

After the Sunset.....Where to From Here?

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Used Oil Recycling and Household Hazardous Waste

Training & Conference

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AFTER THE SUNSET

IN THEATERS NOVEMBER 12

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Just Where Are We?

- DTSC did not extend exemptions for UW lamps, batteries, thermostats or electronic devices generated from households or CESQUWGs
- Exemptions expired February 8th, 2006
- These wastes must now be managed the same as all other UW; they must be recycled or disposed of as hazardous waste.

**Will we be crushed by the
“universal” wave?**



How Bad Is It?

SPECIAL REPORT

HIGHWAY SAFETY
EXPOSED!

THE SKY IS FALLING

ALIEN ATTACK?
GOVERNMENT COVER-UP?
PARANORMAL PHENOMENON?



TUNE IN TO KSRL NEWS AS WE
DIG UP THE DIRT AND LEAVE
NO STONE UNTURNED.

 **KSRL**
Gerald Rivers - ON LOCATION

PRESENTED BY KSRL AND
STONY HOLLOW PRODUCTIONS

 **OSHA**
 **CDC**

History of The Exemption

- **When:** In 2001, prior to which these wastes were subject to full HW requirements
- **Why:** To allow time for collection and recycling infrastructure to develop

Perspectives: **Extend** **Because...**

- Inadequate resources to pay for increased volumes of waste
- Inadequate collection infrastructure, particularly in rural areas
- We don't know what a UWED is
- Unenforceable (without clear guidance from state)
- Public not prepared

Perspectives: Sunset Exemption Because...

- Extending the exemption won't promote development of infrastructure needs
- DTSC can't solve fiscal issues by regulation
- Recycling capacity exists
- Electronic Waste Recycling Act has built infrastructure for electronic devices
- Expiration stimulates retailer and manufacturer programs

What's a UWED?

- In addition to devices identified for SB 20, DTSC has tested the following electronic devices:
 - CPUs, printers, radios, microwaves, VCRs, cell phones, cordless phones, telephone answering machines.
 - They all failed CA hazardous waste thresholds
 - DTSC recommends that these devices be managed as UWEDs
 - Not presuming that other electronic devices are UWEDs simply due to presence of circuit boards

Enforcement

- DTSC coordinating w/ CIWMB, LEAs and CUPAs on enforcement
 - CIWMB letter to LEAs (1/13/06)
 - FAQs on DTSC web site under Hot Topics:
 - <http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/index.cfm>
 - Joint DTSC/CIWMB Guidance
- Focus will be on complaints and violations that pose immediate and significant risks

Why is U-waste an Issue Today?

- Sufficient infrastructure for collection & recycling not developed during exemption
- The problem for local government:
 - Increased volumes of material at HHW facilities. Public needs more options
 - Need to inform public how & where to dispose of U-Waste
 - 100% recycling = \$40+ Million estimated annual cost to local jurisdictions for collection, handling & management

New Models: Retailer & Recycler Partnerships

- Rechargeable Battery Recycling Corp
- Thermostat Recycling Corp
- MDS and Ace Hardware Lamp Pilot :
"Long Orange Bags"
- Kinsbursky Bros. "Big Green Box"

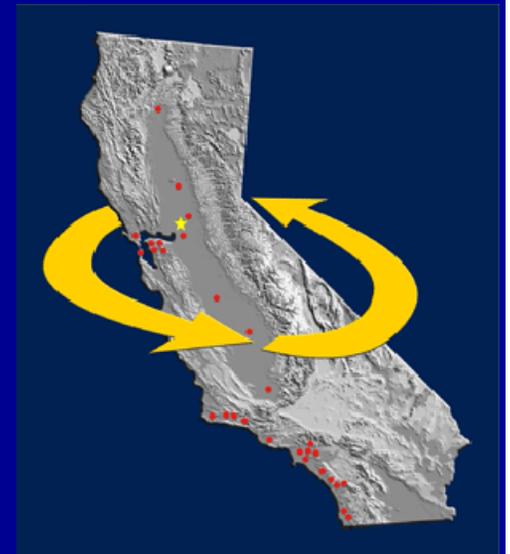
California Take-It-Back Partnership

- Voluntary effort to provide convenient collection opportunities
- Builds upon success of local model programs
- DTSC and CIWMB outreach campaign to retailers at corporate level
- Provides statewide branding & marketing opportunities to bring customers into stores



