



Wildfire Debris Management Response

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Director, West Coast Recovery Ops 20 November 2025

Private Property Debris Removal



The Stafford Act & The Public Assistance Program and Policy Guide

Public Health Emergency

Right of Entry



How is FEMA Changing -What that means for the State and County



Higher bar for "Indicators" More emphasis on State-led response

Changing **Grant Program** More opportunity for State/Local pre-awarded contracts



Private Property Debris Removal - PPDR



- Impacts from a disaster or emergency event affect the community and become a public health emergency
- No set thresholds for PPDR
- Economic recovery of the area
- Immediate threat
- Right of Entry



ASBESTOS HAZARD TREE **VERIFICATION ASSESSMENT DEBRIS REMOVAL EROSION CONTROL** COMPLETION **ABATEMENT** REMOVAL Hazard Tree Survey Waddle 360 Site Walk Felling Install Bulk **Asbestos Abatement Biological** Wood Survey Removal Hydromulch Management (Metal, Concrete, Chimney Ash, Soil) Final Tip Sign-Off ROE Site Archeo-Verification **Assessment** logical **Erosion** Off Confirmation Chimney Survey Chipping Control **Soil Sampling** Hauling **Abatement** Inspection **Asbestos** Soil Survey & **Asbestos** Intermediate Removal Sampling Clearance Site Walk Re-scrape Background Soil Intermediate **Final Site** Sampling Site Walk Walk TETRA TECH • Air Monitoring • Archeological Monitoring • Biological **Background** Monitoring • Tribal Monitoring • **Air Sampling** • Permitting Support • Archeological Monitoring

• Biological Monitoring • Tribal Monitoring

Considerations for Debris Removal

- How much Debris?
- Can anything be recycled?
- Local landfill capacity?
- Cost of shipping/moving out of area?
- Logistics of travel Road capacity, rail, shipping, traffic etc.
- Temporary Debris Storage?











- Impact to future capacity for disposal
- Permits and licensing for material classification
- Carrying capacity of landfill –
 Ingress/Egress, concurrent public and municipal use
- Hours of operation and staffing
- Scales, tickets, and recordkeeping



Averages During Peak Production - Palisade and Eaton



Ash/Debris
25,000
tons/day

Concrete 9,000 tons/day

Soil 800 tons/day

Metal 300 tons/day

Over the life of the project crews processed, on average, over 13 tons/hour of combined material.

The estimated breakout of waste streams over the life of the project:

Ash/Debris = 72%

Concrete = 24%

Metal = 1%

Soil = 3%

Prepared and Resilient



- Developing a Debris Management Plan
- Practice Tabletop and full-scale exercises
- Identifying Temporary Sites
 - Environmental concerns
 - Capacity
- Resilient Through Planning
 - Building code changes
 - Hardening programs
 - Public Education



Technology and Innovation Speeding up Recovery

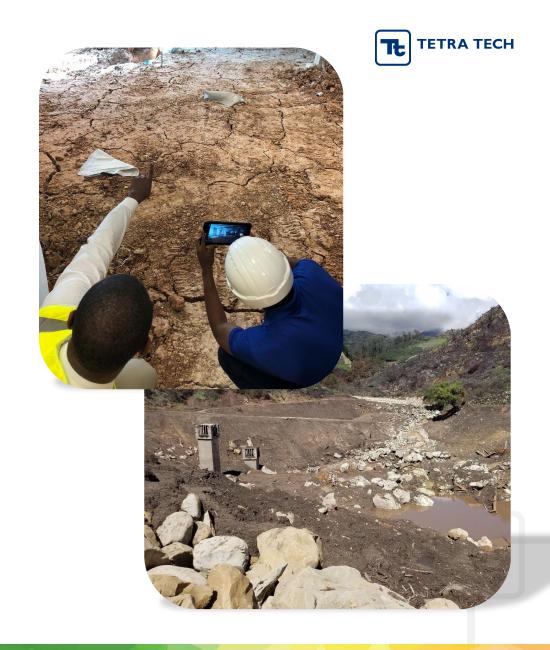
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Tracking and Estimation

Regulatory Relief

County Planning

County Permits



QUESTIONS

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