

CALIFORNIA INVASIVE SPECIES ADVISORY COMMITTEE (CISAC) MEETING

Invasive Shot Hole Borer Sub-Committee

Pathways – Including Green Waste and Firewood

Meeting Minutes

Wednesday April 3rd, 2019

9:00pm – 11:00am

Meeting Action Items

- **Next Meeting: Wednesday April 16th 9am to 11am**

Working Groups	Charge	Participants
Green Waste	<ul style="list-style-type: none">● Develop Best Management Practices and Procedures for Green Waste Sites● Increase collaboration between Local Agricultural Commissions and Local Enforcement Agencies● Discuss potential pilot programs● Identify potential other utilizations of wood products	Coordinator: Keith Okasaki Participants: Bob Horowitz, Justin Milan, Shikari Ota, Neil Edgar, Nawal Sharma, Kathryn Cross, Sheri Smith, Darren Ross Ed Williams, Nick Condos, Larry Swan, and Jennifer VanDyke. Requested Adds: Julie Clark De Blasio, Kevin Turner.
Firewood	<ul style="list-style-type: none">● Identify potential resources and solutions	Coordinator: Kevin Turner Participants: Leigh Greenwood, Faith Campbell, Curtis Ewing, Sheri Smith, Helena Roberts and Andrea Hefty. Requested Add: Katie Harrell

Short Term Action Items

- **Green Waste Working Group** work with Local Enforcement Agencies (LEAs) in Ventura county to identify smaller entities (mom and pop shops).
- **Green Waste Working Group** develop scope of work for LEAs.

Long Term Action Items

- **California Firewood Taskforce** to get Orange County Parks template for other counties and the state.

Other Action Items:

- **Keith Okasaki** will retrieve a copy of report, hours, footprint and cost of LA County Local Enforcement Agencies (LEAs) where they took quarantine maps and overlaid with Green Waste facilities.
- **Keith Okasaki will reach out to Bob** to identify LEAs Ventura county and affirm that they are interested.
- **Beatriz Nobua-Behrmann** send solarization BMP to Keith. - **DONE**
- **Julie Clark De Blasio** will reach out to Ag Commissioners to identify LEAs in Ventura County.
- **Firewood Working Group** and **Education and Outreach Committee** will provide information to CDFA to modify the Firewood Task Force website to include maps and firewood regulations.
- **Leigh Greenwood** will lead discussion at Western Plant Board in May. Discuss next steps in EAB/federal certification of firewood to help facilitate western states working together.
- **Matt Abbott** will get us a contact for the Emerald Ash Borer project.
- **Bob Horowitz** to provide current outreach poster for green waste.
- **Table to Survey Sub-Committee** Sampling large box tree nurseries in infested areas to confirm that they are not a problem.
- **Tabled to Education and Outreach Sub-Committee:** Information about untreated wood for pallets.
- **Tabled to Education and Outreach Sub-Committee:** Hobby wood.
- **Tabled to Research Sub-Committee:** Examine the pathway repurposing urban wood with kiln ovens.

Meeting Proceedings

Subcommittee Co-Chair Kevin Turner convened the meeting at 9:04. The committee dispensed with the flag salute since the majority of attendees were remote. Mr. Turner reviewed the notes from the previous meeting. We will vote to approve the minutes for both first and 2nd meeting at the next meeting. He noted that it was important that the Outreach Committee tackle Hobby/repurposed wood which was an action item from the previous pathways meeting.

Background

David Pegos, CDFA, gave a brief overview of the committee purpose and goals. AB2470 required the CISAC to develop a plan and allocated to implement a response plan to utilize the \$5 million allocated for suppression of the Invasive Shot Hole Borers. CDFA on behalf of CISAC has scheduled 4 meetings, 2 weeks apart so we can move quickly on the plan and execute the plans with the funds available. Goal is to have consensus by the 4th meeting so that Shannon Lynch can pull the four pieces together. This is the 2nd meeting and the goal by the next meeting we will have a full list of potential options. Simultaneously we will be working on RFPs at a 5th meeting. This committee is tasked with determining how much of the \$5 million will be utilized by the pathways sub-committee and how many RFPs will it be divided by. We have draft RFP language from CDFA and CAL Fire to start with.

Green Waste

Keith Okasaki reported back from the working group that met last Thursday, March 28th. There was plenty of active participation and they identified a couple goals and action items.

Action Item from Green Waste Working Group:

1. Determine how much green waste from high risk areas to analyze what if any additional mitigation efforts need to be done.
 - Develop a scope of work with the LEA to conduct this work and evaluation.
 - **Action Item: Mr. Okasaki** will get a copy of report, hours, footprint and cost of LA County Local Enforcement Agencies (LEAs) when they took quarantine maps & overlaid with Green Waste facilities.
 - Suggestion to use Ventura county as a pilot program.
 - Action Item: **Julie Clark De Blasio** will reach out to Ag Commissioners to identify LEAs in Ventura County.
 - **Action Item: Mr. Okasaki will reach out to Bob Horowitz** to identify LEAs Ventura county and affirm that they are interested.
 - In Ventura we would start at the destination and work back to the origin
 - Ventura County concern will be informal tree & gardening communities is harder to track
 - **Short Term Action Item Green Waste Working Group** work with LEAs in Ventura county to identify smaller entities.
 - On HLB quarantine LEAs were very helpful identifying smaller entities.
2. Currently have quarantined areas for other pests. Need to look at what areas are not currently covered.
 - Utilize UC Riverside's detection map.
 - Partner with the survey committee.
 - Contract with LA and Orange County LEAs.
 - Outside the HLB quarantine area.
3. Contract with receiving counties and confirm how materials are being dealt with from high risk areas.
 1. Solarization (may not work for all smaller entities)
 - a. Temperature and durations are listed on PSHB.org.
 - b. Dr. Nobua-Behrmann contacted Tim Paine to join the research committee.
 - c. **Action Item: Dr. Nobua-Behrmann** send solarization BMP to Keith.
 - i. Currently targeted towards homeowners in both English and Spanish
 - ii. May need to be modified for Green Waste Operators.
 - **Tabled to the Research Subcommittee** to report back to Green Waste Working group on treatments for smaller entities that will make green waste safe.
 - a. Grinding to one-inch minus.
 - i. 95% kill rate is not enough if the material is going to be moved to an uninfested area.
 - b. Safer disposal site.
 - i. Low probability of infestation due to the absence of susceptible host trees or other environmental conditions
 - c. There was some discussion on covering loads.

