



Alternative Fire Debris Removal Program **Standard Work Plan Template**

To ensure safety to workers, the public, and the environment, certain protocols must be followed during a wildfire disaster when removing structural ash and debris left from the SQF Complex Fire. The County is offering two ways for property owners to manage the fire debris and ash from the wildfire disaster, 1) participate in the State-sponsored Consolidated Debris Removal Program or 2) complete the Alternative Fire Debris Removal Program through Tulare County Environmental Health Division.

Property owners who choose not to participate in the State-sponsored Consolidated Debris Removal Program (or are not eligible) will need to submit the Alternative Fire Debris Removal Program Application, Work Plan and demolition permit application to the County for approval **at least two weeks prior to the proposed start of debris removal**. Debris removal may begin when application and work plan are approved, and demolition permit has been issued.

Debris removal must be completed as required by Tulare County and adhere to the ash and fire debris removal protocols and standards set forth by the County and State. These standards are established to ensure protection of public health and are the same standards applicable to the State-sponsored Consolidated Debris Removal Program. This document is a standard work plan template for the Alternative Fire Debris Removal Program work plan.

Complete and submit both this standard work plan and the Alternative Fire Debris Removal Program Application to the Tulare County Environmental Health Division at tceh@tularehhsa.org for properties in the county.

Contact Tulare County Environmental Health Division at (559) 624-7400 with any questions regarding the Alternative Fire Debris Removal Program.



1.0 Project Overview

1.1 Property Information and Property

Property Owner Name:

Property Address:

City:

Zip:

Assessor's Parcel Number (APN):

Phone(s):

Email:

Mailing Address:

City:

State: Zip:

1.2 List of Contractor(s) and Consultants

Name:

License No.:

Phone:

Email:

Name:

License No.:

Phone:

Email:

Name:

License No.:

Phone:

Email:

1.3 Scope of Work:

Provide a brief description of property and proposed activities (Footprint, description of structures and/or debris). Attach Sketches of ash footprint.



Identify/discuss proposed equipment material staging areas:

Identify/discuss Site Health and Safety Protocols and Traffic Control:

If applicable, damaged water wells and/or water lines on property will be addressed in the following manner:

If applicable, damaged septic systems and/or sewer lines on property will be addressed in the following manner:

1.4 REQUIRED Notifications / Permits / Hours of Operation

The following notifications will be made, permits obtained and hours of operation adhered to:

Underground Service Alert (USA) – Call 811 Dig Alert prior to digging.

Tulare County
Environmental Health
5957 S. Mooney Blvd.
Visalia Ca. 93277 (559)
624-7400

Tulare County Resource
Management Agency
5961 S. Mooney Blvd
Visalia Ca. 93277 (559) 624-7000

Demolition Permit Reference Number

Demolition Permit Required

Applicant Hours of Operation

Monday-Friday 8am-5pm



2.1 Background Site Assessment

2.2 Site Testing and Analysis Plan (Asbestos and Soil)

A certified asbestos consultant and soil consultant will be hired to test the site. Site testing and analysis for asbestos and soil will be addressed in the following manner:

2.3 Foundation Analysis and Plan

In general, the structural integrity of concrete and masonry can adversely be affected in fire situations, especially when the structure is completely consumed by the fire. The properties of the material may be irreversibly altered deeming it unsatisfactory for reuse in supporting a rebuilt structure. Property owners have two options:

1. Completely remove and dispose of foundation,
2. If foundation is to remain in place, testing, engineer's certification and approval from the County Resource Management Agency Building Division is required.

Structural foundations on the property will be addressed in the following manner:



3.1 Hazardous Waste and Asbestos Removal

During Phase One of Consolidated Fire Debris Removal, teams of County staff and experts from the California Department of Toxic Substances Control (DTSC) inspected the property and removed any identifiable and accessible household hazardous waste that may pose a threat to human health, animals, and the environment such as batteries, oil, propane tanks, visible bulk asbestos, and paints. However, some hazardous materials and/or asbestos or asbestos containing materials (ACM) may still be present on the property and pose a threat to public health and the environment. Proper protection should be worn when handling, sorting, and transporting these materials (sturdy footwear, gloves, respiratory protection).

3.2 Hazardous Waste and Household Hazardous Waste Removal

All remaining hazardous waste and household hazardous waste (HHW) shall be identified and disposed by a certified hazardous waste contractor. Homeowners may be allowed to transport HHW themselves to the local HHW collection facility if the waste will be accepted by that facility and transportation requirements are met. Contact the local HHW collection facility at (559) 624-7400 for more information. Household hazardous wastes (batteries, propane tanks, paint, gasoline cans, cleaning products, pesticides, fluorescent light bulbs, etc.) must be identified, segregated, and disposed of properly.

Hazardous Waste Handling and Removal Procedures
Certified Hazardous Materials/Waste Contractor
Name:
License No:
Disposal and/or Recycling Facility(s)

3.3 Asbestos Removal

Asbestos or ACM requires assessment by a Certified Asbestos Consultant. **This must be completed for all properties opting out of the State Debris Removal Program.** Asbestos and asbestos containing material must be removed by a licensed Asbestos Abatement Contractor. If bulk loading ACM, the bin or container used for transport shall



be double-lined with 10-mil poly in such a way that once loaded both layers can be sealed up independently (“burrito-wrap method”).

