



Update on Post Fire Debris Management in Sonoma and Mendocino Counties

Item No. 8

September 6, 2018

Presenters:

- Charles Reed**, Supervisor, Groundwater Permitting Unit, North Coast RWQCB
- Trish Pisenti**, Deputy Director, and **Glenn Morelli**, Professional Geologist, Sonoma County Department of Transportation and Public Works
- Peter Pouwels**, Operations Manager, Republic Services, Inc.



Presentation Outline

- Debris Management Framework
- Conditional Waiver of Waste Discharge Requirements for Disaster-Related Debris
- Sonoma County Update
- Republic Services Update
- 2018 Wildfire Update

Debris Management Framework

Federal Agencies

- FEMA
- US Army Corps of Engineers
- US EPA

State and Local Partners

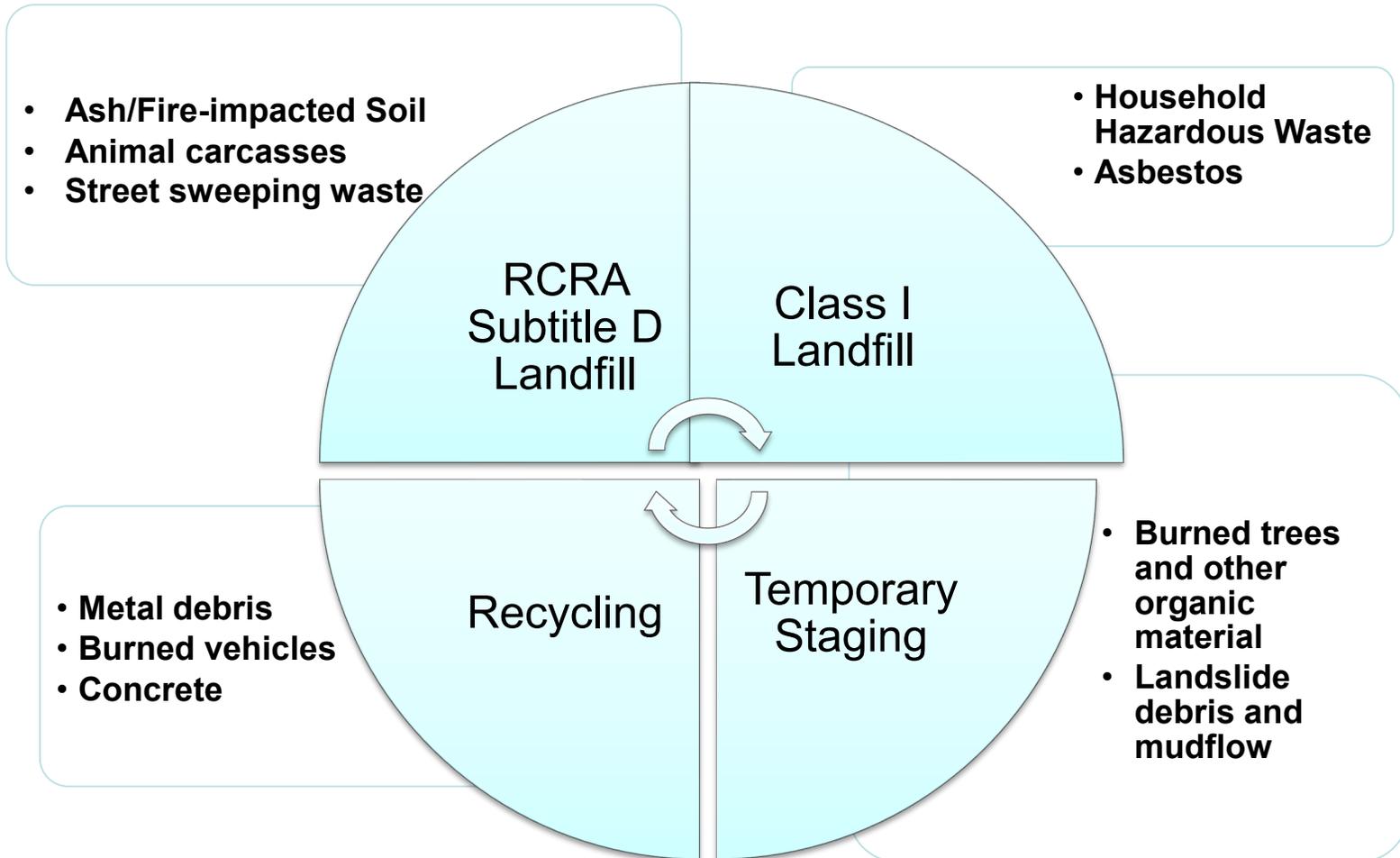
- CA Office of Emergency Services
- County of Sonoma
- City of Santa Rosa

Debris Task Force

Mendocino County



Fire Debris Management



Total Debris Tonnage: 2.2 million tons



Conditional Waiver

Conditional Waiver of Waste Discharge Requirements for Disaster-Related Waste During a State of Emergency in the North Coast Region

- Timeline
 - October 9, 2017 - Governor's Disaster Proclamation
 - November 3, 2017 - Temporary Waiver Order
 - December 13, 2017 - Final Waiver Order
- Applicability
 - Fires, floods, storms, earthquakes, and mass animal mortalities
 - Waste disposal and staging at municipal solid waste landfills
 - Temporary waste staging areas and surface Impoundments
- Enrollment
 - Submit Notice of Intent within 30 day of start of operations



Conditional Waiver

Current Enrollees in Sonoma County

- Republic Services (Sonoma County Central Landfill)
- Pacific Recycling Solutions (Pruitt Industrial Park, Windsor)
- M&M Services (Pacific Sanitation, Windsor)
- Soiland Company (Stony Point Quarry, Cotati)
- County of Sonoma (Airport SWDS)

No Current Enrollees in Mendocino County

Other Facilities not requiring coverage



Debris Management “Hot Wash”

What Worked:

- Luck
- Effective Coordination with Local Agencies and Industry
- Rapid Response from Local Industry
- Rapid Debris Cleanup

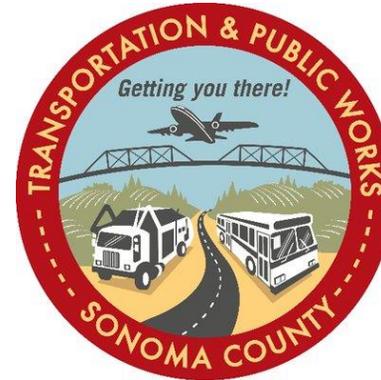
Opportunities for Improvement:

- Improved coordination with Cal OES
- Better Emergency Response Planning
 - Landfill Operation and Management
 - Pre-selected Waste Staging Areas

