



Compliance and Enforcement Division

INCIDENT REPORT

**Phillips 66 Refinery (Site #A0016)
1380 San Pablo Avenue
Rodeo, California
June 15, 2012**

On June 15, 2012 at approximately 7:00 am, a tank holding process water at the Phillips 66 refinery in Rodeo over pressured that resulted in a release of hydrogen sulfide and natural gas vapors to the air. Hydrogen sulfide vapors emit a strong "rotten egg" like odor. The refinery reported a level 2 incident (offsite impacts) under the Contra Costa Community Warning System at 8:03 am. No shelter in place was called.

The winds were from the Southwest averaging 10-15 mph and carried the odors inland along the Carquinez Straits and impacted downwind communities including Crockett and the City of Benicia. A hydrogen sulfide peak concentration of 246 ppb was recorded at Crockett ground level monitor (GLM) and a peak of 138 ppb on the Benicia East 2nd Street GLM. Ambient air samples were collected downwind and upwind of the refinery for analysis. The District received more than 59 air pollution complaints.

District and Contra Costa Health Department staff responded to the incident and will continue to monitor this incident throughout the weekend.

The cause of the incident is under investigation.