Shar of the state of the state

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.

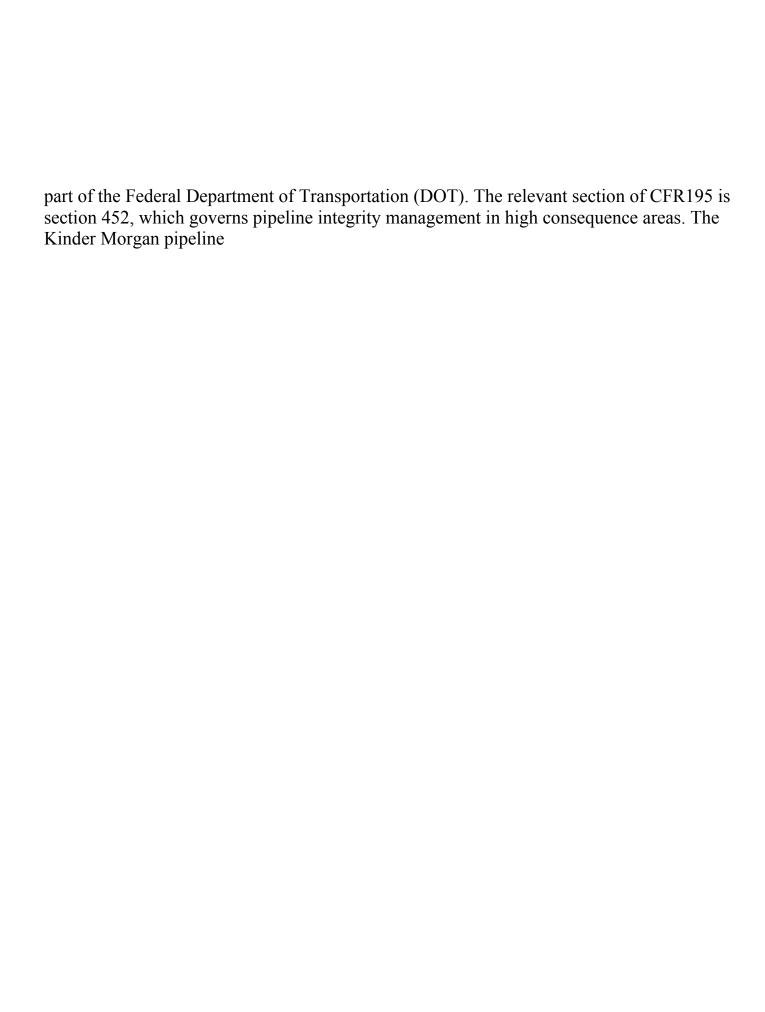
#### **BACKGROUND:**

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	
Action of Board On: <b>01/06/2015</b>	✓ 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



#### 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