County of Santa Cruz Health Services Agency
Environmental Health
701 Ocean Street, Room 312 ❖ Santa Cruz, CA 95060
831-454-2022 ❖ Fax 831-454-3128
https://www.scceh.org/
Email: CZUDebris@santacruzcounty.us

Appendix G: Example Content Expected for Private Contractor Work Plan

Private Contractor Fire Debris Removal Program

The following property owners/contractors will complete debris removal and cleanup to the Government (CalOES) Program standard, as required by the urgency ordinances approved by local government. These standards are established to ensure protection of the public health and environment.

This standard work plan and the Private Contractor Program Application is submitted to the Santa Cruz County Environmental Health Division located at 701 Ocean Street, Room 312, Santa Cruz, CA 95060 or to CZUdebris@santacruzcounty.us.

Due to the recent COVID-19 pandemic, California has issued industry guidance for construction. All contractors will read the COVID-19 Industry Guidance for Construction (https://files.covid19.ca.gov/pdf/guidance-construction--en.pdf) and complete the COVID-19 General Checklist for Construction Employers (https://files.covid19.ca.gov/pdf/checklist-construction.pdf).

1.0 Project Overview

1.1 Property Information and Property Owners	
Property Owner Name:	Ginger Valdez
Phone Number(s):	831-359-xxxx
Burn Property Address:	Acorn Street
City/State/Zip:	Boulder Creek/CA/95006
Assessor's Parcel Number (APN):	xxx-xx-xxx
Email:	Ginger.v231@gmail.com
Mailing Address:	PO Box 2334x
City/State/Zip	Felton/CA/95018

1.2 List of Contractor(s) and Consultant(s)			
Name of Contractor:	J & S Fire Debris Contracting	Email:	JSFDC@email.us

License Number:	XXXXXXXXXX	Mobile Phone #	XXX-XXX-XXXX
Name of Contractor:	HAZ MAT CORP	Email:	HMC@email.us
License Number:	HAZXXXXXXXX	Mobile Phone #	XXX-XXX-XXXX
Name of Contractor:	LOAD Trucking	Email:	LT@email.us
License Number:		Mobile Phone #	xxx-xxx-xxxx
Name of Contractor:		Email:	
License Number:		Mobile Phone #	

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

Fire debris removal and proper disposal from one 2500 square foot one story home, one 4000 square foot barn, and two 500 square foot equipment sheds. Photos and plot plan showing locations and footprint of structures are attached.

Identify/discuss proposed equipment material staging areas:

Track loader, bulldozer, backhoe, water truck, and dump trucks to be staged in field at entrance to property.

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

All workers will be HAZWOPER trained and comply with site health and safety plan regarding fire debris removal, dust control, personal protection, and worker safety. In addition there will be compliance with COVID 19 construction requirements.
If applicable, damaged water wells and/or water lines on property will be addressed in the following manner:
Water wells and water tanks on the property will be identified and steps taken to protect them during debris removal.
If applicable, damaged septic systems and/or sewer lines on property will be addressed in the following manner:
Septic tank and leach field locations will be identified and steps taken to protect them during debris removal. Any immediate hazard involving the septic tank or septic system shall be mitigated prior to debris removal.
1.4 REQUIRED Notifications / Permits
The following notifications will be made and permits obtained:
Underground Service Alert (USA) – Call 811 Dig Alert prior to digging.
Obtain approval of your Property Owner Application to Hire a Private Contractor for Fire Debris Removal from: Santa Cruz County Environmental Health Division, 701 Ocean Avenue, Room 312, Santa Cruz, by appointment or email: CZUDebris@santacruzcounty.us

2.0 Background Site Assessment

2.1 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:
Prior to start of fire debris removal, a certified asbestos and an environmental soil consultant will sample fire debris footprints for asbestos and metal contamination. If soil sampling results indicate asbestos contamination, a certified asbestos abatement contractor will be hired to abate asbestos contamination for proper disposal.

A report of the asbestos survey with analytical reports will be submitted to the Santa Cruz County Environmental Health Division for disposal authorization.

2.2 Foundation Analysis and Plan

Because the structural integrity of concrete and masonry can adversely be affected in fire situations, especially when the structure is completely consumed by the fire, all foundations will be removed for recycling.

If foundation is to remain in place, testing, engineer's certification including testing data is required. It is understood that if foundations are retained, they are at the property owner's own risk, and may not be accepted by the County for reuse.

