



**ALOHA ARBORIST ASSOCIATION
ANNUAL MEETING MINUTES – 04/26/2017 – APPROVED
Gordon Biersch, Aloha Tower Marketplace**

Members in Attendance: J Zambo, Lance Bookless, Desiree Page, Carol Kwan, Dudley Hulbert, Steven Connolly, Kevin Eckert, Andrew Kendall, Angela Liu
Guests: Sidney Higa, Kaleolehua Renaud, Darcy Oishi, John Page, Diane Eckert, Sono Hiroshi Hulbert

- 1) Call to Order & Approval of the Meeting Minutes of 02/15/17 and 3/15/17 - The meeting was called to order by President J Zambo at 6:55pm. Minutes of the meetings in February and March were approved.
- 2) Guest Speaker – Sidney Higa *re* proposed biofuel facility – J moved Sidney Higa’s topic to the front of the agenda. Sid’s company, Hawaii Renewable Fuels LLC (HRF), is developing a biofuel plant in Hawaii. Currently, 100% of aviation fuel in Hawaii is imported. The facility will pressurize and break down green waste, reconstituting it into aviation fuel. The process is in use in about 100 facilities worldwide, and produces virtually no waste products. HRF’s development timeline is to have a plant operating in three to four years.
 - HRF needs 2,000 tons/day of tree and green waste to operate. Their facility will take chipped material at no charge, and solid wood for a fee. HRF already has a tub grinder. HRF has so far identified about 1,000 tons of green waste daily on Oahu, most of which is currently used for electricity generation but that could potentially be diverted to their biofuel plant.
 - The optimal site identified thus far is in Campbell Industrial Park, where there is a 50-acre parcel that could be used for storage of feedstock and construction of the facility. Other sites have been considered and found to have constraints.

There were questions and discussions about how much green waste is generated, what portion of this waste stream is tied up in with different waste processing entities, the challenges of current green waste disposal methods including illegal versus legal dumping, and how different public agencies may influence this project. Members in attendance provided Sidney the following feedback:

- Tree services are constantly looking for efficient and cost-effective means of disposing of green waste. New options must be easier to get to and more affordable than existing options.
- HRF may need to look into creating transfer stations conveniently located to minimize drive time for tree companies.

Sidney distributed a sample letter that tree companies can use to inform HRF how much green waste they produce that could potentially be fed into HRF’s biofuel system.

- 3) Old Business
 - a) Research Committee (Chair: Dudley Hulbert) – Professor Kaufman’s tree root research needs gap funding of \$15,000 to \$20,000, to be used this year to keep the project going until funding by the Department of Transportation is reinstated. Kevin will work with Prof. Kaufman to organize a proposal for submittal to the Department of Agriculture.
 - b) Hawaii Tree Jamboree 02/25/2017, Kualoa Ranch, Oahu (Chair: Andrew Kendall) – The event was very well received, from the different events to logistics and the refreshments sold. The event’s focus on having fun, e.g. the wheelbarrow races, worked very well. In the future,

Andrew is interested in publicizing the event further in advance and getting the event into the landscape magazines and other media. There is also broad interest in getting attendance from the mainland, and adding more activities. Carol will follow up with David Leonard to get the photos for the event. As a side note, Andrew put out the idea of an AAA Safety Certification course to make safety training more accessible, and he shared a two-page description of how the course might be organized.

- c) Queen Emma's Summer Palace Volunteer Workday & Barbecue (Carol Kwan) – Carol polled the group about holding the event over the Memorial Day weekend; there was a general feeling that the long weekend would not work out. Daughters of Hawaii will look at the calendar again to suggest a few possible Saturday morning dates.
 - d) New OSHA Mandate on Use of Travel Restraint System/ Training for new systems by 5/17 (J Zambo) – J submitted an article on this topic to *Landscape Hawaii*. He reiterated that all companies using aerial lifts must provide training for their employees on the new systems by November 2017.
 - e) Chainsaw Workshops, Beginner Level (J Zambo) – Tabled.
 - f) WCISA / AAA Hawaii Regional Workshop 2017 with John Ball, 6/27 to 6/30/2017 (Angela Liu) – The workshop agenda with minor revisions was passed around for review. Registration fees have increased compared to 2016, and a three-tiered system was being worked out to provide discounts to members of partner organizations who weren't eligible for the WCISA member discount. A request for volunteers will be going out shortly for help with event logistics such as food, set up, cleanup, etc.
 - g) Tree Appraisal Workshop Part 2 by James Komen (Angela Liu) – James Komen acknowledged that revenues from registration fees would be used first to cover commitments to others such as the AAA fee, and that it was acceptable if there was a shortfall and only a portion of his own expenses were covered. AAA will work with him to reserve the venue and carry out other event planning.
 - h) WCISA Annual Conference 2019 (Carol Kwan) – Tabled.
- 4) New Business
- a) Election of officers and board members – Slate for 2017-2018 (J Zambo)
 - President- J Zambo
 - VP- Lance Bookless
 - Treasurer- Desiree Page
 - Secretary- Carol Kwan
 - Director- Dudley Hulbert
 - Director- Steve Nimz
 - Director- Sergio Vasquez
 - Steve Connolly - past president

