
From: [REDACTED]
To: [REDACTED]
CC: [REDACTED]
Sent: 3/2/2021 1:13:43 PM
Subject: RE: EVM QC/QA
Attachments: Public Safety LTIP Target Setting V48.pptx

[REDACTED]

Is the attached the latest version? If not, can you send it to me?

[REDACTED]

Some of the measures included in this email are contemplated as additional precautionary measures intended to further reduce the risk of future ignitions following the 2017 and 2018 wildfires.

From: [REDACTED]
Sent: Monday, January 11, 2021 9:19 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: EVM QC/QA

[REDACTED]

[REDACTED] wanted the statistical sampling weekly, hence the change back to weekly from what [REDACTED] sent in. I am attaching the full deck for your reference. Sincerely appreciate the quick turnaround you provided.

[REDACTED]



EVM Quality Control – Layers of Defense

Enhanced Vegetation Management Work
Performed by Contractors

Layer 1: Vegetation Management Quality Control Team

2020

- Primarily rely on contractor expertise for directly observing contract tree crews performing work
- Work verification is performed on 100% of only the EVM program each year, typically within an average of 14 days following completed work
- Current workforce encompasses a 1:5 ratio of QV inspector to tree crews with 100 QV contract inspectors staffed at peak

2021

- Ramp-up verification to include all vegetation management work (T&D), in HFTD areas on a 100% basis; Shift towards near real-time quality assessment
- Proposed QV workforce of ~360 FTE, steady-state, targeting a 1:3 ratio of QV inspector to tree crews
- Staff the VM team with PG&E inspection employees to ensure internal expertise on all aspects of Vegetation work, targeting a 1:20 ratio of VMI to tree crew

Layer 2: Electric Operations Quality Assurance Team & Veg Mgmt PMO

2020

- Presented a one-time Quality Assurance Audit of the EVM process to identify improvement opportunities (audit completed in 2019)
- Reported to CPUC's Wildfire Safety Division and Federal Monitor; VM team addressed findings & coordinated follow-up actions

2021

- Quality Assurance Assessments to be performed on a weekly basis using a statistical sampling approach for completed work
- Conduct two EVM QA audits to assess efficacy of the EVM program (1st audit) and evaluate the EVM process (2nd audit)
- Dedicated & Specialized Arborist Team, part of the VM organization, to directly liaison with Federal Monitor and CPUC's Wildfire Safety Division to be responsive on a timely basis to potential field audit findings

PG&E | Sr. Director, Risk – Special Projects

There is no such thing as a small act of kindness; every act creates a ripple with no logical end.