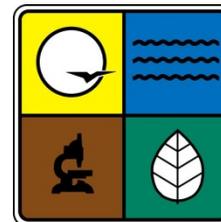


Air Pollution Control Program Vapor Recovery Stakeholder Meeting

Kyra Moore
March 22, 2013



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History - Stage II

- St. Louis is a nonattainment area for Ozone
 - Not meeting federal standards
 - Requires area to implement strategies and controls to reach attainment
- Stage II implemented in 1980s as a control strategy for the St. Louis area to reduce volatile organic compound emissions, a precursor to ground level ozone
- Stage II equipment captures VOC emissions present during refueling

Onboard Refueling Vapor Recovery

- “ORVR”
- EPA required phase in of onboard refueling vapor recovery or ORVR in the motor vehicle fleet starting in mid 1990’s
- This equipment, in your automobile, also captures VOC emissions during refueling
- Present in all 2006 and newer vehicles
 - Also present in many produced after 1996

How and Why We Got Here

- May 2012 – EPA finalized the “Widespread Use Rule” stating that ORVR systems are in widespread use nationally
- States allowed to phase out Stage II equipment that captures vapor recovery at the gas pump
- States must demonstrate that the removal of the equipment will not affect air quality

Normal Process

3-5 years before decommissioning start

- EPA finalizes a rule
- State amends/revises state rule - 5.220
- Rule goes through public comment/hearing process ~18 months
- State submits rule revision and change to State Implementation Plan to EPA (plan allows Department to act as the authority of the Clean Air Act in the state)
- EPA approves SIP ~1 – 3 year process

Different Approach – Why?

- Would have faced situation where new stations would have to install equipment or existing stations would have to upgrade equipment for a rule that we knew would not exist in near future
- Common Sense
- May have caused confusion and unintentional non-compliance

What We Are Doing/Have Done

- Worked closely with EPA to develop a draft plan and demonstration to show no negative impact
- Now that we have a draft plan
 - Established specific procedures for technical aspects of decommissioning
 - Allowing decommissioning to begin with written approval of the department
- New facilities started late in 2012. All facilities allowed as of March 15, 2013

What We Are Doing (continued)

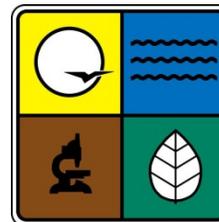
- Proceeding with ‘normal’ process concurrently with decommissioning process
 - Starting the process to remove Stage II requirement from state rules
 - Stage I still in place
 - Trying to address items in the rule beyond Stage II – from previous vapor recovery workgroup
- Keeping in mind that St. Louis is still an ozone nonattainment area

Questions so far?

Moving on to
decommissioning.....

Decommissioning Process

Nicole Eby
Darcy Bybee



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Equipment maintenance

- Maintain your equipment including Stage II until it is **completely** removed. Inspectors will continue to conduct inspections.
- If Stage II remains in place at a facility it must be maintained for emissions, health and safety reasons.
- Don't remove any part of the Stage II system without the prior approval of the department (i.e. your construction permit).

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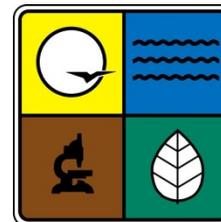
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Questions on Decommissioning?

Please contact us any time you have questions! Contact information at end of presentation and on agenda.

Control of Petroleum Liquid Storage, Loading and Transfer Rulemaking

Stan Payne



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Rulemaking Will Address

- Remove Stage II
- Replace MO/PETP with CARB certification/testing
- Retain restriction on ASTs > 1,000 gallons
- Require operating permits every 3 years and post construction
- Construction permit for Stage I modification
- Codify fees collected for permitting

Rulemaking Will Not Affect

- Stage I 98% efficiency requirement
- Petroleum storage tank requirements
- Gasoline loading requirements

Tentative Rulemaking Schedule

- Draft rule text/RIR 60-day comment period
(try for 4th quarter this year)
- Public hearing
(summer next year)
- Adoption
(summer next year)
- Rule effective
(tentative 4th quarter next year)

Questions?

More Information:

Vapor Recovery/Widespread Use

Web Page:

<http://www.dnr.mo.gov/env/apcp/vaporrecovery/epawidespreaduserule.htm>

- Click on the  Click to receive updates on this issue. to sign up for email updates

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Natural Resources

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