Partner Presentations

Trish Pisenti & Glenn Morelli

Sonoma County Department of
Transportation and Public Works



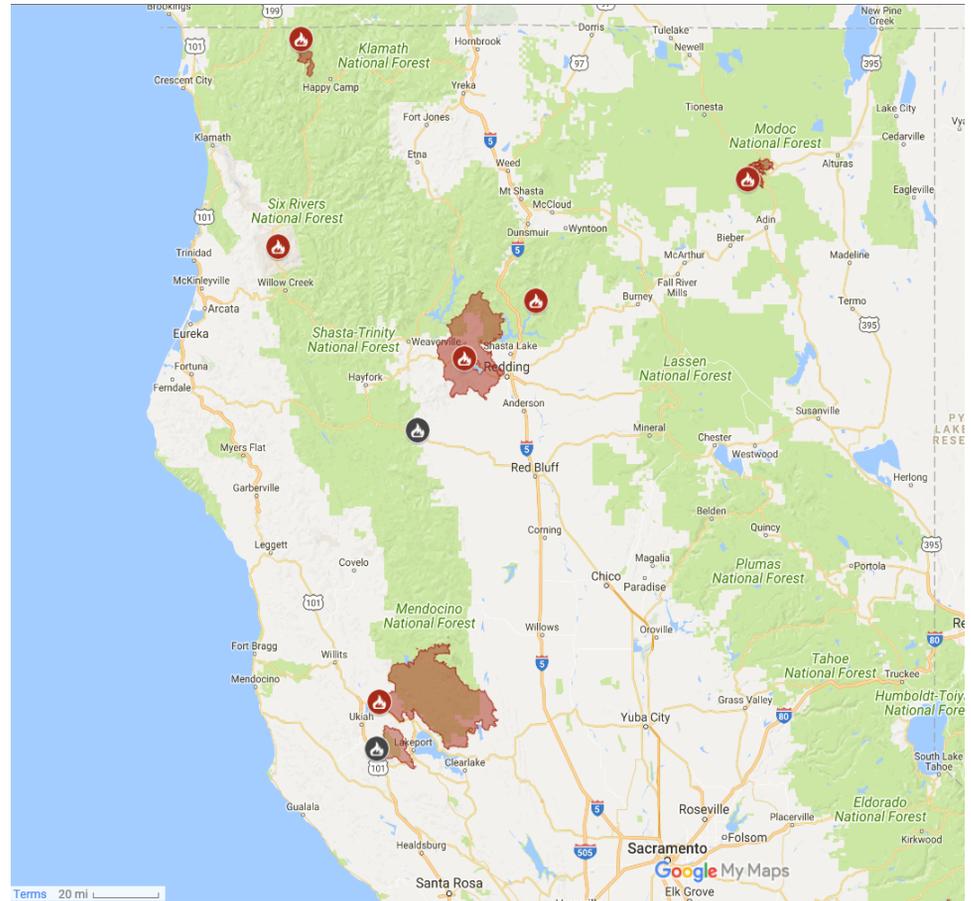
Peter Pouwels

Republic Services, Inc



2018 Wildfire Update

- Klamathon Fire
- Carr Fire
- Range Fire
- Ranch Fire
- Natchez Fire
- Mill Creek Fire
- CalFIRE Incident Map and Details
http://www.fire.ca.gov/current_incidents/





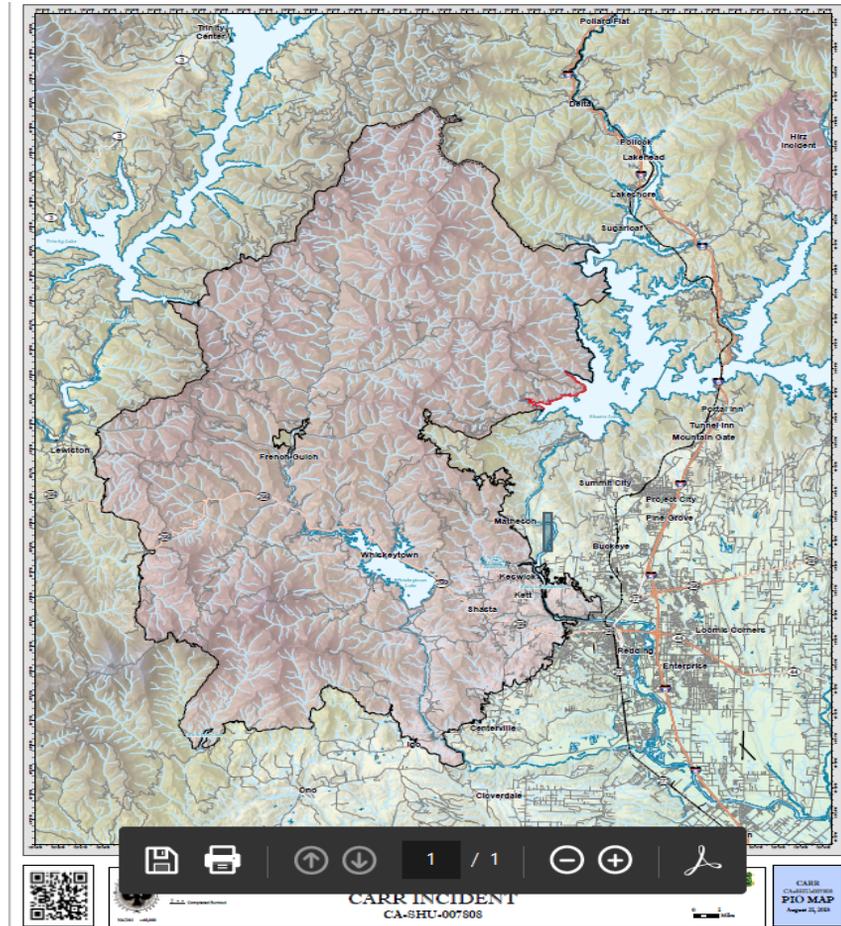
Klamathon Fire

- County: Siskiyou
- Location: off Klamathon Road and Copco Road, south of Hornbrook
- Acres Burned -
Containment: 38,008 acres
- 100% contained
- Structures Destroyed: 82 destroyed, 12 damaged