J presented the slate of officers and board members. There were no nominations from the floor. Carol moved to approve the slate, which was seconded and approved by acclamation.

- b) Rapid 'Ōhi'a Death Outreach - Proposed arborist certificate program (Angela Liu) – Tabled.
- c) Hui Manu-O-Kū (White Tern Hui) Outreach to Arborists / Possible Workshop (Jolie Wanger) – The Hui has a good website with a map showing locations of the trees where nesting activity has been observed, correlated to data for each tree, and photographs of white terns and their nesting activities. Sample printouts of the Hui's webpages were shared. Tree trimming in the

Honolulu area has provided nesting sites for the white tern population, but tree companies also can negatively impact nesting activities. Members also shared that fines for attempting to disturb nesting adults, eggs or hatchlings can be up to \$15,000. J suggested that the Hui take a booth at the LICH conference in the fall, and for the Hui to also give a short talk at the LICH event. There also was another suggestion that they offer a workshop for CEU's in coordination with AAA.

- d) Monthly Meeting location (Angela Liu) – Old Spaghetti Factory is planning to charge AAA \$50/hr for time beyond the first two hours. We will find out about moving the meeting to Lyon Arboretum, beginning with the meeting next month.
- e) Certified tree worker exams – volunteer evaluators (Carol Kwan) – The ISA tree worker exams must have evaluators who have no professional affiliations with the test takers. Evaluators can earn CEUs when they volunteer. Several of the members in attendance offered to take the necessary training and apply to become volunteer evaluators.

5) Announcements

- a) WCISA Annual Conference “Paradise Found: Plans, Partners & Progress”, May 8-11, San Diego, CA
- b) ISA Annual Conference – 07/28 to 08/02, 2017 in Washington, DC
- c) Curtis Hopper, a member from Texas, is going to be in Hawaii mid-July and is looking forward to meeting AAA members.
- d) ***Please join us on:***

May 17th, 2017, 6:30pm – Monthly Meeting – Location TBD

Guest Speaker: Pablo Akira Beimler, Hawaii Wildfire Management Organization

- 6) Adjournment – The meeting adjourned at 8:18pm.

Respectfully submitted,
Angela Liu

Attachments:

- 1- Sidney Higa, “Sample Letter of Intent regarding Feedstock”
- 2- Andrew Kendall, “Aloha Arborist Association Safety Certification Course,” 4/26/2017
- 3- Hui Manu-O-Ku, “Detail View of Range Map”
- 4- Hui Manu-O-Ku, “Welcome to our manu-o-Kū Database!”

FEEDSTOCK LETTER OF INTENT EXAMPLE

Your Logo on Letterhead

Date

Hawaii Renewable Fuels LLC
1110 University Avenue, Suite 304
Honolulu, HI 96826

ATTN: Mr. Sidney Higa

RE: Letter of Interest to Provide Green Waste to HRF

Mr. Higa,

Name of company expresses our interest to enter into a long-term agreement (15-20 years) to provide HRF with the following DAILY/WEEKLY/MONTHLY/ANNUAL Volume of Green Waste:

Oahu – minimum of _____ Tons per (Circle one) Day Week Month Year

Maui – minimum of _____ Tons per (Circle one) Day Week Month Year

Big Island– minimum of _____ Tons per (Circle one) Day Week Month Year

Kauai – minimum of _____ Tons per (Circle one) Day Week Month Year

Proof of Name of company's ability to provide the agreed upon tonnage will be provided once a Non Disclosure Agreement has been executed by both parties.