Structural foundations on the property will be addressed in the following manner:
All foundations will be cleaned of fire ash and removed for recycling.
Disposal Facility(s)
Fire ash/soil will be transported to Monterey Peninsula Landfill. Concrete will be transported to Santa Cruz Resource Recovery Facility Metal will be transported to

3.0 Hazardous Waste and Asbestos Removal

3.1 Hazardous Waste and Asbestos Removal

During Phase I of Consolidated Fire Debris Removal, experts from the USEPA/contractors 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 will 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. Household hazardous wastes (batteries, propane tanks, paint, gasoline cans, cleaning products, pesticides, fluorescent light bulbs, etc.) must be identified, segregated, and disposed of properly.

Certified Hazardous Materials/Waste Contractor	
Name:	**HAZ MAT CORP**
License No.:	**HAZ XXXXXXXX**
Disposal and/or Recycling Facility(s)	

A report will be submitted of the hazardous waste survey and disposal documentation to the Santa Cruz County Environmental Health Division for disposal authorization.

3.3 Asbestos Removal

Asbestos or ACM requires assessment will be conducted by a Certified Asbestos Consultant. Asbestos and asbestos containing material will be identified and removed by a licensed Asbestos Abatement Contractor. If bulk loading ACM, the bin or container used for transport will 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	
Any asbestos material discovered will be isolated for management and disposal by a certified asbestos removal contractor.	
Certified Asbestos Consultant hired to test the site	
Name:	**CERTASBESTOS Co.**
License No.:	**C 22 XXXXXXXX**
Asbestos Removal Contractor	
Name:	**CERTASBESTOS Co**
License No:	**C 22 XXXXXXXXX**

3.4 Air Monitoring Protocols for Fugitive Dust Control

Water or an approved dust palliative, or both, will be provided to prevent a dust nuisance at the site. 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:
Fire debris management will be conducted with the above dust control methods.

4.0 Debris Removal and Disposal / Recycling

Ash, debris, contaminated soil, metals and concrete will be removed from the site and dispose of properly. Metals and concrete will be recycled if possible. Appliances and vehicles will be handled properly to meet the requirements of metals recycling facilities. All waste will be disposed of at an approved location from the list provided, or at other locations authorized to accept such waste. (See Appendix 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
Each area of ash and debris to be removed will be pre-watered 48 to 72 hours in advance of the removal using hoses with a fine spray nozzle. The water will be applied in a manner that does not generate runoff. Engineering controls for storm water discharges will be in place prior to dust control operations. • All loads will be covered with a tarp; this includes metal debris. Ash and debris loads will be fully encapsulated with a tarp ("burrito wrap" method). Concrete loads will not be tarped but the loads are wetted prior to leaving. If concrete loads generate dust, then the loads will be wetted and covered.

• 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. • All visibly dry disturbed soil surface areas of operation will be watered to minimize dust emissions during performance of work.
4.2 Metals Including Vehicles and Appliances
Metals will be cleaned of fire ash and transported for recycling.
4.3 Concrete, Brick & Masonry
Concrete, brick and masonry will be cleaned of fire ash and transported for recycling.

Documentation that the ash and debris has been assessed for hazardous waste and asbestos and any discovered has been properly removed and disposed will be provided to landfill facility.

5.0 Soil Grading and Erosion Control

5.1. Description of Grading

After burn ash and debris are cleaned from the property to a level of visually clean, soil will be removed to a depth of 3 to 6 inches from the impacted area. Soil shall be properly disposed of as described in 4.1 above.

5.2 Description of Erosion Controls

Erosion and sediment stabilization practices will be implemented to keep sediment and debris from impacting homes, water courses, and storm management systems. Erosion and sediment stabilization techniques will be used as listed in Best Management Practices and outlined in the *Guidelines, Templates, and Resource List* provided by the County.

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 will 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 cleanup goals. Three samples shall be taken at a depth of 3-9 inches outside the ash footprint (20 ft. minimum) 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 adequately explained by your soil consultant in the final

