

# USEPA Oil Program



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# Major Oil Program Areas.



## 1. Mission Statement

## 2. Authority

## 3. Major Oil Program Areas

- **Prevention**

- *SPCC and FRP Inspections*
- *Outreach/ Compliance Assistance*

- **Planning/ Preparedness**

- *FRP Drills/ Exercises*
- *Contingency Planning*
- *Cross Training with locals, State and contractor personnel eg (Boom Training)*

- **Response**

- *Incident Command Structure*
- *Oil Spill Liability Trust Fund*



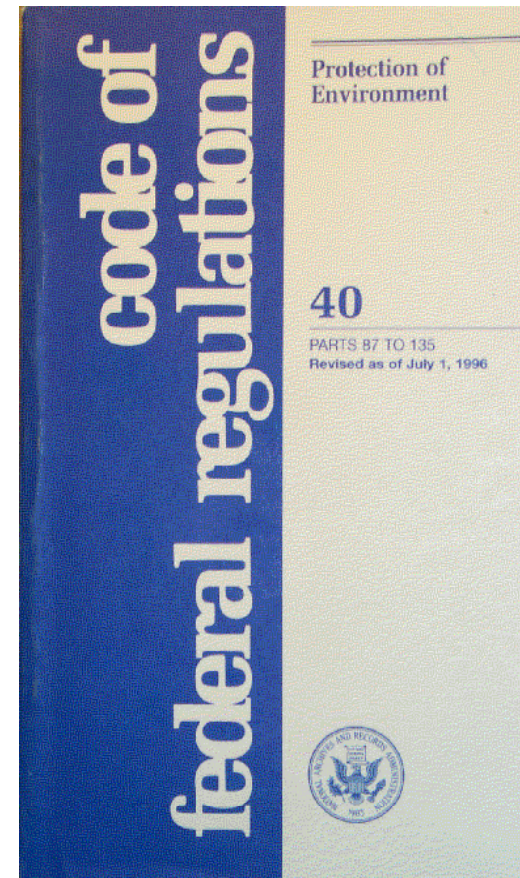
# Mission Statement

- The mission of the Region 10 Oil Program is to promote and maintain an Oil Spill preparedness, prevention, response, enforcement, and compliance assistance capability that will result in:
  - ◆ a reduction of oil spills reaching waters of the United States.



# Authority

- **Clean Water Act §311**
  - Oil Pollution Prevention Regulations (SPCC)
  - January 10, 1974
- **SPCC and FRP Regulations**
  - 40 C.F.R. §112
- **Oil Pollution Act 1990**
  - Amended CWA §311
  - August 18, 1990
- **National Oil and Hazardous Substances Pollution Contingency Plan (NCP)**
  - 40 C.F.R. §300





# Annual Oil Program Funding: **Region 10**

## **\$150 Thousand**

### **1. Prevention**

- *SPCC Inspections and Enforcement*
- *Outreach/ Compliance Assistance*

### **2. Planning/ Preparedness**

- *FRP Drills/ Exercises*
- *Contingency Planning*
- *Cross Training with locals, State and contractor personnel (e.g. boom training)*

## **\$1.2 Million (average)**

### **1. Response**

- *Emergency Response and Removal Actions*
- *Funding of State Actions*



# Prevention: **General**

## PREVENTION:

- **Most effective method of protection is the actual prevention of spills.**
- **Least costly to industry and the government.**
- **Oil spill prevention achieved through compliance assistance and enforcement of the oil regulations (SPCC and FRP inspections).**

**Fuel spills into creek**

*Pipeline breaks in Atchison vicinity*

By MARILYN FONTENOT  
St. Joseph News-Press

ATCHISON, Kan. — More than 210,000 gallons of diesel fuel spilled into Independence Creek north of Atchison on Monday and made its way to the Missouri River and Kansas City by Tuesday morning. The fuel leaked from an underground pipeline on Independence Creek that ruptured five miles upstream from the Missouri River in Atchison County.

