspection	2026	2027	2028
Overhead	42	47	40
Underground	15	9	15

### Q04. Regarding Vegetation Management Procedures and Inspections:

In BVES’s response to OEIS-P-WMP-2025-BVES-001, BVES lists “BVES GO 165 Procedures” as

the process document for Detailed Inspection (Tracking ID: VM\_1), Patrol Inspections (Tracking ID: VM\_2), and 3rd Party Ground Patrol (Tracking ID: VM\_5).

- a. Confirm “BVES GO 165 Procedures” is the correct procedures document for the inspection programs listed above.
  - i. If yes, for **Detailed Inspection** (Tracking ID: VM\_1), answer the following:
    1. Is this vegetation inspection performed at the same time as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Detailed Inspection, Tracking ID: GD\_22)?
    2. Is this vegetation inspection performed at the same time, and by the same person, as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Detailed Inspection, Tracking ID: GD\_22)?
    3. If this is a combined inspection:
      - a) Is the primary purpose of this combined inspection to assess vegetation for non-compliant conditions (e.g., clearances)?
      - b) Approximately what percentage of inspection time focuses on assessing vegetation for non-compliant conditions?
  - ii. If yes, for **Patrol Inspections** (Tracking ID: VM\_2), answer the following:
    1. Is this vegetation inspection performed at the same time as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Patrol Inspections, Tracking ID: GD\_23)?
    2. Is this vegetation inspection performed at the same time, and by the same person, as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Patrol Inspections, Tracking ID: GD\_23)?
    3. If this is a combined inspection:
      - a) Is the primary purpose of this combined inspection to assess vegetation for non-compliant conditions (e.g., clearances)?
      - b) Approximately what percentage of inspection time focuses on assessing vegetation for non-compliant conditions?
  - iii. If yes, for **3rd Party Ground Patrol** (Tracking ID: VM\_5), answer the following:
    1. Is this vegetation inspection performed at the same time as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Third-Party Ground Patrol Inspections, Tracking ID: GD\_26)?
    2. Is this vegetation inspection performed at the same time, and by the same person, as an asset inspection listed in WMP section 8.3?
      - a) If so, which asset inspection (e.g., Third-Party Ground Patrol Inspections, Tracking ID: GD\_26)?
    3. If this is a combined inspection:
      - a) Is the primary purpose of this combined inspection to assess vegetation for non-compliant conditions (e.g., clearances)?

- b) Approximately what percentage of inspection time focuses on assessing vegetation for non-compliant conditions?

RESPONSE: Detailed Inspection: 1) Yes, the vegetation detailed inspection VM-1 is conducted at the same time as the assts inspection for GD-22. 2) Yes, the inspection is conducted by the same person at the same time. 3) a) The primary purpose is for the assets to meet all GO-95 and GO-165 standards which include vegetation encroachments. Approximately, 15% of the inspection is dedicated to assessing vegetation.

Patrol Inspection: 1) Yes, the vegetation patrol inspection VM-2 is conducted at the same time as the assts inspection for GD-23. 2) Yes, the inspection is conducted by the same person at the same time. 3) a) The primary purpose is for the assets to meet all GO-95 standards which include vegetation encroachments. Approximately, 15% of the inspection is dedicated to assessing vegetation.

3<sup>rd</sup> Party Ground Patrol Inspection: 1) Yes, the vegetation patrol inspection VM-5 is conducted at the same time as the assts inspection for GD-26. 2) Yes, the inspection is conducted by the same person at the same time. 3) a) The primary purpose is for the assets to meet all GO-95 standards which include vegetation encroachments. Approximately, 15% of the inspection is dedicated to assessing vegetation.

**Q05. Regarding Asset Inspection Findrates:**

- a. One page 140 of its 2026-2028 Base WMP, BVES indicates in Table 8-2 that the find rates for each type of asset inspection are either 1%, 5%, 10%, or 15%. Provide an explanation of the calculation methods, and any number rounding, used to determine these values.
- b. For UAV thermography, UAV HD, detailed, and intrusive inspections, provide the data BVES used to calculate the asset inspection condition find rate values in Table 8-2 of BVES's 2026-2028 WMP as an excel attachment. At minimum, the data must include an inspection identifier, inspection type, inspection date, finding, and finding priority level. See example table below:

Inspection ID	Inspection Type	Inspection date	Finding (Y/N)	Finding Priority Level
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DI1	Detailed Inspection	1/1/2022	N	NA
DI2	Detailed Inspection	1/1/2022	Y	3
DI2	Detailed Inspection	1/1/2022	Y	2
UAV1	UAV HD Photography/ Videography	1/10/2022	Y	2

RESPONSE: a) The percentages used on page 140 used estimates that were based on an analysis of past findings. BVES used two different methods for the analysis. Inspections that are conducted by contractors such as UAV, third party ground, patrol and intrusive used the total number of possible findings compared to total number of inspected assets. Detailed and patrol inspections used a 3-year average from 2021-2023. For detailed inspection the total number of poles inspected had to be estimated. For the years 2021-2023 BVES collected detailed inspection data by circuit. For all inspections, percentages were rounded up to the nearest 5% to incorporate any future possible increase in findings. b) See document “5b. Inspection Table” for the full UAV report, detailed inspection report and intrusive inspection report.