



Los Angeles County Public Works

900 South Fremont Avenue, Alhambra, CA 91803-1331
Telephone: (626) 979-5370 • Website: lacounty.gov/recovery

LOS ANGELES COUNTY LOCAL FIRE DEBRIS REMOVAL PROGRAM APPLICATION (IN UNINCORPORATED AREAS)

Who needs to complete this form? Property owners who elect *not* to participate in the Government-Sponsored Fire Debris and Hazard Tree Removal Program and choose to clean-up their property on their own, or with a qualified contractor OR properties that do not qualify for the state debris removal program. The work must be done to standards of all applicable ordinances and other regulations so that health and safety risks are adequately addressed for the community and the environment. Documentation on adequate clean-up and proper disposal will be required. State disaster funding will not be available to reimburse property owners for this work.

Where do I submit this form? Applications may be submitted to Los Angeles County Public Works - Antelope Valley Building and Safety Office, 335 A East Avenue K-6 Lancaster, CA 93535. Please call ahead (661) 524-2390. Office Hours: Monday through Friday 8 a.m. to 4:30 p.m. You may also submit this form via email to bobcatfire@pw.lacounty.gov or lakefire@pw.lacounty.gov, as applicable or by mail to Los Angeles County Public Works Environmental Programs Division - Bobcat Fire and Lake Fire Debris Removal Team, P.O. Box 1460, Alhambra, CA 91802-1460.

Contact the Los Angeles County Debris Removal Hotline at (626) 979-5370 for any questions regarding this application.

Property Owner Name: _____ Phone(s): _____

Property Address: _____ City: _____

Assessor's Parcel Number (APN): _____ Email: _____

Mailing Address: _____

Mailing City: _____ State: _____ ZIP: _____

Description of Debris Being Removed (how many structures, type of waste, etc.)

A. Program Participation

Who will perform the debris removal? Owner Licensed Contractor

If hiring a contractor, please provide the following:

Name of Contractor: _____

License Number: _____

Proposed Start Date: _____

Required: A work plan approved by Los Angeles County Public Works is required prior to starting debris cleanup.



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B. Property Owner Acceptance

I have reviewed the protocols as stated in the “**Management of Los Angeles County Wildfire Debris**” document and specifications for private fire debris and hazard tree removal. I understand the ash and debris may contain hazardous substances and can be a health hazard. I understand the ash and debris shall be wetted down prior to removal and dust shall be controlled. The ash and debris shall also be completely encapsulated with a tarp ("burrito wrap" method) prior to being transported for disposal. I understand that soil samples shall be collected in order to self-certify the project was completed.

Property Owner Signature (Required): _____ Date: _____

Contractor Signature: _____ Date: _____

Los Angeles County Acknowledgement: _____ Date: _____

MANAGEMENT OF LOS ANGELES COUNTY WILDFIRE DEBRIS

Los Angeles County (County) is offering **two ways** for property owners to manage the **structural debris/ash** and **hazard trees** left by the Bobcat Fire and Lake Fire to ensure safety to workers, the public, and the environment. All properties affected by the Bobcat Fire and Lake Fire must adhere to these requirements to perform debris removal, demolition, and clean-up of **damaged and/or destroyed structures and hazard trees**:

1. Owners Who Choose to Participate in the Government-Sponsored Fire Debris and Hazard Trees Removal Program

Residential and commercial properties with destroyed structure(s) from the wildfires are being offered a clean-up and debris removal service conducted by specialized work crews, contracted and managed by federal and state waste specialists. Under limited circumstances, some commercial properties may be eligible as well. This program is being paid for with State and Federal funds. To avoid duplication of benefits, if property owners have a specified amount for debris removal in their insurance policy, they will need to provide that specified amount to the County for reimbursement of some of the costs of the clean-up. However, a property owner may participate in the program even if the property is not insured. Owners **must sign-up** for this program by completing a Right-of-Entry form (ROE) by **February 1, 2021**, to allow access to their property to complete the debris removal work.

Additional information, and the Right-of-Entry (ROE) Permit form is available here: lacounty.gov/recovery

2. Owners Who Choose Not to Participate in the Government-Sponsored Fire Debris and Hazard Tree Removal Program

Due to the public health emergency, property owners are required to cause their property to be cleaned-up according to applicable regulations and all burn debris must be removed in a timely manner. If property owners choose not to participate in the Government-Sponsored Fire Debris and Hazard Tree Removal Program described above (or if properties are deemed ineligible), they may do so at their own expense with work performed by qualified personnel as set forth below.

Property owners in the County Unincorporated areas will submit a “**Los Angeles County Local Fire Debris Removal Program Application**” and work plan to the County for approval before **January 31, 2021**. An approved work plan and applicable permits (such as a demolition permit) are required prior to commencing debris removal. After implementation of the approved work plan, the owner must submit a certification showing that all work has been completed as specified. The work must be completed pursuant to standards set forth by the County and State by **March 15, 2021**. These standards are established to ensure protection of public health and are the same standards applicable to the Government-



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Sponsored Fire and Hazard Tree Debris Removal Program. Documentation of adequate clean-up and proper disposal will be required.