Sincerely,

Name
Title
Company
Company address
Phone
Email
Web site

PLEASE RETURN TO: SIDNEY HIGA, (808) 674-7166,
SIDNEY@HAWAIIRENEWABLEFUELS.COM

ALOHA ARBORIST ASSOCIATION SAFETY CERTIFICATION COURSE

To develop a safety training certification developed and hosted by the AAA to set a Safety Standard in Hawaii by composing and publishing a book written by leaders in the industry and establishing Certified Safety Instructors to help establish Compliant Safety Standards in Hawaii.

A. AAA Safety Certification Discount

- 1) Contact State and HEMIC to discuss a Industry wide Safety Certification
 - a) Separation of ground man vs. climber insurance rates
 - b) Discount rates to a Industry wide Safety Certification Standard Compliant Companies
 - c) Tree work related accidents in Hawaii and expose reports to the industry
 - i - When accidents happen, reports given to the State and Ins Co's shall be published and given to all CSI to in turn incorporate into Safety and Awareness Meetings
 - ii - Important these Insurance Co's know that we are doing something to better our awareness and safety
 - iii - Ex. When fatal accident happens with a Coconut failure, conduct State wide mandatory classes on how to detect unsafe Coconuts and expose reports written by experts
 - d) What is the Mainland Standard?
 - e) What kind of discount are the Insurance Companies willing to give
 - f) Try to obtain options besides HEMIC

A. Compose Book

- 1) Recruit leaders in the industry to donate time in the aid of composing segments in the book.
 - a) Record testimonies
 - b) Add Illustrations
 - c) Find someone to put testimonies together and write book.
- 2) Chapters
 - a) Proper call signs
 - b) Proper PEE
 - c) Tow Hitch safety
 - d) Ground man injury prevention
 - i - Proper lifting
 - ii - Chipper safety
 - iii - Clear drop zone
 - e) Rigging techniques
 - f) Climbing techniques
 - g) Road work safety
 - h) Chainsaw safety and repair
 - i) Proper tree felling techniques

B. Certified Safety Instructors

- 1) Each company must have at least one CSI to be compliant
 - a) Must take course and purchase book to become Certified
- 2) Conducts weekly Safety and Awareness Meetings
 - a) Each employee must sign sheet at the end of every chapter and send into Ins Co. monthly to continue discount
- 3) Making stickers, Emblems and Patches for Certification recognition

- 4) Special logos may be advertised by Compliant Tree Companies on Letterhead, Proposals and Websites
- 5) A list of Compliant Companies shall be illustrated by AAA and/or the State and updated constantly

C. Sell Book

- 1) Anywhere from \$100-\$250
- 2) Book must be repurchased every year
 - a) Employee Signature Sheets must be handed in at the end of every month by each employer to received "AAA Safety Certification Discount"
 - b) Notification of yearly purchase and Membership Certification shall be given by the AAA much the same as a annual AAA or ISA membership

D. Charge for Certification

- 1) All Tree Companies in Hawaii must pay a yearly fee of 1% of their current yearly Work Comp payment
 - a) Companies paying an average of \$5,000 per employee annually for Work Comp
 - b) Possible savings of 25% of yearly Work Comp expenses
 - i - a savings of 24% a year
- 2) At least 50 to 100 Tree Companies in the State Hawaii
 - a) 1000 employees * \$5,000 annually * .01 % = potential \$50,000 yearly earnings for AAA

E. AAA Meeting Attendance

- 1) Certified Safety Instructors must attend at least 6 meetings a year to stay Current with Certification

F. Industry Wide Safety Standard

- 1) Only Companies with CSI staff shall be able to bid on C&C, State, Federal and Military jobs
- 2) Companies with CSI are more liable to get other commercial and residential jobs

Conclusion

This process will assist in several areas

- A. Less tree work related fatalities and injuries
- B. A safer work place
- C. A Safety Industry Standard in Hawaii
- D. More Safety and educational classes
- E. Increase in AAA Meeting attendance
- F. AAA financial holdings, ability of sponsorship for Climbers and lobbying leverage for other desired tree industry issues
- G. To motivate Tree Companies to become safer and more aware of potential hazards
- H. Help to give recognition to compliant companies and to weed out low bidding unsafe companies
- I. Reduce the number of lawsuits against Tree Companies
- J. