Contra Costa County
HAZARDOUS MATERIALS COMMISSON

Draft Minutes
June 23, 2016

Members and Alternates Present: Don Bristol, Lara DeLaney, Steve Linsley, Jim Payne, George Smith, Leslie Stewart, Tim Bancroft (alternate), Jack Bean (alternate), Rich Kinney (alternate), Aaron Winer (alternate)
Absent: Rick Alcaraz, Ralph Sattler, Usha Vedagiri, Matt Buell (represented by alternate), Fred Glueck (represented by alternate), Frank Gordon (represented by alternate), Mark Ross (represented by alternate),
Staff: Michael Kent, Randy Sawyer,
Members of the Public: None

1. Call to Order: Chair Smith called the meeting to order at 4:12 p.m.

Announcements and Introductions:

 Michael Kent announced:
- There will be no July Commission meeting, but instead there will be a meeting in August to consider the Environmental seat alternate position.
- Jody London has been hired as the new Sustainability Coordinator for the County and will be housed in the Department of Conservation and Development
- There will be one more meeting in the upcoming months to review the proposed changes to the ISO before going to the Board for approval.

Commissioner Bean announced that on July 21st the Industrial Association luncheon speaker will be Guy Burke from the City of Concord discussing the redevelopment of the Concord Naval Weapons Station from 11:00 to 1:00 at Zio Fraedo's in Pleasant Hill.

2. Approval of the Minutes:

The minutes of the April 28, 2016 meeting were moved by Commissioner Payne, seconded by Commissioner DeLaney, and passed 9-0-2 with Commissioners Kinney and Winer abstaining.

3. Public Comments: None

4. Hazardous Materials Programs Report:

Randy Sawyer, Hazardous Materials Program Director, reported that Federal OSHA is looking at modifying their Process Safety Management (PSM) regulations to make them look similar to the requirements in the Industrial Safety Ordinance, but is looking at increasing the number of chemicals regulated. They are just getting started in the process.

Hazmat has hired three new CalARP engineers. Two are just out of school and one has some industrial experience. They have just gone through 10 days of training on PSM/RMP regulations.

ConFire is getting a new hazmat vehicle from the State from a fund that was created by a new oil spill tax. Hazmat is coordinating with them on the use of the vehicle.

Hazmat has had a number of "white powder" calls from several facilities that have turned out to be nothing.

There was a recent nighttime flaring event at Chevron that generated calls because of the illumination, but it did not present a public health threat and the Community Warning System was not activated.

Hazmat is still planning to have one staff person full time at Chevron starting at the beginning of 2017, once the new hire has gone through all of their training.

5. Operations Committee Report:

 The committee reviewed and provided input on a survey that is being developed to gauge public attitude about pharmaceutical disposal issues that will be used to support the finding of a pharmaceutical ordinance being considered by the county. They also discussed possible subjects for a guest speaker during the fall planning retreat and reviewed and discussed the new federal EPA Environmental Justice policy

6. Planning and Policy Development Committee Report:

The committee did not meet in June.

7. Old Business: None

8. New Business:

a) **Presentation on Industrial Cyber Security by Deron McElroy, Cyber Security Advisor, US Department of Homeland Security**

Mr. McElroy began his presentation by laying out the main challenges he sees for industrial cyber security:

1) Attackers are increasing their technical advantage over defenders
2) There is more and more data available to attack
3) The numbers of attackers has increased
4) The attacks are more sophisticated

The two biggest ways that industries get computer infections are from phishing (indicating that the industries did not adequately train their staff not to open suspicious e-mails) and through

unknown means (indicating that the industries only found out about being infected long after the fact and were unprepared).

Mr. McElroy said that hacking into computer users has never been easier. He gave the example of a web site called Shodan that lists unsecured internet connections and an operating system call Kali that is free on the internet that enables a user to attack unsecured systems. Using these two tools together enables even a relatively unskilled hacker to succeed.

Mr. McElroy said his department offers assistance to companies to protect their computer systems and their approach focuses more on management than hardware. They ask users to consider a series of questions that will make them more resilient to attack:

- How do you know if your efforts are going well?
- Where do you get your information?
- Is your staff well trained?
- What is at risk of being hacked?
- Do you have a plan and do you exercise it?
- Who is accountable for your plan?
- Can you sustain operations after an attack?

As part of Executive Order (EO) 13636, the Department of Homeland Security (DHS) launched the Critical Infrastructure Cyber Community or C³ (pronounced "C Cubed") Voluntary Program to assist the enhancement of critical infrastructure cybersecurity and to encourage the adoption of the National Institute of Standards and Technology's (NIST) Cybersecurity Framework. They can be contacted at US-cert.gov/ccubedvp. They also provide assistance to municipalities, and grants are available if a DHS review suggested it. They can put on workshops for a group of businesses within a county, but must be set up at least 3 months in advance.

Commissioner Smith asked what type of screening is available when hiring IT people. Mr. McElroy said this is a tough issue because lots of potential IT staff have done hacking at some point, and it is hard to know a potential employee's vulnerabilities (like needing money) that might lead them to hack your system or help someone else hack your system for money. He also said that people bringing their personal computer devices to work can make this easier because they can be used to introduce malware onto a system. He said that drones can also be used to hack into systems if they can get close enough to transmission towers.

9. Reports From Commissioners On Matters of Commission Interest: None

10. Plan Next Agenda:

No July meeting, but in August will review the recommendation from Operations Committee concerning the appointment to the Environmental alternate seat.

11. Adjournment: The meeting adjourned at 6:00 p.m