Property owners are strongly encouraged to review all of the Local Fire Debris Removal Program requirements thoroughly before planning or pursuing their own debris removal project. Property owners will not be allowed to build on their property until they have provided a certification that the property clean-up and removal of all hazardous waste has been completed in accordance with applicable standards approved by the County.

A summary of the protocols and requirements is provided below:

Clean-Up Operations	Clean-Up Protocols
Site Documentation	<ul style="list-style-type: none"> • Measure and record foundation and clean-up area • Note location of all hazard trees
Work Plan	<ul style="list-style-type: none"> • Create a work plan that provides for site testing and analysis, hazardous waste and asbestos removal, debris removal, hazard tree removal, erosion control, soil grading, and confirmation sampling
Application Process	<ul style="list-style-type: none"> • Owner or contractor will submit a Los Angeles County Local Fire Debris Removal Program Application to the County via email at bobcatfire@pw.lacounty.gov or lakefire@pw.lacounty.gov as applicable, together with the work plan at least two weeks prior to proposed start date • Once application and work plan are approved, owners/contractors can apply for a demo permit
Site Testing and Analysis	<ul style="list-style-type: none"> • The property owner will need to hire a certified asbestos consultant and soil consultant to test the site
Air Monitoring	<ul style="list-style-type: none"> • Fugitive Dust – Dust is a significant concern. There must always be adequate dust control (water applied to burn ash materials), most importantly during contractor disturbance and loading activities. See “Rule 403 – Fugitive Dust” <ul style="list-style-type: none"> • LA Basin: https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403.pdf?sfvrsn=4 • Antelope Valley: https://avaqmd.ca.gov/files/14c64d1ae/AV403.pdf • Site must be visually monitored for fugitive dust • If recommended by the Certified Asbestos Consultant (CAC), a site must be air monitored for asbestos during debris removal activities • Provide air monitoring results in the final report



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<p>Hazardous Waste and Asbestos Removal</p>	<ul style="list-style-type: none"> • Asbestos assessment is required and, if identified, asbestos containing materials (ACM) must be removed by a licensed asbestos abatement contractor. <ul style="list-style-type: none"> • LA Basin: http://www.aqmd.gov/home/rules-compliance/compliance/asbestos-demolition-removal • Antelope Valley: https://avaqmd.ca.gov/files/77d76337d/AV1403.pdf • All remaining hazardous waste and household hazardous waste must be identified and disposed of by a certified hazardous waste contractor • Waste must be properly disposed of at an approved location from the list provided by in Appendix C
<p>Hours of Operation (Debris Removal Work)</p>	<ul style="list-style-type: none"> • 7 am to 7 pm, Monday through Friday • 8 am to 6 pm, Saturday • No operations on Sunday and holidays
<p>Notifications (PW)</p>	<ul style="list-style-type: none"> • 24 hours prior to beginning debris removal activities, call the Los Angeles County Debris Removal Hotline at (626) 979-5370 and leave a message reporting the site location
<p>Debris Removal</p>	<ul style="list-style-type: none"> • Remove ash and debris, metals, and concrete from the site and dispose of properly • Hazard tree removal • Recycle metals and concrete, if possible • Waste must be disposed of at an approved location from the list provided in Appendix C
<p>Foundations</p>	<ul style="list-style-type: none"> • Completely remove and dispose of foundation <ul style="list-style-type: none"> ○ Exceptions may be considered by the Building and Safety Division. Contact Los Angeles County Public Works, Building and Safety – Antelope Valley Field Office (661) 524-2390
<p>Soil Grading</p>	<ul style="list-style-type: none"> • Remove 3 to 6 inches of soil from the impacted area or to a level of visually clean after the ash and debris is removed
<p>Confirmation Sampling</p>	<ul style="list-style-type: none"> • A licensed soil consultant must collect soil samples from 0-3 inches for confirmation sampling and compare soil sample results against State clean-up goals. The testing standards will be provided by Environmental Health and will be the same standards used for the Government-Sponsored Fire Debris and Hazard Tree Removal Program.



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Erosion Control	<ul style="list-style-type: none"> Each residential and commercial parcel must receive one of the following erosion control measures per engineer's design: <ul style="list-style-type: none"> Level 1: Hydraulic Mulch Level 2: Hydraulic Mulch Fiber Logs, Silt Control Fences Level 3: Hydraulic Mulch, Fiber Logs, Silt Control Fences
Appliance and Vehicle Recycling	<ul style="list-style-type: none"> Appliances and vehicles must be handled properly to meet the requirements of metals recycling facilities. Vehicle identification numbers must be documented.

3. Owners Who Choose Neither Option Above and Fail to Adequately Remove Debris from their Property

Due to the public health danger to the community, owners who choose **not to participate** in the Government-sponsored Fire Debris and Hazard Tree Removal Program and who **do not complete** an adequate clean-up through the Local Debris Removal Program by **March 15, 2021**, will have the wildfire debris inspected by the County, and be subject to the County taking remedial action that may include, but not be limited to, hazard removal and/or relocation, clean-up, site evaluation, soil testing, and/or chemical analysis. All County expenses incurred for such inspection and mitigation, including but not limited to, contract work, staff time, and administration, are subject to full cost recovery from the owner with a lien recorded on the property.

