



Enhanced Vegetation Management (EVM) Work Verification Exit Meeting

VEG Quality Verification

2020_QVVM__460_EVM Work Verification Audit

November 10, 2020

Audit Purpose

This review will examine Enhanced Vegetation Management – Work Verification “pass locations” – system wide and is being performed to provide relative assurance that vegetation in this area meets the EVM Scope as defined in TD-7106P-01 “Enhanced Vegetation Management Scope”.

VM Quality Verification will patrol a statistically random sample of EVM Work Verification “Pass” Line Segments that are subject to EVM requirements and Public Resource Code (PRC) 4293 regulations.

Audit Scope

This audit assesses Enhanced Vegetation Management (EVM) work verification performed by the vendor Atlas Field Services. The vendor performed work verification audits following PG&E’s completion of EVM work. The purpose of this audit is to review line segments recorded as having met the work verification “pass” criteria from 01/01/2020 to 08/31/2020 for quality verification.

Audit Scope (cont.)

- The population consists of 1455-line miles of which 42 claimed miles were randomly selected for the review.
- 891 segments were reviewed to ensure compliance with the EVM Scope as defined in TD-7106P-01 “Enhanced Vegetation Management Scope”:
 - Is there vegetation within 4’? (*Compliance*)
 - Is there vegetation within the 4’ overhang zone? (*Conformance*)
 - Are there any hazard trees present with strike potential to primary? (*Conformance*)
 - Are there any hazard trees present with strike potential to secondary? (*Conformance*)
- Pass with Observation
 - Is the site clean?
 - Non-Riparian
 - BMP 12 a
 - BMP 12 b

Audit Scope (cont.)

- Is vegetation straining secondary line causing significant deflection of line or obvious abrasion to line?
- Is there vegetation that will be within 4' of conductors before the next routine cycle (include overhang)?
 - Provide Species and current clearance as well as next known routine cycle
- Are there ANSI A300 issues from current EVM work?

Audit Scope (cont.)

Random Sampling Calculator:

- VM Quality Verification utilized a random sampling calculator with a 99% Compliance Level, 95% Confidence Level, 3% Error Rate sample methodology

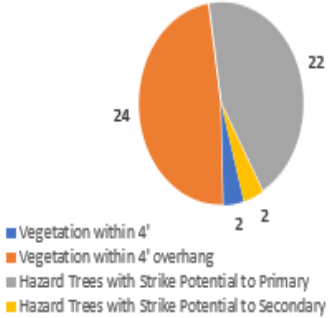
The audit scope did not include:

- Locations where customers would not allow access OR the location was inaccessible by auditor and approved by the Sr. Auditor to be skipped.
- Locations within a 2020 fire footprint.
- Any locations skipped due to the above concerns were replaced by an alternate sample location.

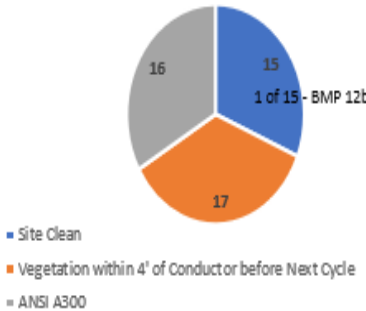
Claimed Miles with a Finding



Non-Conformance Findings by Segments



Pass with Observation # of Findings

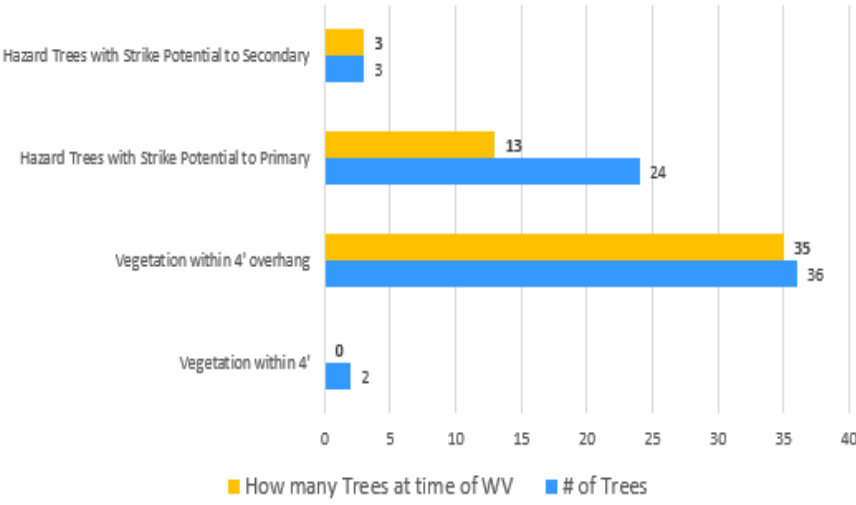


**EVM WV
Pass Rate**

96.26%

Calculation: $1.60 - 42.8169$
 $= 41.2169 / 42.8169$

Total # of Trees vs.
Total # of Trees at time of WV (non-conformance)



Total miles where there was a finding vs.
Total Miles where there was a finding that would have been at time of WV

