Welcome to the Chevron Refinery Fire Community Meeting
September 24, 2012
5:15 - 8:30 PM
Welcome & Introductions

- Meeting Purpose and Goals
- Sign-in sheet, agenda and handouts available at information booths
- Information available online at: www.ci.richmond.ca.us/chevronrefineryfire2012
- Special Acknowledgements
  
  Mayor McLaughlin and Richmond City Councilmembers
  Contra Costa County Supervisor John Gioia
  Congressman George Miller
  Senator Loni Hancock
  Assemblywoman Nancy Skinner
Agenda Review

• Presentations from Panelists and Agencies
  – Contra Costa Heath Services
  – Bay Area Air Quality Management District
  – Cal/OSHA
  – U.S. Environmental Protection Agency
  – U.S. Chemical Safety Board
  – Community Warning System, Contra Costa Office of the Sheriff
  – Public Health Concerns, Contra Costa Health Services
Con’t Agenda Review

• Written Q & A
• Public Q & A
• Conclusion & Next Steps
• Adjournment
Contra Costa Health Services (CCHS)

Presenter
  Randy Sawyer,
  Chief Environmental Health and Hazardous Materials Officer, CCHS

CCHS Role and Responsibility
  - Environmental Health and Hazardous Materials Programs
  - Industrial Safety Ordinance
Contra Costa Health Services

- Timeline of Actions – August 6 to present
- Hazardous Materials Response Team responded to the incident on August 6 – See Timeline Handout
- Shelter In Place, Sirens & Community Warning System
- Working with Investigation Teams
- 72-Hour Report
- 30-Day Report
Future Actions

• Additional 30-day reports
• Chevron’s Root Cause Analysis report
• Review City and County Industrial Safety Ordinances
Contra Costa Health Services

Contact Information
Name: Randy Sawyer
Title: Chief Environmental Health and Hazardous Materials Officer
Phone: (925) 335-3200
Email: randy.sawyer@hsd.cccounty.us
Website: cchealth.org/groups/hazmat
Bay Area Air Quality Management District (BAAQMD)

Jeff McKay
Deputy Air Pollution Control Officer

BAAQMD Role and Responsibility

• Inspect and Investigate
• Support Emergency Responders
  – Fire Department and others
  – Facility information
  – Compounds potentially released
  – Transport of the plume
Bay Area Air Quality Management District (BAAQMD)

• Contra Costa County alerted BAAQMD Enforcement
• Air District arrived about 5 minutes after the event
• 3 Air District inspectors responded to scene
• Notice of Violation Issued (Public Nuisance)
• Eight “grab” samples collected and analyzed by Air District laboratory
Bay Area Air Quality Management District (BAAQMD)

Actions

• Refinery rulemaking
• Convene panel of experts
• Continue investigations for other violations
• Root Cause Analysis required from Chevron
• Preventative Measure Study required from Chevron
• Work with other agencies on investigations
Contact Information

Name: Jeff McKay
Title: Deputy Air Pollution Control Officer
Phone: (415) 749-4629
Email: jmckay@baaqmd.gov
Ellen Widess
Chief, Cal/OSHA
Employers are required by law to provide a safe and healthful workplace.

Cal/OSHA’s oversight role:
• To protect workers’ health and safety on the job
• To enforce California’s workplace health and safety regulations
• To conduct on-site inspections, issue citations and penalties, investigate accidents and complaints
Timeline of Cal/OSHA activities:

• Accident investigations begin immediately
• Citations are issued within 6 months – employers can appeal any citations or penalties to independent OSHA Appeals Board
Cal/OSHA investigation of Chevron refinery fire

- Safety inspectors on site within an hour
- Constant presence since
- Established an “exclusion zone” to protect workers and preserve evidence
- Removed pipes and other evidence for testing
Cal/OSHA investigation of Chevron refinery fire

• Conducted more than 70 interviews with personnel to date
• Currently reviewing thousands of documents
• Opened two more inspections at Chevron Richmond and one at Chevron El Segundo refinery
Cal/OSHA investigation of Chevron refinery fire

• Monitoring demolition and rebuilding of fire-damaged equipment
• Coordinating with other agencies to share information and identify steps needed to prevent future incidents
Results of Cal/OSHA Investigation

• Citations for any violations found regarding the accident will be issued by February 2013
• Penalties and required correction of violations to ensure workers are protected
• Investigation file will be available after citations are issued
Environmental Protection Agency

- An EPA on-scene coordinator responded to the Chevron Refinery fire
- EPA is investigating the incident under the Clean Air Act - Risk Management Program (RPM)
- The CAA risk management program includes a general duty for companies to operate safely
- It also includes requirements for specific processes in the refinery
Environmental Protection Agency

• A EPA investigator has been on-site nearly continuously since the incident occurred, coordinating with Chemical Safety Board and Cal/OSHA

• EPA is conducting an RMP audit – we will be at the refinery the first week in October

• The EPA audit team includes HQs staff and two other EPA regions with refinery experience

• EPA’s investigation will cover management systems, safety culture and how Chevron - Richmond implements the CAA RMP
U.S. Chemical Safety Board

Presenter

Steve Cutchen – Investigator

• Role of the CSB

• Review of CSB Activities
Internet Resources:

CSB Web Page: http://www.csb.gov

U.S. Chemical Safety Board

Contact Information
Title: U.S. Chemical Safety Board

Email photos and videos: Public@csb.gov

Website with all other contact information: http://www.csb.gov
The Community Warning System

A partnership of industry, government and the media to warn and inform our community in the event of an emergency

August 6th, 2012
Chevron Fire Incident Debrief

Contra Costa County
Office of the Sheriff
Zones 1, 2, 3

Contra Costa County
Office of the Sheriff
Resounding

Contra Costa County
Office of the Sheriff
GET REAL TIME ALERTS ON YOUR PHONE

FROM: Contra Costa Health Services
FOR: Facility Location: 8411 Chevron Way, Richmond.

DESCRIPTION: This is a message from Contra Costa Health Services. There is an emergency at Chevron refinery.

INSTRUCTION: Residents in Richmond, North Richmond and San Pablo, are advised to shelter in place, go inside, close all windows and doors, turn off all heaters, air conditioners and fans. If not using the fireplace, close fireplace dampers and vents, and cover cracks around doors and windows with tape or damped towels. Media News networks will

Shelter In Place - sent 18:36:27 PDT 20

Contra Costa County
Office of the Sheriff
GET REAL TIME ALERTS ON YOUR PHONE

From: Contra Costa Health Services

For: Facility Location: 841 Chevron Way, Richmond

Description: This is a message from Contra Costa health services. There is an emergency at Chevron refinery.

Instruction: Residents in Richmond, North Richmond and San Pablo, are advised to shelter in place, go inside, close all windows and doors, turn off all heaters, air conditioners and fans. If not using the fireplace, close fireplace dampers and vents, and cover cracks around doors and windows with tape or ducted towels. Media News networks.

Shelter In Place - sent 18:41:15 PDT 2
Twitter & Facebook

Contra Costa CWS
@CoCoCWS

Shelter In Place (cococws.us)

6:38 PM - 6 Aug 12 via JTwr · Embed this Tweet
What went Wrong?

CWS Activation

Contra Costa County
Office of the Sheriff
Contra Costa County
Office of the Sheriff

What we found . . .

• Zone 0 - 46 minutes

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<th>Count</th>
<th>Percent</th>
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• Zones 1,2,3 – 3 hours

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<td><strong>17420</strong></td>
<td><strong>100%</strong></td>
</tr>
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• Duplicate calls, incomplete messages

• Cell phones received alert faster
Contra Costa County
Office of the Sheriff

What’s Next?

• Selection process for new TENS vendor
• Revise automatic system messages
• Promote other forms of alerting
  • Cell phone
  • Text via “Fast Follow”
• Twitter & Facebook
• Websites
• Old standby’s:
  • TV & Radio
BEFORE an emergency:

- Sign up for VOICE alerts on your cell phone at: http://www.cococws.us
- Get TEXT alerts with Twitter’s “Fast Follow” Just text “follow CoCoCWS” to 404040
- Like us on Facebook
- Bookmark website to see a map of alert
- Buy a weather radio
- Put info lines on speed-dial
  925-335-3232
  1-888-959-9911
Coming Soon...

- Shelter-in-Place messages in Spanish
- Revamped Website to include...
  - By address, radius, city, county
  - Voice
  - Text
  - Email
- Mobile APP for iPhone, Android
- CMAS – Federal Program still in works
  * NO registration required!
Community Warning System

Katherine Hern
Emergency Services Division
50 Glacier Drive
Martinez, California 94553
(925) 313-9622
Presenter

Dr. Wendel Brunner
Public Health Director

Public Health Role and Responsibility

- Health Officer the evening of the fire and helped to determine the “All Clear”
- Worked with Emergency Medical Services on their response
- Assessing the Health Impact
Contra Costa Health Services

Contact Information
Title: Wendel Brunner, M.D.

Website with all other contact information:
http://www.cchealth.org
(925) 313-6712
wendel.brunner@hsd.cccounty.us
Chevron Refinery Update
Proposed Fenceline and Community Monitoring Locations

Legend
- Proposed Fenceline Monitor locations – 3 total
- Proposed Community Monitor locations – 3 total

Wind 10-20%
Wind 80-90%
Chevron Fenceline and Community Monitoring

Fenceline Monitor

Community Monitoring Station
Contact Information

Heather Kulp
Manager, Community Engagement
(510) 242-2754
Email: Heather.Kulp@chevron.com
*Submitted Q & A

*Written questions received via cards
Public Q & A
(1-2 minutes per question)
Conclusion & Next Steps
Adjournment