



2023 Community Green Waste Drop-Off Site Operations

(Similar programming also planned for 2024 through the CAL FIRE – Fire Prevention Grant Program)

LOCATION

12625 Brunswick Rd, Grass Valley; APN: 006-441-003 & -004.

HOURS OF OPERATION

- Green Waste Collection will take place on the 2nd and 4th weekends of the months from March through June of 2023.
- Green Waste Grinding will take place the following weeks (T-F) of each green waste collection weekend between 8:00 a.m. and 5:00 p.m and chips will be made available for community pickup to facilitate carbon sequestration in the county. Chips will remain onsite for community pickup in between drop off events on following weeks. Excess chips will be hauled offsite to predetermined sites or a biomass facility.

GREEN WASTE FIRE HAZARD MITIGATION

On Sunday and Monday of each collection event week, collected green waste will be stored on hardscape areas as shown on the site maps included. The material collected will be similar in composition to that of burn piles commonly seen on residential properties during seasonal clearing activities, though piles will be larger. At that stage, the green waste will not be sufficiently compressed to allow for spontaneous combustion. However, a water tender/buffalo will be on site when the piles are being moved, or ground down, should a spark ignite a pile. Clearance will also be maintained away from any site vegetation to help ensure access around the entirety of piles during operations.

During the weekdays following each event the material will be ground down and hauled offsite to an approved facility. There will also be small piles of chips for community pickup as shown on the project map. Pile heights will be sufficiently limited to reduce the compression load, and therefore reduce the risk of combustion. The Site Supervisor, and/or vendor, will be equipped with a REOTEMP Heavy Duty Compost 48 in 200 Degrees Fahrenheit Thermometer or equal to monitor pile temperature and instructed to take readings at a minimum of 2 times each day if the pile height is greater than 3 feet. In the event of a fire the Site Supervisors, and/or vendor will contact 911 and coordinate with the local fire agency to ensure the fire is fully extinguished.

All material received including slash and wood rounds will be processed and chipped. Any material deemed suitable for the Senior Firewood Program will be diverted for Gold Country Senior Services for firewood processing/storage. Rounds will be accepted but not complete logs. Records for amounts of material processed and taken offsite to pre-determined locations will be kept for grant reporting and

carbon sequestration tracking. Records will be organized onsite and managed by the Fire Safe Council of Nevada County.

The Ophir Hill Fire Station is 1.4 miles away and the Cal Fire Emergency Command Center is 2.2 miles away from the site. Both departments will be notified of the event dates, planned operations, and will have given approval prior to the events occurring. Phones will be on site, with a list of emergency numbers to call in the event of an emergency.

This activity falls under the following exclusion:

14 CCT, Section 17855 (5) The handling of compostable materials is an excluded activity if: (I) the activity is the storage of yard trimmings at a publicly designated site for the collection of lot clearing necessary for fire protection provided that the public agency designating the site has notified the fire protection agency.

Regulatory Permitting Approvals:

- California State Water Resources Control Board:
 - Waste Discharger Identification (WDID) No. In Progress and will be obtained prior to first event
 - Industrial General Permit No. In Progress and will be obtained prior to first event
- Nevada County Planning Department: Notice of Exemption Dated: In Progress and will be obtained prior to first event
- Ophir Hill Fire Protection District Operational Approval Dated: In Progress and will be obtained prior to first event

SCREENING PROCESS

At time of arrival, staff and/or volunteer will confirm and document the address of the private property owner and they are located within Nevada County. The address the material originated from and estimated quantity in cubic yards will be recorded. The property owner will then unload the debris at the approved site location. Should unload assistance be required, Fire Safe Council staff will assist. It is anticipated that a maximum of 1000 cubic yards/ 300 tons of material will be received daily.

If property owners bring ineligible material to the site, such as construction/demolition debris or municipal garbage, rounds over 28 inches, root balls, and invasive species such as scotch broom, blackberries, etc., they will be directed to take such debris to the McCourtney Road transfer station.

EQUIPMENT NOISE LEVELS

Manufacturer specs were not available, so tests were conducted for each unit at distances closer than most people will be within. The site is large enough to prevent noise nuisance to adjacent communities and residences.

Kubota KX-080

- Tier 4 Final Engine
- 72dB at 100ft distance
- 62 dB at 200 ft distance

Kubota U-35 mini excavator loading tub grinder at the Rise Gold Site

- Tier 4 Final Engine
- 65 dB at 100 ft distance

- 56 dB at 200 ft distance

Tub Grinder

Grinding at Rise Gold Site

- Tier 4 Final Engine
- 65 dB at 100 ft distance
- 56 dB at 200 ft distance

Front end loader at Truckee Rodeo Grounds site, loading waste into bins to be hauled away

- 65 dB at 100 ft distance
- 56 dB at 200 ft distance

RUNOFF

• The site sits on asphalt pads located toward the lot line adjacent to Brunswick Road, at sufficient distance from any waterways. Rainfall will likely be absorbed by green waste or processed green waste. Loads will be screened for invasive species to prevent propagation of such.

