

**PACIFIC GAS AND ELECTRIC COMPANY
Wildfire Mitigation Plans Discovery 2022
Data Response**

PG&E Data Request No.:	OEIS_005-Q04		
PG&E File Name:	WMP-Discovery2022_DR_OEIS_005-Q04		
Request Date:	March 18, 2022	Requester DR No.:	OEIS-PG&E-22-005
Date Sent:	March 23, 2022	Requesting Party:	Office of Energy Infrastructure Safety
PG&E Witness:		Requester:	Kevin Miller

SUBJECT: VM TARGETS

QUESTION 04

Provide the QA/QV results for vegetation management broken down by inspection type completed in 2019, 2020, and 2021. This should include:

- a) Percentage of inspections with infractions found (e.g., under-trimming, over-trimming, missed hazard tree, improper clean-up etc.).
- b) Percentage of (a) which required remediation (e.g., re-inspection, additional trimming, removal of a tree).
- c) List of lessons learned from infractions and associated changes made to inspections moving forward.

ANSWER 04

a) QAVM:

Please find attachment WMP-Discovery2022_DR_OEIS_005-Q04Atch01, which provides QAVM results for 2019, 2020, and 2021, broken down by Pre-Inspection and Pole Clearing audits. QAVM provides a total count of non-conformances among the total population of inspections that occurred, and the compliance percentages are provided per audit.

QVVM:

PG&E tracks the total number of non-conformances found for QVVM but does not track the percentage of individual inspections with a non-conformance finding. Please find a table of non-conformance findings found during QVVM Reviews by year in the table below:

Quantity of Findings by Year			
Review Year	2019	2020	2021
Total	19,522	21,502	20,032

2021 was the first year QV performed an official EVM audit. The 2021 QV audit data relating to EVM is provided below, where the compliance pass rate is calculated using the percentage of segment miles passed without a finding relative to total segment mileage.

Line Segment Count	Total Findings	Pass Miles	Fail Miles	Total Miles	Pass Rate
5,574	36	265.64	1.67	267.31	99.4%

b) QAVM:

All QAVM non-conformance findings identified in response to question 4a were identified for remediation.

QVVM:

All QVVM non-conformance findings identified in response to question 4a were identified for remediation.

All 2021 QV non-conformance findings relating to the EVM audit identified in response to question 4a were identified for remediation.

- c) Most of the lessons learned from non-conformance findings are implemented by the Work Verification and Quality Control (QC) programs within Vegetation Management. Through these programs, we have identified opportunities for alignment in regard to the missed trees and the acceptance criteria associated with the inspection of healthy trees. We have held multiple alignment sessions with our teams and the applicable field teams/responsible parties. We have also held multiple field calibration sessions with the QA/QV Teams to ensure that we are aligned on expectations. Please see Sections 4.1a, 7.3.5.6, and 7.3.5.13 of the 2022 WMP for additional information regarding lessons learned and our vegetation management improvements.