

Environmental Management Department

Monthly News...April 2014

LISA JAMESON RECEIVES 2013 RALPH HUNTER AWARD

County Board of Supervisors

Phil Serna, 1st District

Jimmie Yee, 2nd District

Susan Peters, 3rd District

Roberta MacGlashan, 4th District

Don Nottoli, 5th District

Bradley Hudson, County Executive

Val Siebal, Director,
Environment Management
Department

Lisa Jameson, supervisor of the Local Enforcement Agency (LEA) Program at EMD, was presented with the 2013 Ralph Hunter Award. This award is given in recognition of an individual who has made a major impact to the LEA/solid waste field in California by development of: a special or new pro-

gram, involvement with educational activities, committees and/or workgroups, permitting and/or enforcement, or special achievement that enhances the protection of public and environmental health. Through her extensive experience with difficult enforcement and site remediation cases in Solano and Sacramento counties, Lisa has become a resource for other LEA's navigating the enforcement process. Lisa's effective leadership has been displayed by providing technical trainings to LEAs in California, con-

tributing significantly to solid waste enforcement, and participating on state and local workgroups and committees, which include: acting as Chair of the North Central LEA Round Table (includes 14 counties), acting as Vice Chair of the Enforcement Advisory Council in September 2012, participating on the steering committees for the LEA/CalRecycle Technical Trainings from 2008-2013, and serving on the board of the California Environmental Health Association from 2004-2005.



Lisa Jameson at CalRecycle conference, receives the 2013 Ralph Hunter award

EMD STAFF MAKE THREE PRESENTATIONS AT CALRECYCLE'S ANNUAL TECHNICAL TRAINING

Cal Recycle held its annual technical training in Ontario, California this year with many of EMD's knowledgeable staff serving as presenters at the various break out training sessions.

ES III, John Lewis co-presented with Nevin Yeates (of Cal Recycle) on using the three part test to determine whether a facility qualifies as a recycling center and is not subject to the California Integrated Waste Management Board regulations. Recycling Centers must : accept only source sep-

arated material; have less than 10 percent residual waste; and have less than 1 percent putrescible, which is organic material that is still actively decomposing and capable of causing noxious odors. Unless a facility meets all of the three part requirements, it is subject to regulation as a solid waste facility, pursuant to the CA Code of Regulations.

ES II, Victoria Pena co-presented with Agnes Vi-vuan (of Contra Costa County) on strategies for coordi-

nating with other local agencies in joint inspections of operations that do not meet the three part test, and are not considered regulated recycling facilities.

Lisa Jameson (see picture in first article) co-presented with Tim Kraus (of Contra Costa County) and Steve Santa Croce (of Cal Recycle) on the subject of enforcement actions and follow-up for facilities not meeting the three part test .



Victoria Pena and John Lewis



Honey Oil Lab



Honey Oil

EMD INCIDENT RESPONSE SEES INCREASE IN DRUG LAB HAZARDOUS RESPONSE

by John Elkins

Honey Oil (also referred to as "wax," "nectar," "full melt," "budder," and "hash oil") is a form of cannabis and is manufactured illegally in clandestine laboratories. It contains an unusually high tetrahydrocannabinol (THC) content, that can range from 30% - 90% by weight, which has led to its growing popularity across the western United States.

Honey oil is most typically smoked but can be vaporized or eaten. In the past several months, the Sacramento County Incident Response Team has responded to at least 8 illegal labs and this trend is increasing all over the State of California. Most Honey Oil labs are discovered due to explosion or fire caused by the extreme volatility of the

manufacturing process. On April 23, 2014, the Sacramento County Environmental Management Department will host a training focusing on the manufacturing process and associated hazards of honey oil for local

emergency responders.



John Elkins

CALIFORNIA ENVIRONMENTAL HEALTH ASSOCIATION CONFERENCE

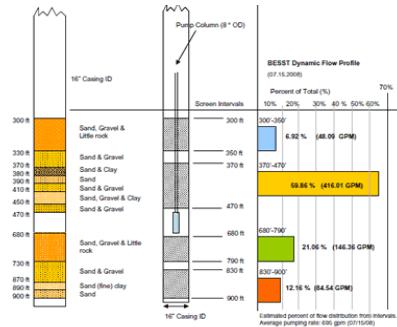
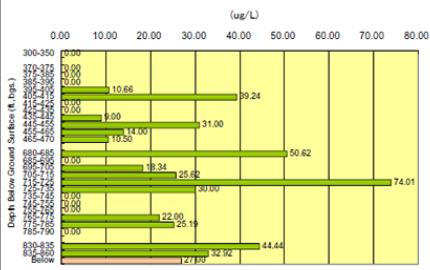
Many EMD staff attended the California Environmental Health Association's annual statewide conference in Napa in March, 2014. Topics presented at the conference included cutting edge research on the use of nanotechnology, converting food waste to energy initiative, food safety in the supply chain and numerous others.