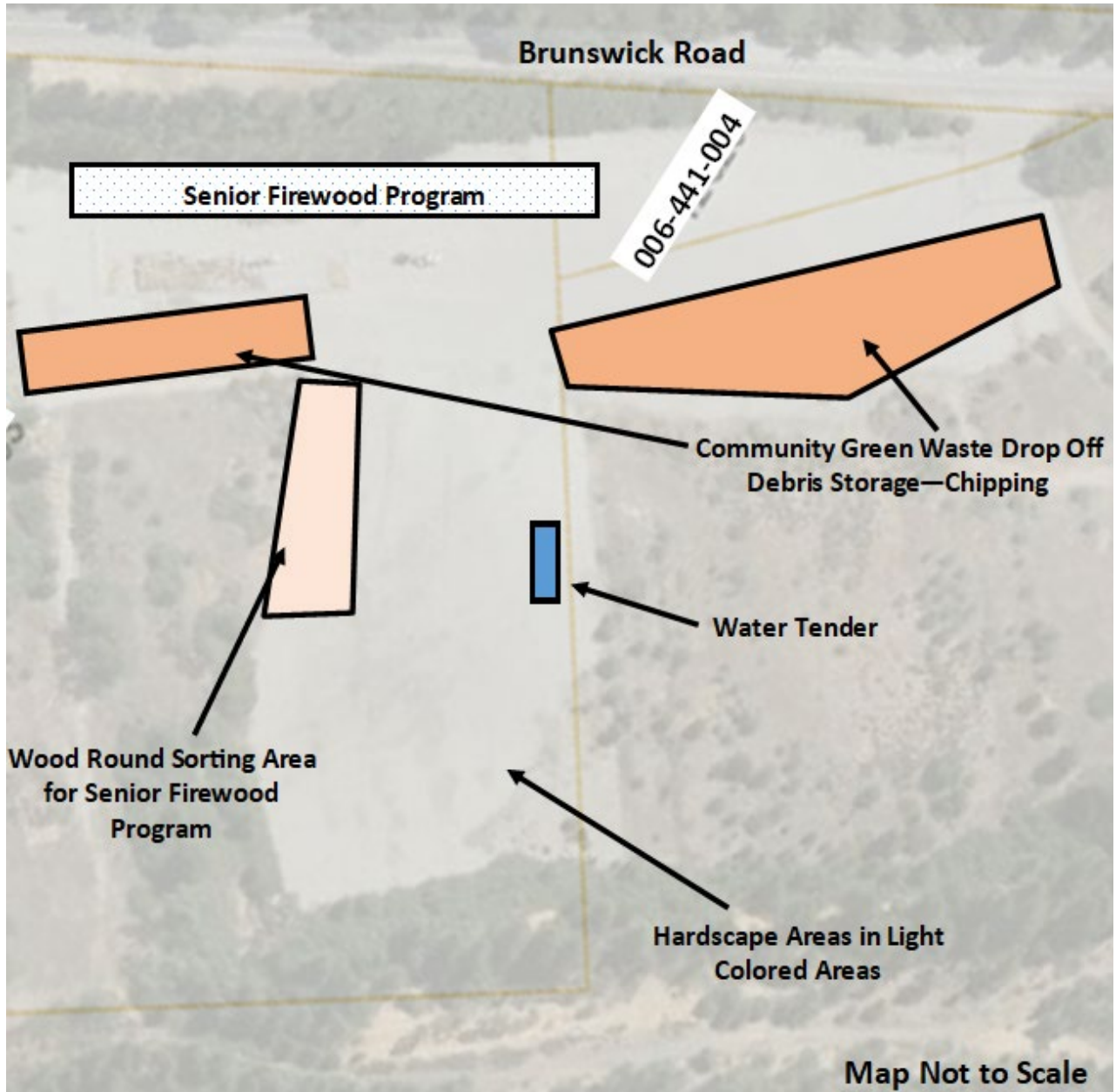
SECURITY

- The site has fencing and locked gates to secure the sites. Padlocks will be on the gates for the owners of the lot, and for the Fire Safe Council of Nevada County. There will be an additional lock at the site location for Gold Country Community Services to access their Senior Firewood Program.
- Photos will be taken before and after each collection day to document pile size and spot any illegal dumping. During non-operational hours, trail cameras will be positioned to monitor site access.
- Site Supervisors will be instructed to secure portable toilets, and all supplies prior to each event.
- Vendors will be instructed to park heavy equipment behind locked gates and have the responsibility of securing their own equipment in the areas marked "Green Waste Overflow" on each site diagram.
- Contractor to notify the Nevada County Sheriff's Office and Grass Valley Police Department three days prior to each event weekend providing them notice of the event and possible increased traffic at the Brunswick Road and Bennett Street locations.

SITE PLANS

Site and traffic plans are attached for reference. Prepared by: Craig Griesbach, Director of Emergency Services, County of Nevada Information and General Services, 530-913-1583, craig.griesbach@co.nevada.ca.us and Jamie Jones, Executive Director, Fire Safe Council of Nevada County, 530-264-6661, jamie@areyoufiresafe.com.

Storm Emergency Green Waste Collection Site Plan



Emergency Storm Green Waste Traffic Plan



Cones

Cones will be placed along a 100-foot route marked with a dotted line in the site plan above. Traffic will proceed entering from Bennett Street and staging on the site property and will exit onto Brunswick Road via a right turn only.

Signs

A banner will be posted for a week prior, and during the event, to alert the community of the increased traffic. A variable message sign will be placed one week in advance at the location shown in the image below, to alert the community of increased traffic, as well as through other channels such as social media.

Directing Traffic

Variable Message Sign “Slow” Hazard Sign as shown in the image below. A volunteer will be directing traffic at the entrance to the event, according to plan.



Contacts

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