How It Works: Partnership Agreements

- Retailers agree to provide convenient location for consumers to drop off batteries, lamps or some e-devices
- DTSC/CIWMB team provides advice, statewide outreach, web-support materials & links to local partners



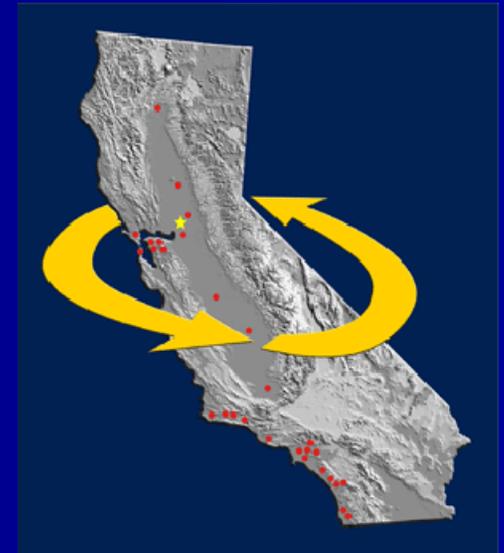
Take-It-Back Partnership Activities Thus Far....

- Statewide Recognition Event for local partnerships
- April 20 Press Conference
- Radio & Video PSAs
- Press Kits



What We Need From You

- Who should interested retailers contact on your staff?
- Feedback on materials to support Partnership
- Success stories and barriers



What DTSC and CIWMB Have Been Doing...

- Formed the “U-Team” to co-ordinate all u-waste projects & programs to prevent duplication
- Provided Support for Local Programs:
 - Focused last five HHW Grant Cycles on U-Waste
 - Piloted local retail take-back options
 - Focused HHWIE bi-monthly meetings on U-Waste
- Data collection: Streamlined Form 303 data collection to include U-waste and E-waste
- Provided Regulatory Guidance
 - Developed FAQs in response to inquiries
 - Posted advisory to LEAs on U-waste (P&E)

What Needs to be Done?

- Education and Outreach:
 - Local Program Support (HHWIE, Conference, etc.)
 - Print, Media & Web Resources
 - BMPs (Lamp and Battery Management)
- Regulations:
 - Final ewaste regs will be public noticed soon
 - Universal Waste regulations (CCR title 22, Chapter 23) will be streamlined
- Financing Strategies to Expand U-Waste & HHW Collection

Funding: No One Solution

- Annual HHW Grants
- Local government options:
 - Increase solid waste fees
 - Fee for service
 - Partner with private vendors and retailers
- Legislative solutions ala SB 20 (AB 2271 for batteries, AB 3001 for PCs)
- Producer Responsibility?



Short Term Priorities

- HHW Grant cycle to focus on U-waste (CIWMB Grants due May 31, 2006)
- Web page revisions to highlight U-Waste & link with DTSC/CIWMB and local jurisdiction web pages
- Launch California Take-It-Back Partnership
- Continued development of FAQs
- Finalize E-Waste Regulations (DTSC)

Mid Term Priorities

- Award Grants for county-wide u-waste coordination planning (August 2006)
- Award \$ 4 million in Infrastructure Grants for new/expanded facilities or U-waste programs
- Develop How-To Guides on setting up local collection programs
- Streamline Universal Waste regulations (CCR title 22, Chapter 23)

Mid Term Priorities

- Continue Outreach & Program Development on Take-It-Back Partnership
- Facilitate stakeholder (state/local govt, retailers, manufacturers, NGOs, public) dialog on issues and options for solutions
- Develop model HHW/Used Oil Guidance Manual for facilities & provide training (CIWMB contract)
- Incorporate U-waste at other conference and public events
- Explore financing models, e.g. 3rd Party Organizations, deposit/incentive system, advanced disposal fee, take-back, etc. (CIWMB contract)

Longer Term Priorities:

Transitional & Long Term Financing

- ❖ Legislative Options????



- ❖ Product stewardship initiatives including manufacturer responsibility

Questions or Comments:

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