Another item of interest from CEHA gleaned from the Arsenic Series. During Victorian times, arsenic was used to lighten complexions and bring out rosy cheeks. We certainly don't do that anymore and, the EPA has set the arsenic maximum contaminant level for drinking water to 10ppb. A private company BESST, INC., now has the technology to summarize flow and contaminant distribution in a well by shooting rhodamine dye, NSF 60 and approved for use in potable water sources, down the injection tubing into the well, then producing a map of the specific layer of ground water within the well that is contaminated. The screen in the well casing that draws from that specific layer of contaminated ground water can then be plugged, thereby selecting the desired water from the well. This method can eliminate, or greatly reduce, the amount of treatment needed to bring arsenic contaminated wells into compliance. Instead of redoing wells with new cas-

ing and expensive treatment, drawing from the contaminated groundwater layer can be stopped or reduced.

Another highlight of the CEHA conference was the swearing in of ES II Elisabeth Olson and ES III Tuan Nguyen as the new President and President Elect of the CEHA Superior Chapter. Congratulations Elisabeth and Tuan!

**"What's wrong
with peeing in
pools?"**



Sample arsenic and flow map produced from Tracer Pulsing

One take-away from the conference was "What's Wrong with Peeing in Pools?" The answer, from our staff pool expert ES IV Colleen Maitoza, is that urea combines with chlorine to produce carcinogenic chlorine by-products and adds to chloramines which cause lung and eye irritation. Ozone, or O₃, is a great oxidizer for removing the illness causing germs from the pool water and getting rid of chloramines that cause the lung and eye irritation. Used with chlorine as a secondary disinfectant, it is an effective and safe way to maintain pool water.

ESIII Chris Hunley relayed

ESIII Chris Hunley relayed



Elisabeth Olsen



Tuan Nguyen

Food Safety Education Hazardous Material Plan Workshops

There were five onsite Food Safety Education classes conducted in March 2014, with a total of 88 participants representing 23 facilities. Two classes were conducted in English, two in Spanish, and one in Cantonese.

The Environmental Management Department offered two Hazardous Material Plan Portal Workshops during March 2014. There were nine individuals that attended these workshops, representing seven businesses. During the workshops, EMD staff provided regulated businesses an overview of the electronic reporting process and also

the process of submitting their Hazardous Waste Plans electronically. Hazardous waste plans are mandate by the California Environmental Protection Agency to be electronically submitted, effective January 1, 2013.

MINI MARTS STRUGGLE WITH COMPLIANCE REQUIREMENTS

The Director and the Air Pollution Control Officer met with Supervisor Serna to discuss ways to help mini-mart owners stay in compliance. Mini-marts that sell petroleum products are some of the most regulated businesses in California. One of

the issues identified was that some small business owners are unaware of the various requirements for those businesses and how to comply with them after they have purchased the operation. As a result of the meeting, EMD is in the process of

translating EC compliance underground storage tank training videos to Punjab and Spanish to assist a sizable portion of mini-mart owners.

"EMD is in the process of translating EC compliance videos to Punjab and Spanish"

New Hires

Christine Kim, Accounting Technician 3/24/14

Stephanie Ingalls, Accounting Technician 4/6/14

Monica Erkeneff, Student Intern 4/7/14

March 2014 by the Numbers

Mar-14

Food Facility Placards Issued

A. Green – Pass	666
B. Yellow – Conditional Pass	39
C. Red – Closed	2

Inspections

1. Above Ground Storage Tank	3
2. Body Art	10
3. Food Protection (includes reinspections and food events)	819
4. Farm Labor Camps	4
5. Public Swimming Pools/Spas	1
6. Solid Waste Facilities (landfills/transfer stations)	19
7. Liquid Waste	11
8. Medical Waste	9
9. Small Water Systems	2
10. Wells	50
11. Businesses/Facilities Generating Hazardous Waste	142
12. Businesses/Facilities Storing Hazardous Materials	170
13. Underground Storage Tank Facilities	42
14. Storm Water Non Food Facility	222
15. Waste Tire	27
16. Tobacco Retailer	25
17. Commercial/Multi-Family Recycling	195
18. Refuse Vehicle Inspections	6
Total	1,757

Investigations

1. Abandoned Well Program	19
2. Body Art	2
3. Consumer Complaints	45
4. Food Borne Illness	11
5. Incident Response	15
6. Solid Waste	2
7. Storm Water	1
8. Waste Tire	
9. Childhood Lead	
Total	95

Class Attendance

1. Food Safety Education (Food School)	88
2. Hazardous Materials Business Plan (HMP) Workshop	9
3. "How To Get A Green Placard For Food Inspection" Workshop	0

Total

Plans, Permits, and Reviews

1. Hazardous Materials Business Plans	496
2. Body Art	1
3. Monitoring Wells/ Water Wells	147
4. Food Facilities	53
5. Public Swimming Pools/Spas	21
6. Underground Storage Tanks - Includes Removals, Installations, Upgrades and Repairs	26
7. Land Use	10
8. Local Oversight Program	12
9. Cross Connection Permits (Blue Tags)	2,294

Total

Information Management

1. Documents Imaged	11,119
2. Public Record Reviews	1
Total	11,120
