

Kings County CUPA Advisory Committee Meeting Notes – 16 April 2008

Introductions:

Those in attendance introduced themselves (attendance sheet attached). The meeting was held at the Kings Waste & Recycling Authority located at 7803 Hanford-Armona Road in Hanford.

Update on CUPA Related Proposed Legislation:

1. **AB 558** – Introduced by Feuer. This bill is part of the CalEPA Green Chemistry Initiative. Among other things, AB 558 would add an additional reporting requirement to the hazardous materials business plan. If passed, the bill would amend HSC section 25509 and require that the total amount of each hazardous material or waste that was handled by the facility in the previous calendar year be reported as part of the HMBP annual inventory update. The first report could be due in CY2009.
2. **AB 2286** – Introduced by Feuer. Unified hazardous waste and hazardous materials. This will allow an increase in the existing CUPA oversight surcharge by \$25 per year, not to exceed 3 years. This will allow for funds to be raised for electronic reporting systems to be developed so that businesses could submit information electronically to local agencies and allow data sharing between local CUPA agencies and CalEPA.
3. **AB 2990** - UST spot bill – Introduced by Laird. Calls for a task-force to make recommendations for the closure of all single-walled petroleum USTs by some future date; this would require an upgrade to double-walled or aboveground systems. It would also provide additional funding mechanisms through the UST Cleanup fund to assist small businesses.
4. **AB 3031** – Introduced by Lieber. Hazardous Materials, California Green Chemistry Initiative. Four major challenges identified as (1) moving towards a cradle-to-cradle framework, (2) stimulating the green chemistry challenge, (3) Identifying toxics in products by design, (4) Identifying toxics in products by accident. A final policy is expected by July 1, 2008. CalEPA will be developing a database to share this information.
5. **SB 1161** – Introduced by Senator Lowenthal. Petroleum UST Clean Up Fund. This bill extends the sunset date of the fund from January 1, 2011 to January 1, 2016.

Other CUPA related updates:

Aboveground Petroleum Storage Tank Program –

1. AB 1130 took effect on January 1, 2008 and transferred the AST program from the SWRCB to the CUPA. An \$8 million fund from previous fees collected by the State will be made available to CUPAs throughout the State through a grant process to fund the local programs for the 2-year implementation period. No fees can be charged by CUPAs for this program until 2010. Additional public outreach and assistance will be made available during the initial program implementation. More information about this program can be found on the EHS website at http://www.countyofkings.com/health/ehs/haz_agt.htm

Underground Storage Tank Program

1. Changes to various UST forms have been approved and are now in regulation. This includes the UST permit application forms and written monitoring plan forms. Links to the amended forms can be found on the EHS website at http://www.countyofkings.com/health/ehs/haz_storagetanks.htm
2. Recent updates to SWRCB guidance letters and fact sheets were made available and briefly discussed with the group.

Business Plan Program

1. New Business plan forms completed the regulatory approval process in December 2007 and should be used for all future updates. Links to these forms can be found at http://www.countyofkings.com/health/ehs/haz_business.htm Also, check www.unidocs.org for links to other forms and information about hazardous materials programs.

Miscellaneous:

1. Our guest speaker was Morgan Lambert, Supervising Air Quality Inspector. For more information, Morgan can be reached at (559) 230-5954 or via email at morgan.lambert@valleyair.org A copy of his presentation on AST/UST Enhanced Vapor Recovery requirements is enclosed.
2. Kings Waste Recycling Authority has a new director, Jeff Monaco who replaced Mike Adams. The next scheduled Household Hazardous Waste collection day is to be held on Saturday May 10th from 9:00a.m. to 2:00p.m.

Next Meeting:

1. The next meeting will be held at the Kings Waste & Recycling Authority located at 7803 Hanford-Armona Road in Hanford in **April 2009 at 10:00 a.m.** The exact date is to be announced at a later time. Please plan to attend this important and informative meeting.

Respectfully Submitted by: Crystal Curtis

Kings County CUPA Advisory Meeting

April 16, 2008

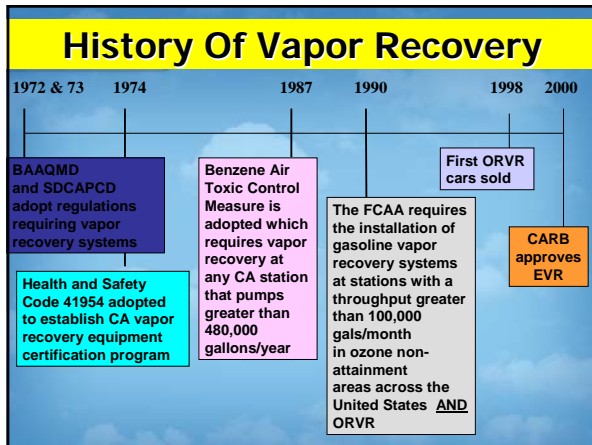
Sign-In Sheet

Name	Organization	Email Address
1. Tim Fillmore	Kings County EHS	Tim.Fillmore@co.kings.ca.us
2. Susan Lee	Kings County EHS	susan.lee@co.kings.ca.us
3. John Laboa	City of Hanford	jlaboa@hanford.co.us
4. KEVIN SJOSTRAND	ROE OIL CO., INC	Kevinse@roeoil.com
5. Craig Truc	Exopack LLC.	Craig.Truc@exopack.com
6. Bill Smith	NAS LEMOORE	william.smith@navy.mil
7. Edward Long	Lemoore Navy Air Station	edward.long@navy.mil
8. Deanna Eagle	Calarco, Inc.	deagle@calarco.net
9. Bob Uyemura	Calarco, Inc.	buyemura@calarco.net
10. Carolyn Pande	DelMonte Foods	carolyn.pande@delmonte.com
11. Crystal Curtis	JSC Boswell Co.	ccurtis@jgboswell.com
12. Johnny Starling	Nichols Farms	jstarling@nicholsfarms.com
13. Morgan Lambert	SSVUAPCD	morgan.lambert@valleyair.org
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Enhanced Vapor Recovery