Carr Fire

- Counties: Shasta, Trinity
- Location: Hwy 299 and Carr Powerhouse Rd, Whiskeytown
- Acres Burned - Containment: 229,651 acres - 100% contained
- Structures Destroyed: 1,079 residences, 22 commercial structures, 503 outbuildings destroyed - 190 residences, 26 commercial structures, and 61 outbuildings damaged





Mendocino Complex Fire

River Fire

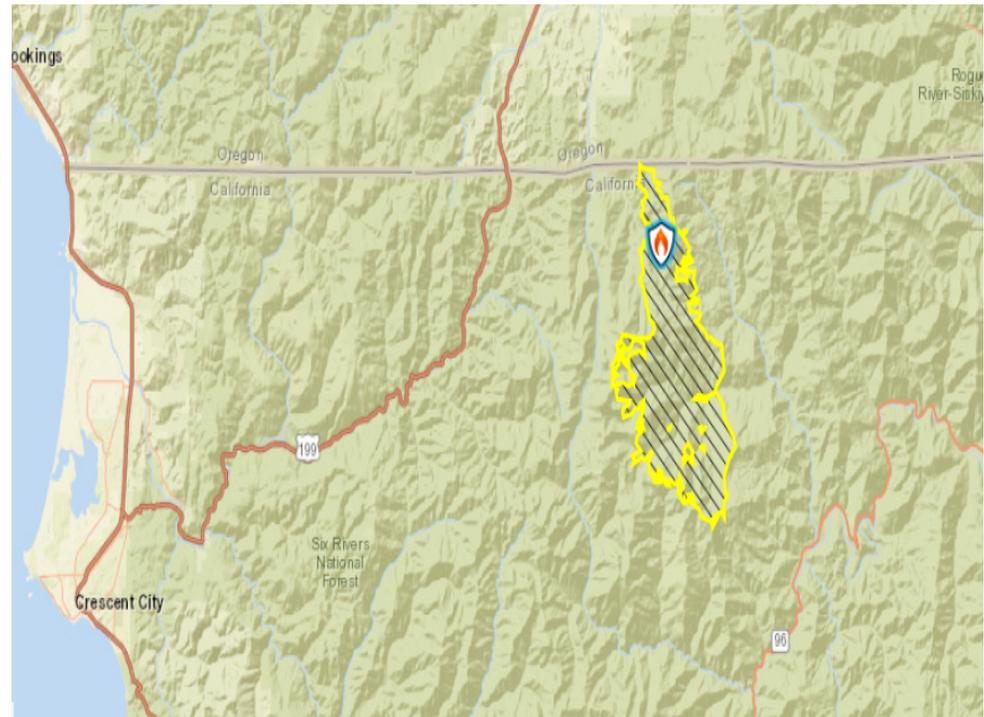
- Counties: Lake, Mendocino
- Location: Old River Rd, near Mile Marker Post 7.9, Hopland
- Acres Burned - Containment: 48,920 acres - 100% contained
- Structures Threatened: 1,025
- Structures Destroyed: 146 residences / 118 other

Ranch Fire

- Counties: Colusa, Lake, Mendocino
- Location: off Highway 20 near Potter Valley, northeast of Ukiah
- Acres Burned - Containment: 410,203 acres - 98% contained
- Structures Threatened: 1,025
- Structures Destroyed: 147 residences / 118 other

Natchez Fire

- Counties: Del Norte, Siskiyou
- Location: south of the Oregon/California border between Happy Camp, CA and Cave Junction, OR
- Acres Burned - Containment: 29,492 acres - 70% contained



(Hoopa) Mill Creek Fire

- Counties: Humboldt
- Location: Adjacent to Hwy 96, northeast of Hoopa
- Acres Burned - Containment: 3,674 acres - 100% contained





2018 Wildfire Debris Management

Conclusions:

- Fires limited to rural, remote areas
- Residential damage is limited
- Private fire debris disposal dominates
- County LEAs and CUPAs are managing recovery