Asbestos Handling and Removal Procedures
Certified Asbestos Consultant hired to test the site
Name:
License No:
Asbestos Removal Contractor
Name:
License No:
Disposal Facility(s)

3.4 Air Monitoring Protocols for Fugitive Dust Control

Property owners or their contractors must provide water or an approved dust palliative, or both, to prevent a dust nuisance at the site. San Joaquin Valley Air Pollution Control District is requiring a “zero-dust” policy for all contractors performing fire debris removal. Dust resulting from performance of the work will be controlled at all times in a manner that does not generate runoff. Dust Control Methods include:

- **Control 1-** Water or an approved dust palliative, or both, will be used to prevent dust nuisance at each site. Each area where ash and debris are to be removed will be pre-watered with a fine spray nozzle in advance of initiating debris removal and as needed during the removal.
- **Control 2-** All loads shall be covered with a tarp; this includes metal debris. Ash and debris loads shall be fully encapsulated with 10-millimeter plastic (“burrito wrap” method). Concrete loads are exempt from a tarp provided the loads are wetted prior to leaving. If concrete loads generate dust, then the loads must be wetted and covered.
- **Control 3-** All waste material that is not unloaded at the end of each workday will be consolidated, sufficiently wetted, and/or covered to prevent the offsite migration of contaminants.



- **Control 4-** All visibly dry disturbed soil surface areas of operation should be watered to minimize dust emissions during performance of work.
- **Control 5-** Speeds must be reduced when driving on unpaved roadways.
- **Control 6-** Procedures will be implemented to prevent or minimize dirt, soil, or ash contaminating roadways, neighboring parcels, or creating an airborne health hazard.

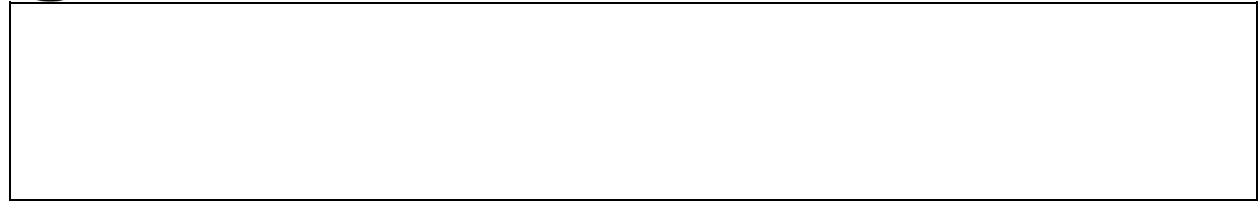
In addition to the above listed methods, dust from debris removal activities on the property will be addressed in the following manner:

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4.0 Ash, Debris and Soil Removal and Disposal / Recycling

Remove ash, debris, contaminated soil, metals, and concrete from the site and dispose of properly. Metals and concrete shall be recycled if possible. Appliances and vehicles shall be handled properly to meet the requirements of metals recycling facilities. Vehicle Identification Numbers shall be documented. All waste shall be disposed of at an approved location from the list provided, or at other locations authorized to accept such waste. (See Appendices C in Guidelines, Templates and Resource List for Property Owners, Contractors and Consultants). Debris shall be handled in the following manner:

4.1 Ash, Fire Debris and Soil
4.2 Metals Including Vehicles and Appliances
4.3 Concrete, Brick & Masonry



5.1 Soil Grading and Erosion Control

5.2 Description of Grading

Remove 3 to 6 inches of soil from the impacted area after burn ash and debris is removed to a level of visually clean. Soil shall be properly disposed of as described in 4.1 above.

5.3 Description of Erosion Controls

When active fire ends it leaves behind bare dirt or decreased vegetative cover. Because of the loss of vegetation, the top layer of soil becomes loosened, making it vulnerable to increased runoff, erosion and sedimentation. Erosion and sediment stabilization practices will be implemented to keep sediment and debris from impacting homes. Erosion and sediment stabilization techniques to be used are listed below and are consistent with recognized Best Management Practices and outlined in the *Guidelines, Templates, and Resource List* provided.



6.0 Confirmation Sampling

Initial Screening Criteria and protocols have been established in consultation with CalRecycle for soil confirmation sampling after completion of visible cleanup of properties. These are initial health screening criteria in the absence of background data. Testing of metals must be performed by EPA Lab Method 6020. A qualified soil consultant shall collect soil samples from a depth of 0-3 inches for confirmation sampling and compare results to clean-up goals. Three samples shall be taken at a depth of 3-9 inches outside the ash footprint (20 ft min) to act as background samples to determine if naturally occurring levels of any metals tested are above the cleanup goals. If samples from the ash footprint are below the cleanup goals, then the lab will not need to test the background samples. If sample results for any metals are above the cleanup goals but are at or below the background sample results this must be explained by your soil consultant in the final testing report. **Attach a sketch showing the ash footprint and anticipated soil sample locations.**

Soil Consultant Collecting Samples



HHSA

Public Health

Name:
License No:
State-certified Laboratory
Name:
Phone: