



**Contra
Costa
County**

To: Board of Supervisors
From: Julia R. Bueren, Public Works Director/Chief Engineer
Date: January 6, 2015

Subject: State Fire Marshal's Review of Kinder Morgan's Integrity Management Program for Pipelines in Contra Costa County

RECOMMENDATION(S):

RECEIVE report regarding the Office of the State Fire Marshal's review of Kinder Morgan's Integrity Management Program for pipelines in Contra Costa County, as recommended by the Transportation, Water and Infrastructure Committee.

FISCAL IMPACT:

No fiscal impact.

BACKGROUND:

In February 2013, Supervisor Andersen requested that the Hazardous Materials Commission (Commission) provide input on whether the Kinder Morgan pipeline running parallel to the Iron Horse Trail through Central Contra Costa County contains the adequate number of valves and the right type of valves to protect nearby communities in the event of a spill or explosion. A concern was raised by nearby residents as a result of the role inadequate valves played in the San Bruno Pacific Gas and Electric Company (PG&E) pipeline explosion.

The Kinder Morgan Pipeline is governed by federal regulations found in 49CFR 195 enforced by the Pipeline and Hazardous Materials Safety Administration (PHMSA) which is

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **01/06/2015** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I Supervisor
Candace Andersen, District II Supervisor
Mary N. Piepho, District III Supervisor
Karen Mitchoff, District IV Supervisor
Federal D. Glover, District V Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: January 6, 2015

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Stephanie L. Mello, Deputy

Contact: Carrie Ricci, (925)
313-2235

cc:

part of the Federal Department of Transportation (DOT). The relevant section of CFR195 is section 452, which governs pipeline integrity management in high consequence areas. The Kinder Morgan pipeline

BACKGROUND: (CONT'D)

is considered a high consequence area. The Office of the State Fire Marshal (OSFM) is certified by DOT/PHMSA to conduct inspection and enforcement of federal pipeline safety regulations on intrastate pipelines in California.

Federal regulations state that an operator must take measures to prevent and mitigate the consequences of a pipeline failure that could affect a high consequence area. These measures include conducting a risk analysis of the pipeline segment to identify additional actions to enhance public safety or environmental protection. Such actions may include, but are not limited to, implementing damage prevention best practices, better monitoring of cathodic protection where corrosion is a concern, establishing shorter inspection intervals, installing EFRDs (emergency flow restriction devices) on the pipeline segment, modifying the systems that monitor pressure and detect leaks, providing additional training to personnel on response procedures, conducting drills with local emergency responders and adopting other management controls.

The Commission tried to ascertain whether such an analysis had been done on this segment of the Kinder Morgan pipeline, and the results and evaluation of that analysis, by contacting Kinder Morgan, PHMSA and the State Fire Marshal.

On March 11, 2014, the Board of Supervisors approved sending a letter to OSFM requesting a review of Kinder Morgan's Integrity Management Program (IMP) for their pipelines in Contra Costa County and to share the results of the analysis with the Transportation, Water and Infrastructure Committee.

Staff from OSFM completed an inspection of Kinder Morgan's IMP in July 2014 and attended the December 4, 2014 Transportation, Water and Infrastructure Committee Meeting to present a summary of their findings.

CONSEQUENCE OF NEGATIVE ACTION:

There will continue to be questions regarding Kinder Morgan's IMP.

CHILDREN'S IMPACT STATEMENT:

Not applicable.

ATTACHMENTS

Report