

Washington State and the Toxic Release Inventory – A State Government Perspective

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Washington State Nature & Industry



Theme:
Engage the Conversation!

- **Reducing Toxic Releases**
- **Environmental Justice**
- **Using the Toxic Release Inventory (TRI)**



Who's Here Today?

- State or Tribal government?
- Fed / EPA, local government?
 - Business-related?
- General public, Community-based, Education, Media news, other?



Brief History of EPCRA

(Emergency Planning and Community Right-to-Know Act)

- **December 1984**, Bhopal, India
 - methyl isocyanate (MIC) release, from pesticide plant
 - 15,000 to 30,000 killed
 - 150,000 injured
 - 500,000 exposed / impacted
- **August 1985**, Institute, W. Virginia
 - MIC-related release
 - 135+ sent to hospital(s)
- **Superfund** reauthorization in Congress



The “Right-to-Know” vote

Dec 10, 1985

For: 212 Against: 211

This became ‘**Title III**’ of Superfund.

“**SARA Title III**”

(Superfund Amendments Reauthorization Act)

Wow - what a law!

And, an **Unfunded Mandate** - Not great for the states!



EPCRA & Emergency-related

**State / Tribal Emergency Response Commission
(SERC)**

**Local Emergency Planning Committee
(LEPC)**

SERC & TRI are connected!

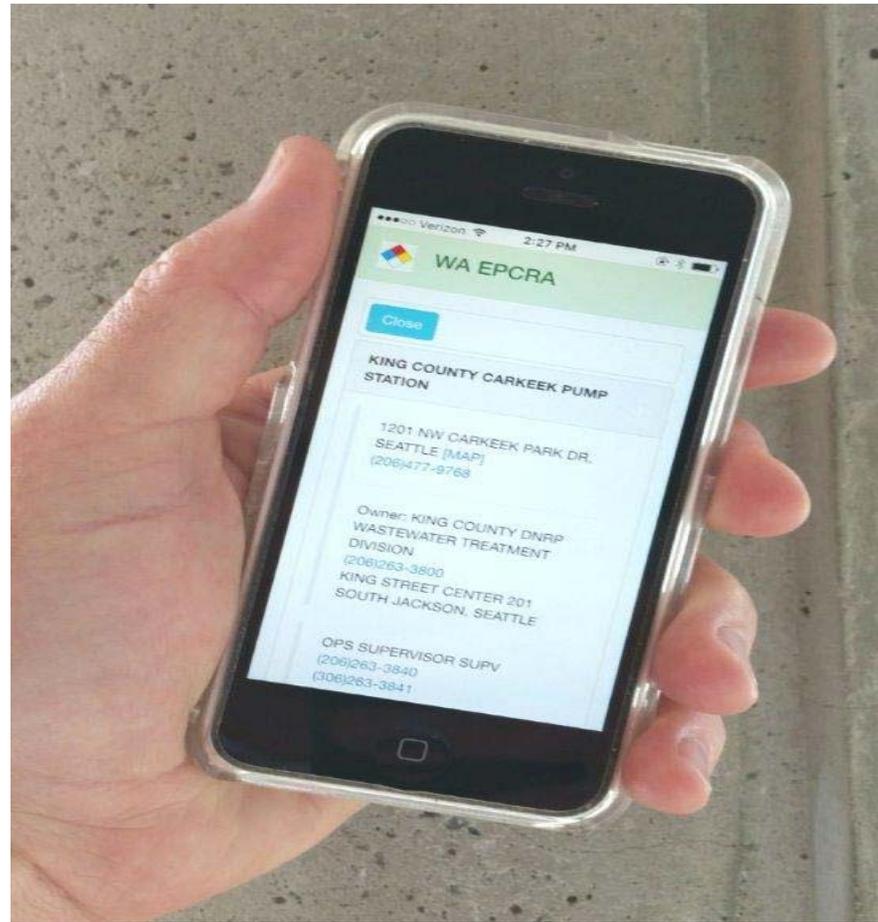


Reducing Toxic Releases in WA

- Pollution Prevention **Planning law** - tied to TRI.
- **Chemistry** testing, Green Chemistry, Safer Alternatives, technical assistance
- **Legislation & bans** Chemical Action Plans (Mercury, PBTs, flame retardants, Copper in brake pads), enforcement
- **Collaboration** with other governments: purchases, testing data, coalitions with OR, CA, BC, others
- **Products** – The stuff we make and buy. Cradle-to-Grave.



“EPCRA Viewer” - a mobile app Our Newest Tool for Tier II Data



Environmental Justice (EJ)

It's a Right-to-Know about

Cumulative Impacts

From TRI (a single facility)

or

For an entire community



EJ is about Engagement

TRI - EJ - EPCRA

are all about

Open Data

Facility data goes directly to the public

Public talks directly to the Facility



Point to an item on this list and click a mouse button to view release amounts (in pounds) 2003

City	County	Name	Sort	Chemical Name	Sort	Zip Code	Sort
000-CITY		0001--- TRI DEMONSTRATION		001-TRI CHEMICAL SMALL		00000	Click these arrows to Scroll the list up and down.
000-CITY		0002--- TRI DEMONSTRATION		002-TRI CHEMICAL MEDIUM		00000	
000-CITY		0003--- TRI DEMONSTRATION		003-TRI CHEMICAL LARGE		00000	
000-CITY		0004--- TRI DEMONSTRATION		004-TRI CHEMICAL (exempt)		00000	
SEATTLE		ACE GALVANIZING INC		ZINC COMPOUNDS		98108	
EVERETT		ACHILLES USA INC		ANTIMONY COMPOUNDS		9820362	
EVERETT		ACHILLES USA INC		BARIUM COMPOUNDS		9820362	

Standard Industry Classification Code example 003 SIC 003

003-TRI CHEMICAL LARGE

2003 Total: 1,312,007

Prior Year: 1,001

Recycled (lbs)

1,001

Off-site Releases & Transfers 100,001

On-site Land Releases 10,001

Site address and Phone:

000- DEMO BLVD

000-CITY AK 00000-

000-COUNTY County

(123) 456-7890

Air Releases 1,100,002

Water Releases 100,001

1,001

A graphic display of a facility's TRI information
 Sort by City, County, Facility, Chemical or Zip code



Put EPCRA in front of the Public

Schools, Public service groups,
Elected/Appointed officials & staff
Public Health staff/officials, Emergency responders
The Media!

Give Context

Talk about the Anomalies

Nourish the Questions



Supplemental Environmental Projects (SEPs)

1. Enforcement, then ...
 2. Penalty is negotiated, only then...
 3. SEP is possible, but it can't be required.
- Only a portion of penalty's value allowed
- Can't be use to fix problem(s) – It's 'Supplemental'

Talk with EPCRA enforcement for your state



In Summary

Ask: What's Your Environmental Condition?

Engage the Conversation!

&

(Happy Birthday - TRI & EPCRA!)





Questions and Discussion