

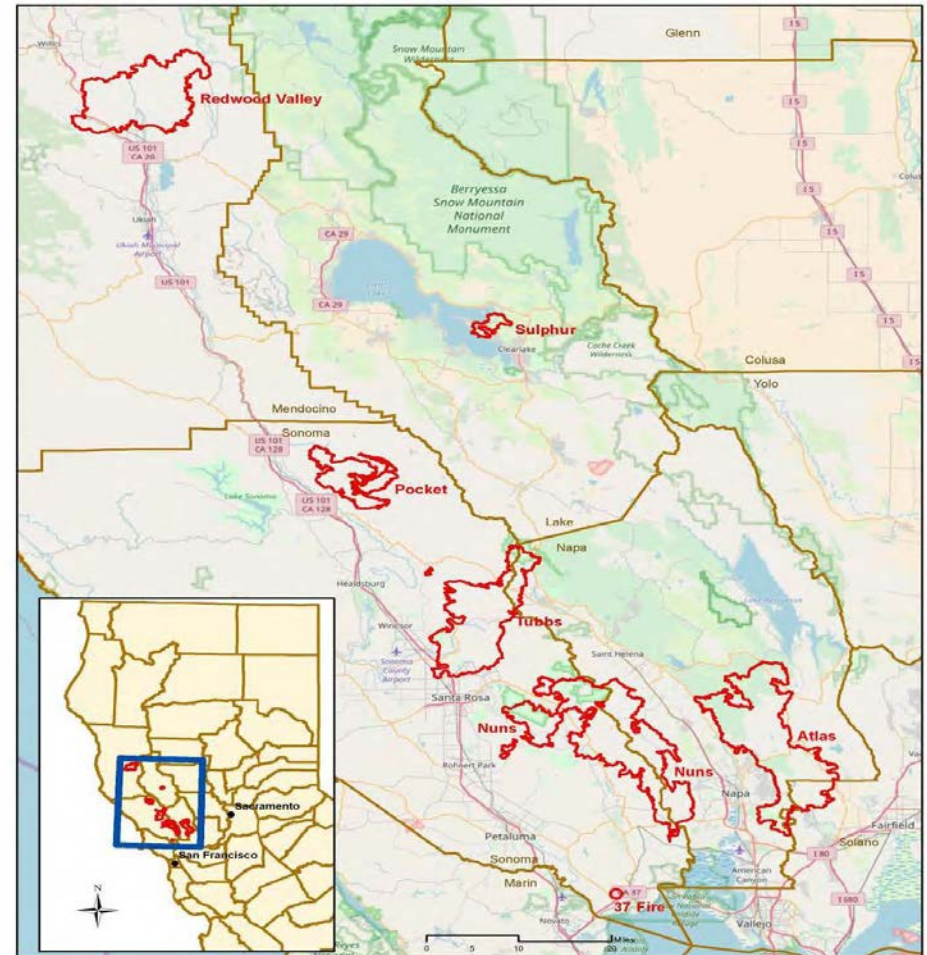
**CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS
FOR
DISASTER-RELATED WASTES DURING A STATE OF EMERGENCY
WITHIN THE NORTH COAST REGION
Order No. R1-2017-0056**

Item No. 9

Charles Reed, Senior WRCE
December 13, 2017

Fire Debris Facts & Figures

- Fires (Atlas, Nuns, Pocket, Redwood Valley, Tubbs, Sulphur)
- Total Acres Burned: 199, 421
- Structures Destroyed: 8,889
- Debris Removed: 358,000 tons (1,367 properties)



Wine Country Fires
October 2017
Mendocino County - Redwood Valley
Lake County - Sulphur
Sonoma County - Pocket, Tubbs, Nuns, 37
Napa County - Nuns, Atlas

Fire Perimeters

Forest Practice GIS 10/19/2017

Fire Debris Management

- Management Structure
 - Federal Emergency Management Agency (FEMA)
 - US Army Corps of Engineers
 - US Environmental Protection Agency
 - State and Local Agencies
- Debris Types
 - Household hazardous waste
 - Ash and fire-impacted soil
 - Animal carcasses
 - Street sweeping waste
 - Metal and concrete debris
 - Burned trees and other organic debris
 - Landslide debris, mudflow





Debris Management: Initial Response

- Governor's Proclamation
 - Facilitate quick cleanup and recovery
 - Protect human health and the environment
- (Temporary) Conditional Waiver of Waste Discharge Requirements Order No. R1-2017-0055
 - Effective from November 3, 2017 to December 31, 2017
- Applicability
 - Fire-related disasters and subsequent floods and landslides
 - Waste disposal at Sonoma County's Central Landfill
 - Temporary Waste Staging and Surface Impoundments

Sonoma County Central Landfill



11/28/17

Sonoma County Central Landfill



11/28/17

Stony Point Rock Quarry



Creams Dismantling & Scrap – Santa Rosa



11/28/17

C&S Waste Solutions - Windsor



12/5/17

C&S Waste Solutions - Windsor



12/5/17

C&S Waste Solutions - Windsor



12/5/17

C&S Waste Solutions - Windsor



280

270

260

NATIONAL
RENT-A-FENCE
800-303-3878

92
United
auto
center

12/5/17

Sonoma County Airport Landfill



12/7/17

Sonoma County Airport Landfill



12/5/17



Debris Management: Long-term Strategy

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

Order No. R1-2017-0056

- Applicability
 - Disaster-related wastes from fires, floods, storms, earthquakes, and mass animal mortalities
 - Waste Disposal at Municipal Solid Waste Landfills
 - Temporary Waste Staging
 - Temporary Surface Impoundments
- Anticipated Enrollees
- Need for Outreach



Debris Management: Long-term Strategy

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

Order No. R1-2017-0056

- Waiver Conditions
 - Notice of Intent/Notice of Termination
 - Separation of inert wastes and household hazardous wastes at landfills
 - Special handling requirements for mass animal mortality wastes
 - Management practices to prevent surface runoff from staging areas
 - Waiver Duration: 5 years beginning on January 1, 2018



Recommendation

Adopt Order No. R1-2017-0056, Conditional Waiver of Waste Discharge Requirements for Disaster-Related Waste During a State of Emergency in the North Coast Region



Additional Information

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Sonoma County:

<https://www.sonomacountyrecovers.org/>

Mendocino County:

<https://www.mendocinocounty.org/community/mendocino-county-fire-information>