Confirmation Sampling

Confirmation sampling should be conducted by a licensed professional after fire-related debris has been removed from a property. Representative soil samples must be collected and analyzed to determine compliance with clean-up goals used by the state and federal government which will be available at Public Works. The total number of samples to be collected should be based on estimated square footage of ash footprint:

Estimated Square Footage of Ash Footprint (Decision Unit)	Number of 5-Point Aliquots (Composite Sampling)
0-100 square feet	1
101-1,000 square feet	2
1,001-1,500 square feet	3
1,501-2,000 square feet	4
2,001-5,000 square feet	5
>5,000 square feet	Must consult with local Environmental Health officials

All confirmation samples should be collected after debris is removed and grading is complete from a depth of 0-3 inches using a dedicated 4-ounce plastic scoop and be placed in 8-ounce jars. Samples should be shipped to an approved laboratory for analysis for Title 22 Metals for Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc by Environmental



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Protection Agency (EPA) Method 6020, and Mercury by EPA Method 7471A. California Department of Resources Recycling and Recovery (CalRecycle) is currently using EPA Method 6020 in the Consolidated Debris Removal Program.

This information is based upon statutes and regulations and is intended to provide a basic overview to help achieve compliance. This document does not replace or supersede relevant statutes and regulations and is not intended as legal advice.



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GUIDELINES, TEMPLATES AND RESOURCE LIST FOR PROPERTY OWNERS, CONTRACTORS AND CONSULTANTS

The following guidelines, templates, and resource list have been created to assist property owners, contractors and consultants through the clean-up process. While the templates presented here are optional, it is highly encouraged that the organizational processes outlined are followed to facilitate an expedient review and approval of work plans and reports such that a Property Clean-Up Completion Certification can be issued to start the rebuilding process.

Guidelines/Templates/Resource Summary

- Appendix A – Work Plan Outline/Contents
- Appendix B - Final Report Checklist/Contents
- Appendix C - Solid Waste Disposal Site List
- Appendix D - Recycling Resource List
- Appendix E - Template Work Plan

Work Plans and Reports Outline/Contents

The intent of Work Plans and Reports is to ensure that no steps are missed in the clean-up process, including all required testing and permits. **Submittals made under these guidelines may include a brief description of how you will perform the work**, such as referring to posted County documents and acknowledging that the proper clean-up practices outlined will be adhered to.

Included as **Appendix A and B** to this document please find a general work plan checklist and report format outlines that will assist in the timely review of submitted documents. **Appendix E** includes a standard work plan template that can be used to ensure that a comprehensive work plan is submitted, although site-specific details are required.

Debris Removal Requirements to Solid Waste Disposal Facilities

As a general note, sites that the California Department of Toxic Substances Control (DTSC) flag as potentially not cleared of household hazardous waste (HHW) must be appropriately addressed within the work plan for debris characterization, removal, and disposal. Fire debris/ash at a minimum shall be disposed of at a Class III disposal facility with a liner approved by the Regional Water Control Board to accept the waste. Any debris characterization requirements of the disposal site must be met before transportation to such site. An approved hauler appropriately licensed for the material transported will need to perform such work, and the material must be wetted and “burrito wrapped” (CalRecycle protocol) and tarped for transport and ultimate disposal. Contractors/haulers failing to adhere to this standard may have their material rejected at the disposal facility and/or a fine imposed.

Asbestos transport must be disposed of at a facility permitted to accept such waste. Best management practices shall be established in such handling and disposal (work plan should have provisions outlined where asbestos is encountered), and a hauler appropriately licensed for the material transported will need to perform such work.

Transport and disposal documentation for generated debris removal should be retained and included with your Property Clean-up Completion Certification submittal. **Appendix C** includes a preliminary list of disposal facilities provided in collaboration with the Regional Water Quality Control Board and the California Department of Resources Recycling and Recovery (CalRecycle) which may accept the material. Please note such facilities are working with their regulators in some cases with conditional waivers and may not immediately be able to take the material.

Hazard Tree Removal

Any tree that was fire damaged and that is in immediate danger of falling onto an eligible road or parcel is considered a hazard tree that must be removed to eliminate the immediate threat to the public at large.

If an owner does not participate in the Government-Sponsored Fire Debris and Hazard Tree Removal Program and there are hazard trees on their property, the owner is required to identify and remove such trees at their own cost. Maintaining a hazard tree is prohibited and shall be deemed a public nuisance and subject to any enforcement process available by law. Contact the Department of Regional Planning – Antelope Valley Office at (213) 974-6411 if the hazard tree(s) to be removed is an Oak or Joshua tree.