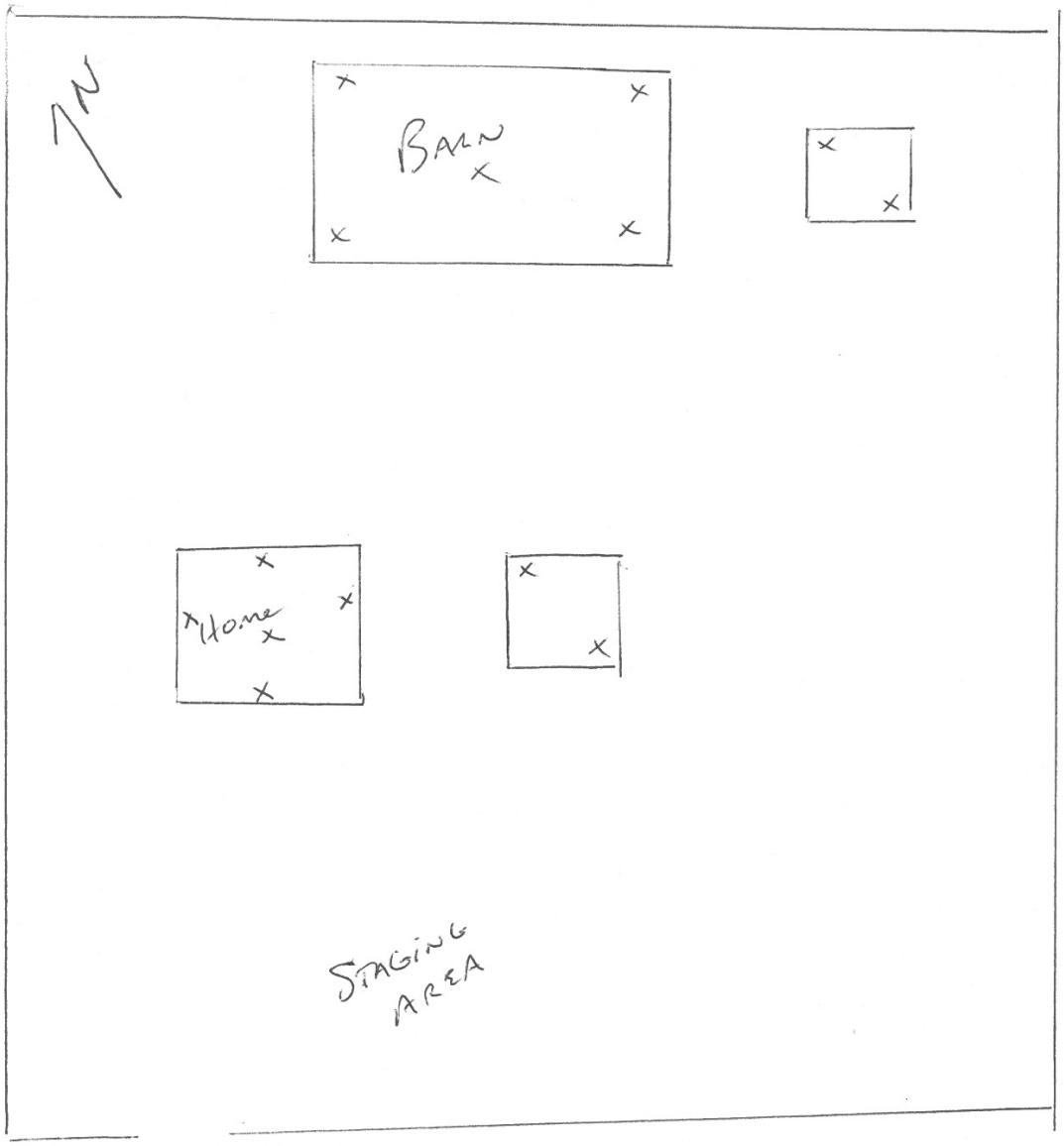
testing report. See attached plot plan with sampling locations.

Soil Consultant Collecting Samples	
Name:	ALL Dirt Consulting
License No.:	PE
State-certified Laboratory	
Name:	ALL LAB
License No.:	CA ELAP #1234

Initial Health Screening Criteria for Soil		
Analyte	**Health Screening Level (mg/Kg)**	**Cleanup Level**
Antimony	To Be Determined	
Arsenic	To Be Determined	
Barium	To Be Determined	
Beryllium	To Be Determined	
Cadmium	To Be Determined	
Chromium	To Be Determined	
Cobalt	To Be Determined	
Copper	To Be Determined	
Lead	To Be Determined	
Mercury	To Be Determined	
Molybdenum	To Be Determined	
Nickel	To Be Determined	
Selenium	To Be Determined	
Silver	To Be Determined	
Thallium	To Be Determined	
Vanadium	To Be Determined	
Zinc	To Be Determined	

7.0 Attachments (Vicinity Map, Plan Maps, Photographs, Drawings, Laboratory Test Results, Etc.)

Plot plan and photos.



1234 Home Road

x Sampling Locations