- Transfer stations
 1. Tiered tipping fees.
 2. Lack of quarantine means we will have to use positive incentives.
- **Tabled to Survey and Detection** the importance of trapping around Green Waste Facilities.

Firewood

Kevin Turner reviewed some slides from Wisconsin on Firewood. The California Firewood Task force has been working on this issue for a few years. Wisconsin has the advantage of having quarantined pests; there is no quarantine for ISHB in California. Even without quarantine, examining Wisconsin's certification, labeling, state and federal land regulations, and quarantine maps may be useful to this sub-committee. After reviewing Wisconsin's website Mr. Turner reviewed the California Firewood Task Force website.

- Suggestion that we call any training we create a BMP Awareness program instead of a certification due to regulatory issues.
- Firewood scout site has mostly big box stores, it is difficult to populate it with smaller dealers.
- Maintain the list.
- Suggestion to incentive Ag commissioners to build lists of local dealers.
- Leigh Greenwood, 462 registered vendors within California's firewood scout database. New Hampshire has 510.
 1. New Hampshire is exceptional in that they have a staff member who has worked very hard on it.
 2. Firewood scout allows Batch Adds.
 3. New Hampshire has EAB so they can make federally certified firewood.
 4. Western States cannot use federal certification because we do not have a federally quarantined pest (other than fire ants in small areas).
 5. **Action Item: Leigh Greenwood** will lead discussion at Western Plant Board in May, discuss next steps in EAB/federal certification of firewood.
- There was discussion of commercial firewood, and
 1. Commercial firewood suppliers can and are heat treating their wood. It does not reliably remove all pests because heat treatment can be to many different levels/durations, and in California there is no set standard nor certification process of heat treatment.
 2. It was suggested that Bundled wood is not a priority as it is not known to be contributing to the issue.
 3. Currently there are strong regulations for bringing wood into the state.
- Campground Regulations
 1. **Action Item:** Firewood Working Group and Education and Outreach Committee will provide information to CDFA to modify the Firewood task force website to include maps and firewood regulations.
 - There is a map on Don't Move Firewood website.
www.dontmovefirewood.org/map/

- There is also a list of regulations on the Don't Move Firewood website for each state, click on the above map to find each state summary.
2. Orange county parks has firewood regulations.
<http://www.ocparks.com/parks/ronald/news/details?NewsID=5127&TargetID=43>
- Can other counties adopt regulations? Part of Rapid Response.
 - **Long Term action Item:** Work with the California Firewood Taskforce to create regulations similar to Orange County Parks for other counties and the state.

Public Comment

- Curtis Ewing: Gave a suggestion that for mapping that we try to break the counties up by ecotype.
- Dr. Beatriz Nobua-Behrmann: Partner with the education and outreach committee to get out information about firewood.
- Dr. John Kabashima: Large box tree nurseries are inspected once a year.
- Julie Clark De Blasio: Wants to make sure pallets and hobby wood are made sure they are moved to hobby wood.
- Leigh Greenwood: Southern California has a large pallet creation and pallet recyclers.
- Neil Edgar noted that Cal recycle does not have any regulations requiring tarping. However many operators require tarps. Most facilities need to move within 2 to 7 days so solarization is difficult.

Adjourn

Kevin Turner adjourned at 11:14. Next meeting will be **Wednesday April 16th 9am to 11am**

Meeting Participants

First Name	Last Name	Affiliation
Kevin	Turner (co-chair)	Cal Fire
Tom	Smith (co-chair)	Cal Fire
Faith	Campbell	Center for Invasive Species Prevention
Corin	Choppin	Consensus and Collaboration Program, CSU Sacramento (notetaker)
Julie	Clark De Blasio	UC ANR
Nick	Condos	CDFA
Kim	Corella	Cal Fire
Ariel	De La Paz	City of Irvine

Curtis	Ewing	Firewood Task Force
Neil	Edgar	California Compost Coalition
Dawn	Fluharty	Arbor Jet
Leigh	Greenwood	The Nature Conservancy
Aimee	Halligan	Orange County Waste and Recycling
Katie	Harrell	Board of Forestry
John	Kabashima	UC ANR Emeritus
Jason	Leathers	CDFA
Jennifer	Nguyen	Cal Recycle
Beatriz	Nobua-Behrmann	UC ANR
Keith	Okasaki	CDFA
David	Pegos	CDFA (Convener and facilitator)
Michael	Scholl	CDFA
Christopher	Shogren	UC Riverside
Sheri	Smith	Forest Service
Jennifer	VanDyke	CDFA
Sophia	Yun	Orange County Public Works