Dust Control

- Property owners or their contractors must provide water or an approved dust palliative, or both, to prevent dust nuisance at each site. Dust resulting from performance of the work shall be controlled at all times.
- Each area of ash and debris to be removed must be pre-watered 48 to 72 hours in advance of the removal. Hoses with a fine spray nozzle are recommended. The water must be applied in a manner that does not generate runoff. Engineering controls for stormwater discharges must be in place prior to dust control operations.
- 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 the site. If concrete loads generate dust, then the loads must be wetted and covered.
- All waste material that is not unloaded at the end of each workday should be consolidated, sufficiently wetted, and/or covered to prevent the offsite migration of contaminants.
- All visibly dry disturbed soil surface areas of operation should be watered to minimize dust emissions during performance of work.
- Speeds must be reduced when driving on unpaved roadways.
- Procedures must be implemented to prevent or minimize dirt, soil, or ash contaminating roadways, neighboring parcels, or creating an airborne health hazard. The use of blower devices, dry rotary brushes, or brooms for removal of carryout and track out on public roads is strictly prohibited.

Vehicle and Road Safety

If removal activities on property owners’ parcels will create a roadway blockage or hinder traffic patterns, property owners or their contractors are responsible for obtaining any required local permits and shall post all warning signs, as required by local ordinances. As there may be many contractors



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actively working on remediation efforts in the burn area, it is in property owners' best interests to identify removal and remediation efforts in adjacent areas that could impact the ability to locate, park, or transport equipment and materials.

Soil Testing and Screening Criteria for Work Plans and subsequent Report of Findings

Initial Screening Criteria have been established in consultation with CalRecycle for soil confirmation sampling after completion of visible clean-up of properties. Please note, these are initial health screening criteria in the absence of background data. As such, screening levels provided here may be raised (more lenient) should ambient concentrations of metals be found to be prevalent in background data sets. **Testing of metals must be performed by EPA Lab Method 6020, with the exception of Mercury by EPA Method 7471A.**

Initial Health Screening Criteria for Soil		
Analyte	Health Screening Level mg/Kg	Cleanup Level
Antimony	30	Health Screen ^b
Arsenic	0.11 ^a	Health Screen ^a
Barium	5,200	TTLC ^d
Beryllium	15	Health Screen ^a
Cadmium	70	Health Screen ^a
Chromium	36,000	TTLC ^d
Cobalt	23	Health Screen ^a
Copper	3,000	Health Screen ^b
Lead	80	Health Screen ^a
Mercury	5.1	Health Screen ^a
Molybdenum	380	Health Screen ^b
Nickel	819	Health Screen ^a
Selenium	380	TTLC ^d
Silver	380	Health Screen ^a
Thallium	5	Health Screen ^c
Vanadium	390	Health Screen ^a
Zinc	23,000	TTLC ^d

- a. Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 June 2020 residential soil screening values.
- b. United States Environmental Protection Agency (USEPA) November 2018 residential soil Regional Screening Levels (RSLs).
- c. California Environmental Protection Agency, Revised California Human Health Screening Levels (https://oehha.ca.gov/media/downloads/riskassessment/california-human-health-screening-levels-chhsls/chhslstableall_0.pdf). September 2010.
- d. Total Threshold Limit Concentration (TTLC), California Code of Regulations, Title 22, Chapter 11, Article 3, used to define California regulated hazardous waste. Note: cleanup is below TTLC no lab error rate applied.

Sites containing soils where testing shows levels that exceed Initial Health Screening Criteria

For sites that contain soils where sampling showed levels that did not meet the Initial Health Screening Criteria, a soil background sampling plan should be submitted. The soil background sampling plan should include:

- A sampling map providing surface sampling locations and background boring locations.
- 5 individual soil borings taken at 24 inches below ground surface to be analyzed discretely. Samples must remain separate from one another not be combined.
- Boring locations should be taken in areas 20 feet away from burned structure if possible. If not possible, the top 6 inches of soil should be removed before the boring is made to reduce the likelihood of cross contamination.

Boring samples do not require testing for all metals listed in the Initial Health Screening Criteria. Only metals that are investigated for the possibility of a higher site-specific background level are needed.

General Recycling and Testing Guidelines

Included as **Appendix D** is a resource list for general recycling of concrete and metals. Please note, this list is provided as a courtesy and information contained herein should be verified by the property owner/ contractor / consultant before taking material to the vendors listed. Additionally, for concrete transport and disposal, disposal may be limited due to the potential presence of asbestos. As such testing is recommended before transport and disposal and acceptance criteria should be verified with potential processors.

Well and Septic Guidelines

Well Safety

- Contact Los Angeles County Public Health, Environmental Health Division at (626) 430-5420 for water safety questions, well location, to obtain information on well repair permits or if you will be rewiring electrical lines to your well
http://www.publichealth.lacounty.gov/eh/docs/ep_dw_monitoring_well_app.pdf
- Any electrical work will require a permit from Building and Safety
- Identify wells and water tanks on the property and take steps to protect them during debris removal

Septic Systems

- Contact the Los Angeles County Public Health, Environmental Health Division at (626) 430-5380 for questions regarding your system location
- Identify septic tank and leach field locations and take steps to protect them during debris removal. Any immediate hazard involving the septic tank or septic system shall be mitigated prior to debris removal. There may be information on the location of the septic system at:
http://publichealth.lacounty.gov/eh/docs/ep_lu_septic_assessment_after_fire.pdf

Grading and Erosion Control

Once grading has been completed, best management practices (BMPs) shall be implemented to establish erosion control at the disturbed site.

- Follow best management erosion and sediment control practices (BMPs) to prevent ash, soil, and other pollutants from washing into the street, drainage courses and culverts, or onto neighboring properties.
- Stockpiled materials that are not immediately loaded for transport shall be handled and stored on site in such a manner as to avoid offsite migration. Stockpiles must be removed by the **March 15, 2021** debris removal deadline. This may include wetting and covering the waste until it is loaded and transported. Locate stockpiles away from drainage courses, drain inlets or concentrated flows of storm water.
- Stockpiled material may not be stored or placed in a public roadway
- If a stockpile is classified as hazardous, it must be transported to a hazardous landfill. Hazardous materials and refuse must be kept in closed containers that are covered and utilize secondary containment, not directly on soil. If the stockpile is non-hazardous, it can be sent to a Class Three (3) landfill.
- During the project and in the rainy season, cover non-active soil stockpiles and contain them within temporary perimeter sediment barriers, such as berms, dikes, silt fences, or sandbag barriers. A soil stabilization measure may be used in lieu of cover.
- Implement appropriate erosion control measures during debris removal and provide final site stabilization after debris removal is completed.

Foundations, Slabs, and Foundation systems

Foundations and slabs must be removed from the site. Contact Los Angeles County Public Works, Antelope Valley Building and Safety Office at (661) 524-2390 for more information. In general, the structural integrity of concrete and masonry (CMU) 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. There are a number of test and standards for evaluating the compressive strength of the concrete or masonry, including ASTM C39 and ASTM C140, which involve taking core samples from foundations and doing a compressive test in a certified lab. Homeowners interested in pursuing an exception and retaining their foundation are advised to discuss this issue in detail with the professional engineer who will be designing their replacement structure.



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Appendix A Work Plan Outline/Contents

1.0 Project Overview

1.1 Property and Property Owner(s) information

- Name and contact information
- Site address/Assessor's Parcel Number (APN)

1.2 List of Contractors (name, license, contact information)

1.3 Scope of Work

1.3.1 Description of property and proposed activities

- 1.3.1.1 **Identify equipment and material staging area**
- 1.3.1.2 **Site Health and Safety Protocols and Traffic Control**
- 1.3.1.3 Hazard Tree Removal

1.3.2 Site Plan

- 1.3.2.1 **Prepare Site Plan including a sketch of footprints for all structures, location of survey monuments, description of type of foundation(s) and other hardscape, and locations of all utilities, public roads, and hazard trees**
- 1.3.2.2 **Photograph each site from all sides** to document all aspects of the property
- 1.3.2.3 **Sketch and record ash footprints**
- 1.3.2.4 **Identify and photograph other property-specific hazards** (i.e. hazard trees, swimming pools, large vehicles)

1.3.3 Water Lines / Wells (If applicable)

- 1.3.3.1 **Identify water wells on properties not serviced by the local water agency**
- 1.3.3.2 **Identify water and electrical sources**

1.3.4 Septic Systems / Sewer Lines (If applicable)

- 1.3.4.1 **Identify septic tank and leach field locations** on each property

1.4 Statement of intent to notify and/or obtain required permits and to work within acceptable hours of operation

1.4.1 Underground Service Alert (USA)

- 1.4.1.1 **Check for underground utilities** by alerting Underground Service Alert (USA) for public right of way
- 1.4.1.2 **Check for underground utilities** by using an independent private utility locator service for private right-of-way, if necessary

- 1.4.2 South Coast Air Quality Management District (SCAQMD) – OR – Antelope Valley Air Quality Management District (AVAQMD) Permit (as applicable)
- 1.4.3 Los Angeles County Public Works, Environmental Programs Division – Demolition Waste Recycling Permit
- 1.4.4 Los Angeles County Public Works, Building and Safety Division – Demolition Permit
- 1.4.5 Los Angeles County Public Works – 24-hour notifications

2.0 Background Site Assessment

- 2.1 Site Testing and Analysis Plan (Asbestos and Soil)
 - Conduct surveys to identify, sample, and analyze results for suspected gross asbestos containing materials (ACM)** including concrete foundations and mortar
- 2.2 Foundation Analysis and Plan (if foundation is to remain in place an approval from the Building Official required)

3.0 Hazardous Waste and Asbestos Removal

- 3.1 Hazardous Waste and Household Hazardous Waste Removal
- 3.2 Asbestos Removal
 - Initiate air monitoring protocol and fugitive dust controls per AQMD permit**
- 3.3 Air Monitoring Protocols for Fugitive Dust Control

4.0 Debris Removal and Disposal / Recycling

- 4.1 Ash and Fire Debris (including hazard tree removal)
 - Collect, consolidate, and remove ash, debris, hazard trees, and soil for disposal**
- 4.2 Metals Including Vehicles and Appliances
 - Remove vehicles for recycling or disposal**
 - Name of Recycling Facility
 - Provide VIN
 - Collect, and remove metals for recycling**
 - Name of Recycling Facility
 - Disposal Site
- 4.3 Concrete, Brick & Masonry
 - Collect and remove concrete for recycling**
 - Track and log quantities and types of materials transported to landfill or recycling facility**
- ❖ Retain documents and receipts for final report for submission to Los Angeles County Public Works with the project Completion Certificate

5.0 Soil Grading and Erosion Control

5.1 Description of Grading Activities

- Finish grading/smoothing ground surface**

5.2 Description of Erosion Controls

- If results are less than or equal to cleanup goals**, the site will be prepared for final erosion control and certification
- Implement stormwater BMPs** to control sediment runoff from each remediated property

6.0 Confirmation Sampling

- Prepare a site diagram or sketch that includes the anticipated soil sample locations**
- Sample and analyze soil**
- Compare soil analytical results to screening criteria established by Public Health**
- If results exceed screening criteria, another layer of soil must be removed, and confirmation samples must be collected.**
- Acknowledge preparation of a site-specific final report per Appendix B of the “Los Angeles County Local Debris Removal Program Application” packet, for delivery to the Los Angeles County Building and Safety Division with the “Property Clean-Up Completion Certification” form**

7.0 Attachments (If applicable):

- Vicinity Map
- Plan Maps including former structure and burn debris footprint
- Photographs
- Laboratory Test Results
- Auto VIN Identification Verification.

Appendix B Final Report Outline/Contents

Index of Final Report Contents:

- Section 1: Property Information (Assessor's Parcel Number, Contacts for Owner/Contractor(s)/Consultants)
- Section 2: Description of work performed:
 - 2A Site Testing and Analyses, description and summary of results (Asbestos and Soil)
 - 2B Air Monitoring Protocols for Fugitive Dust Implementation
 - 2C Hazardous Waste and Asbestos Removal Documentation
 - 2D Debris Removal Documentation
 - 2E Soil Grading / Removal to level of visually clean
 - 2F Foundations (Removal or Testing results for Potential Reuse)
 - 2G Confirmation Sampling Results
 - 2H Documentation of Appliance and Vehicle Recycling or Disposal
 - 2I Documentation of work related to Well and Septic
- Section 3: Vicinity Map, Plot Plan and Drawings
- Section 4: Analytical Table with results compared with State Health Screening Criteria
- Section 5: Certified Laboratory Reports



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Appendix C Solid Waste Disposal Site List



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MUNICIPAL SOLID WASTE LANDFILLS OPERATING IN LOS ANGELES COUNTY

	Site Name	Site Address and Contact Phone	Materials Accepted	Maximum Daily Capacity (tons)
1	Antelope Valley Public Landfill	1200 West City Ranch Road, Palmdale, CA 93551 (661) 947-7197	Solid Waste, including: Agricultural, Asbestos, Construction/demolition, Contaminated soil, Green Materials, Industrial, Inert, Mixed municipal	3,600
2	Calabasas Landfill	5300 Lost Hills Road, Agoura, CA 91301 (818) 889-0363	Solid Waste, including: Construction/demolition, Industrial, Mixed municipal, Tires, Green Materials	3,500
3	Chiquita Canyon Landfill	29201 Henry Mayo Drive, Castaic, CA 91384 (661) 257-3655	Solid Waste, including: Mixed municipal, Green Materials, Construction/demolition, Industrial, Inert	12,000
4	City of Burbank Landfill #3	3000 North Bel Aire Drive, Burbank, CA 91504 (818) 238-3915	Solid Waste, including: Mixed municipal, Construction/demolition, Industrial, Inert	240
5	Lancaster Landfill	600 East Avenue F, Lancaster, CA 93535 (661) 947-7197	Solid Waste, including: Agricultural, Construction/demolition, Industrial, Mixed municipal, Tires, Inert, Green Materials, Asbestos, Sludge (BioSolids), Contaminated soil	5,100
6	Pebbly Beach Landfill	1 Dump Road, Avalon, CA 90704 (310) 510-0240	Solid Waste, including: Ash, Mixed municipal, Sludge (BioSolids), Green Materials, Inert, Metals	49
7	San Clemente Landfill	San Clemente Island, San Clemente Island, CA 92674 (619) 545-5543	Solid Waste, including: Industrial, Mixed municipal, Construction/demolition, Inert	10
8	Savage Canyon Landfill	13919 East Penn Street, Whittier, CA 90602 (562) 907-7750	Solid Waste, including: Mixed municipal, Construction/demolition, Industrial, Green Materials, Inert	350
9	Scholl Canyon Landfill	7721 N. Figueroa St , Los Angeles, CA 90041 (818) 243-9779	Solid Waste, including: Inert, Construction/demolition, Industrial, Mixed municipal, Manure, Tires	3,400
10	Sunshine Canyon City/County Landfill	14747 San Fernando Road, Sylmar, CA 91342 (818) 833-6500	Solid Waste, including: Construction/demolition, Green Materials, Industrial, Inert, Mixed municipal	12,100

Source: Los Angeles County Department of Public Works

Last Updated: November 5, 2018



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Appendix D Recycling Resource List



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Construction and Demolition Debris Recycling Facilities in Los Angeles County