Morgan Lambert
Supervising Air Quality Inspector
San Joaquin Valley APCD



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“Why Enhanced Vapor Recovery?”

- Equipment in field not working as certified
- SIP Settlement Agreement Emission Reductions
- Onboard Refueling Vapor Recovery (ORVR)

EVR addresses all of these areas!

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GDF Vapor Recovery Benefits

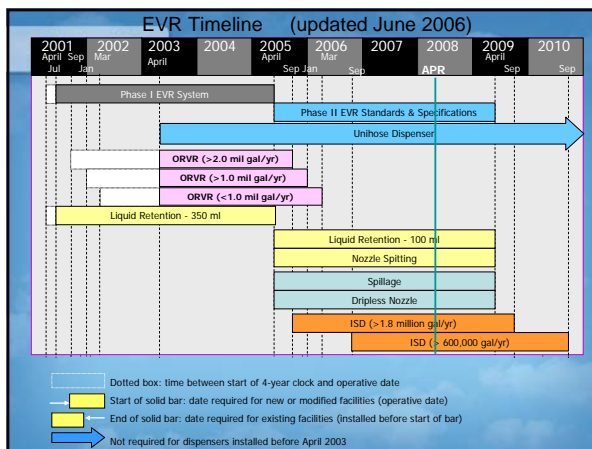
- 16 billion gallons/year CA gasoline sales
- Uncontrolled emissions of 8.4 lbs of gasoline vapor for each 1000 gallons gasoline transferred
- 347 tons/day vapor recovery emission reductions from pre-EVR systems
- 25 tons/day from Enhanced Vapor Recovery

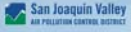
Total Benefit: 372 tons/day or 120,000 gallons liquid gas/day or \$360,000 savings/day (\$3.00/gal)

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EVR Improvements

- More stringent certification requirements
- “Dripless” nozzles – less spillage
- Control of fugitive emissions
- Better components – less system leaks
- Compatible with vapor recovery systems on newer vehicles (ORVR)
- Vapor recovery system monitor (ISD)






Phase II EVR 2009 Deadline

- **Statewide, approximately 12,000 GDFs have 12 months to upgrade to EVR Phase II systems!**
 - Obtain permits
 - Purchase equipment
 - Install using certified contractor
- Potential contractor shortage if wait until last minute



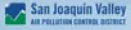
EVR Phase II Certified Systems

- Two EVR Phase II systems certified!!!!
 - Healy EVR Phase II System (assist)**
 - Not including ISD: VR-201
 - Including ISD: VR-202
 - VST EVR Phase II System (balance)**
 - Not including ISD: VR-203
 - Including ISD: VR-204
- Other systems currently in cert process
- Takes about 1 year to complete certification




Balance vs. Assist EVR Systems


- Most GDF operators believe EVR balance system will be cheaper than EVR assist as they already have the balance system
- Total cost depends more on which EVR processor fits with GDF site layout
- Healy: large and may need enclosure, but no electrical or sensors
- VST: small, but requires 2 vent lines, electrical & sensor conduit (even the non-ISD version)

 **ICC Vapor Recovery System Installer Exam**

- ICC = International Code Council
- Maintain exams for UST program
- Exam panel includes ARB, SWRCB, contractors and gasoline marketers
- Exam available as of March 2007

 **In-Station Diagnostics (ISD)**

- Identifies failures automatically
- Notifies station operator
- Reduces emissions by early detection and prompt repair
- Supplements district inspections
- Concept similar to OBD for vehicles
- Tie-in to existing UST leak monitors

 **ISD Implementation Deadlines**

> 1.8 million gallons/yr	600,000 – 1.8 million gallons/yr	≤ 600,000 gallons/yr
New and Major Mod Sites: Sept. 2005	New and Major Mod Sites: Sept. 2006	Exempt From ISD
Existing Sites: Sept. 2009	Existing Sites: Sept. 2010	

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Total Estimated Cost for EVR Phase II and ISD

	Number of Dispensers			
	2	4	6	12
EVR Phase II	\$17,240	\$24,925	\$32,765	\$56,285
ISD	\$13,600	\$16,500	\$19,700	\$28,900
TOTAL <small>(rounded to nearest \$100)</small>	\$30,800	\$41,400	\$52,500	\$85,200

Does not include cost to replace dispensers, obtain permits, install electrical lines or conduct start-up tests

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RUST program

- Small business assistance to comply with SB 989
- Also covers Enhanced Vapor Recovery and electronic monitoring system (ISD)
- Grants: \$3,000 to \$50,000
- Loans: \$10,000 to \$750,000
- www.waterboards.ca.gov/cwphome/ustcf/rust.html

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Questions?