The pipeline is owned by Williams Pipeline Co. of Tulsa, Okla.

Mike Furney, director of operations for Williams Pipeline, said workers in Tulsa noticed a drop in pressure in a pipeline carrying diesel fuel

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ATCHISON, Kan. — Water and wildlife officials said Tuesday it's too early to tell the effects of a large fuel spill on city water supplies and animals downstream.

An estimated 210,000 gallons of diesel began flowing into Independence Creek,

"It looks like Swiss cheese," said John Reddy, Kansas City water treatment plant manager. "We've had to deal with spills before, but this is pretty massive."

Kansas City is the first Missouri city south of the river Mr. Reddy said the city cut its use of river water Monday by more than half and increased the frequency of water testing.

Atchison, which also draws its water from the river, hadn't detected any traces of diesel fuel Tuesday. City

**Too early to gauge effects of spill**

*Most of fuel thought to be contained in Independence Creek*

By JOE GAINES  
joeg@nppco.com  
St. Joseph News-Press

ATCHISON, Kan. — Water and wildlife officials said Tuesday it's too early to tell the effects of a large fuel spill on city water supplies and animals downstream.

An estimated 210,000 gallons of diesel began flowing into Independence Creek,

**Diesel spill**

Officials from both states

they had test results.

Officials also said they couldn't comment on the spill's lasting impact on the environment.

"We just don't know any of that at this point," said Don Hamera with the EPA. "It should become clearer in the next couple of days."

Meanwhile, officials will let the river do the work of cleaning itself. Traces of the spill will remain detectable along the Missouri, but current high river stages and fast currents should dissolve the spill and lessen its impact downstream, said Brad

Calvin Yeager of Williams Pipeline Co. monitors a boom used for containing spills on Tuesday afternoon after a pipeline was ruptured Monday, sending more than 210,000 gallons of diesel fuel into Independence Creek.

TOP LEFT: After this bird landed in the creek on Tuesday, it struggled, unable to get out of the contaminated water, and eventually died.



## **Prevention:** How many facilities are regulated by the SPCC regulations?

- **There are tens-of-thousands of facilities for which the SPCC rules apply**
- **However, SPCC facilities are not required to register and EPA does not have a comprehensive list of facilities like the UST program.**





***Prevention: How many SPCC Inspections are completed annually in R10?***

	<b>Oregon</b>	<b>WA</b>	<b>Idaho</b>	<b>Alaska</b>	<b>Expedited</b>
<b>2001</b>	15	6	10	36	0
<b>2002</b>	8	35	16	31	0
<b>2003</b>	32	20	2	29	2
<b>2004</b>	2	4	36	32	6
<b>2005</b>	25	25	2	30	16
<b>TOTALS</b>	<b>32</b>	<b>90</b>	<b>66</b>	<b>158</b>	<b>24</b>





## ***Prevention:*** What authority do states have under SPCC regulations?

- **NONE**
  - The CWA does not permit EPA to delegate the SPCC program to the states
- **However:**
  - A number of states have established state-authorized oil spill prevention programs.





## Planning & Preparedness: **General**



After prevention, **planning and preparedness** are the next most effective methods of protecting human health and the environment.

- Both help to assure a timely, cost effective and appropriate response to spills, by:
  1. *Identifying BMP's and*
  2. *The resources needed prior to a response.*



# Planning & Preparedness: **Activities Cross-Training with local, state and contractor personnel**





# Oil Responses: Longview, WA 2004.

Bobcat front end loader hit side of 35,000 barrel capacity tank causing rupture and release.





# Oil Response Detroit Lake, Oregon (Dec 2002)





# Oil Response: The Dalles, OR. Train Derailment (Jan 2003)





# *Oil Response: The Dalles, OR: Train Derailment (Jan 203)*





# Summary: Major Oil Program Areas.



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