For the most up to date list, please visit: LACountyCND.com

All (Mixed) Debris— Wood, drywall, metal, cardboard, Inert Debris, Land Clearing Debris, Soil		
Location	Facility Name	Phone
Canyon Country	Ranfam/Rent-A-Bin ^h	(661) 250-5333
Gardena	California Waste Services ^h	(800) 839-5550
Lancaster	WM - Lancaster Landfill	(661) 726-3468
Long Beach	American Industrial Services	(800) 500-3881
Los Angeles (Downtown)	WM - Downtown Diversion	(213) 612-5005
Los Angeles (East LA)	Direct Disposal ^h	(323) 262-1604
Los Angeles (near Glendale)	American Reclamation ^h	(323) 245-0125
Palmdale	WM - Palmdale Landfill ^h	(661) 947-7197
Santa Clarita	Burrtec Services ^h	(866) 270-5370
Santa Clarita	Republic Services	(800) 299-4898
Santa Monica	Southern California Disposal	(310) 828-6444
South Gate	Construction and Demolition Recycling, Inc.	(323) 357-6900
Sun Valley	Crown Recycling Services	(818) 767-0675
Sun Valley	WM - East Valley Diversion	(818) 252-0019
Inert Debris Only — Asphalt, asphalt concrete, concrete, concrete blocks, gravel, rocks, soil		
Location	Facility Name	
Lancaster	Arrow Transit Mix, Inc.	(661) 945-7600
Long Beach (North)	Hanson Aggregates	(626) 856-6700, Option 1
Long Beach (South)	Hanson Aggregates	(636) 856-6700, Option 1
Los Angeles (Boyle Heights)	Security Paving Company, Inc. (formerly 25th Street Recycling)	(818) 362-9200
Monrovia	Peck Road Gravel	(626) 574-1855
Sun Valley	Vulcan Materials	(818) 983-0146
Sun Valley	RAMCO	(818) 767-0700
Sun Valley	Security Paving company, Inc. (formerly Bradley Recycling)	(818) 362-9200
Land Clearing Debris — Green waste, clearing and grubbing		
Location	Facility Name	Phone
Granada Hills	North Hills Recycling	(818) 831-7980
Newhall	Foothill Soils, Inc. ^{*h}	(661) 254-1045
Pomona	Recycled Wood Products ^{*h}	(909) 868-6882
Santa Fe	Greencycle ^{*h}	(562) 906-5223
Sun Valley	WM - Bradley East Transfer Station	(818) 767-6180
Deconstructed Material Only		
Location	Facility Name	Phone
Los Angeles (Boyle Heights)	Freeway Building Materials	(323) 261-8904
Los Angeles (Boyle Heights)	Southern California Architectural Salvage	(213) 623-3119
Los Angeles (near Glendale)	The Reuse People	(818) 244-5635
Pasadena	Pasadena Architectural Salvage	(626) 535-9655

^h This facility is also a County authorized commercial waste hauler that may provide roll-off bin service.

^{*}This facility also accepts soil.



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Appendix E Template Work Plan



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Local Fire Debris Removal Program Standard Work Plan Template

1.0 Project Overview

1.1 Property Information and Property Owner Contacts		
Property Owner Name:		
Property Address:	City:	Zip:
Assessor's Parcel Number (APN):		
Phone(s):	Email:	
Mailing Address:	City:	Zip:

1.2 List of Contractor(s) and Consultants	
Name:	License No.:
Phone:	Email:
Name:	License No.:
Phone:	Email:
Name:	License No.:
Phone:	Email:



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1.3 Scope of Work:

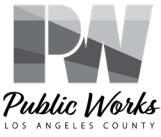
Provide a brief description of property and proposed activities (Footprint, description of structures and/or debris). Attach Photos /Sketches of ash footprint.

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:



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Site Plan including a sketch of footprints for all structures, location of survey monuments, description of type of foundation(s) and other hardscape, and locations of all utilities, public roads, and all hazard trees

A large, empty rectangular box with a thin black border, intended for a site plan sketch. The box is currently blank.



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1.4 REQUIRED Notifications / Permits / Hours of Operation

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

South Coast Air Quality Management District (SCAQMD)
21865 Copley Drive, Diamond Bar, CA 91765
Main Office – (909) 396-3385

or

Antelope Valley Air Quality Management District (AVAQMD)
43301 Division Street Suite 206, Lancaster CA 93535
Main Office - (661) 723-8070

Los Angeles County Public Works
900 South Fremont Avenue, Alhambra, CA 91803
Contact Phone Number – (626) 979-5370

24 hours prior to beginning debris removal activities, call the Los Angeles County Debris Removal Hotline at (626) 979-5370 and leave a message reporting the site location.

Within 24 hours of completing debris removal, call Public Works at (626) 979-5370.

Debris removal acceptable hours of operation:

7 a.m. to 7 p.m., Monday through Friday
8 a.m. to 6 p.m., Saturday
No operations on Sunday and holidays

Department of Regional Planning – Antelope Valley Office
335A East Avenue K-6
Lancaster, California, 93535

Contact (213) 974-6411 if the hazard tree(s) to be removed is an Oak or Joshua tree.

Provide statement of intent to notify and/or obtain required permits and to work within acceptable hours of operation.



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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:

2.2 Foundation Analysis and Plan

In general, the structural integrity of concrete and masonry can be adversely 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, an approval from Los Angeles County Building and Safety is required. Please contact the Antelope Valley Building and Safety Office, 335 A East Avenue K-6 Lancaster, CA 93535 or (661) 524-2390.

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



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3.0 Hazardous Waste and Asbestos Removal

During Phase I of the Consolidated Fire Debris Removal Program, 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 Personal Protective Equipment (PPE) should be worn when handling, sorting, and transporting these materials (e.g. gloves, respiratory protection, appropriate footwear).

3.1 Hazardous Waste and Household Hazardous Waste Removal

All remaining hazardous waste and household hazardous waste will be identified and disposed of by a certified hazardous waste contractor. Household hazardous wastes (batteries, propane tanks, paint, gasoline cans, cleaning products, pesticides, fluorescent light bulbs, etc.) should be identified, segregated, and disposed of at a Household Hazardous Waste Facility or Recycling Facility.

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



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3.2 Asbestos Removal

Asbestos or ACM requires assessment by a Certified Asbestos Consultant. 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)



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3.3 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. Refer to AQMD Rule 403 – Fugitive Dust (update) for more details. 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 of ash and debris to be removed will be pre-watered with a fine spray nozzle, 48 to 72 hours in advance of 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.

For additional guidelines, please refer to the following:

- LA Basin: <https://www.aqmd.gov/docs/default-source/rule-book/rule-iv/rule-403.pdf?sfvrsn=4>
- Antelope Valley: <https://avaqmd.ca.gov/files/14c64d1ae/AV403.pdf>

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 Debris Removal and Disposal / Recycling

Remove ash and debris, hazard trees, metals, and concrete 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. Vehicle Identification Numbers must be documented. All waste must be disposed of at an approved location from the list provided by Public Works (See Appendices C and D in Guidelines, Templates and Resource List for Property Owners, Contractors and Consultants). Debris will be handled in the following manner:

4.1 Ash and Fire Debris
4.2 Metals Including Vehicles and Appliances
4.3 Concrete, Brick & Masonry
4.4 Hazard Tree
If the hazard tree(s) to be removed is an Oak or Joshua Tree, notify Department of Regional Planning and provide documentation (i.e., photos).



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5.0 Soil Grading and Erosion Control

5.1 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. Los Angeles County Public Works, Building and Safety Division will be contacted and grading permits (if needed) will be obtained prior to beginning any grading activities.

5.2 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 by Los Angeles County Public Works.

6.0 Confirmation Sampling

Initial Screening Criteria and protocols have been established in consultation with CalRecycle for soil confirmation sampling after completion of visible clean-up of properties. These are initial health screening criteria in the absence of background data. Screening levels listed below may be raised (more lenient) should ambient concentrations of metals be found to be prevalent in background data sets. Testing of metals must be performed by EPA Lab Method 6020, with the exception of Mercury by EPA Method 7471A. A licensed soil consultant will collect soil samples from a depth of 0-3 inches for confirmation sampling and compare results to clean-up goals. **Attach a sketch showing the ash footprint and anticipated soil sample locations.**

Soil Consultant Collecting Samples
Name: License No.:



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State-certified Laboratory
Name:
Phone:

Initial Health Screening Criteria for Soil		
Analyte	Health Screening Level mg/Kg	Cleanup Level
Antimony	30	Health Screen
Arsenic	0.11 _a	Health Screen
Barium	5,200	TTLC
Beryllium	15	Health Screen
Cadmium	70	Health Screen
Chromium	36,000	TTLC
Cobalt	23	Health Screen
Copper	3,000	Health Screen
Lead	80	Health Screen
Mercury	5.1	Health Screen
Molybdenum	380	Health Screen
Nickel	819	Health Screen
Selenium	380	TTLC
Silver	380	Health Screen
Thallium	5	Health Screen
Vanadium	390	Health Screen
Zinc	23,000	TTLC

Sites containing soils where testing shows levels that exceed Initial Health Screening Criteria

For sites that contain soils where sampling showed levels that did not meet the Initial Health Screening Criteria, a soil background sampling plan should be submitted. The soil background sampling plan should include:

- A sampling map providing surface sampling locations and background boring locations.
- 5 individual soil borings taken at 24 inches below ground surface to be analyzed discretely. Samples must remain separate from one another not be combined.
- Boring locations should be taken in areas 20 feet away from burned structure if possible. If not possible, the top 6 inches of soil should be removed before the boring is made to reduce the likelihood of cross contamination.



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Boring samples do not require testing for all metals listed in the Initial Health Screening Criteria. Only metals that are investigated for the possibility of a higher site-specific background level are needed.

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

Final Report

After implementation of the approved work plan, a Debris Clean-up Completion Certification, along with a Final Report will be submitted to the Los Angeles County Public Works. Information and documentation included in the Final Report will follow the outline provided in Appendix B of the *Guidelines, Templates and Resource List for Property Owners, Contractors and Consultants*.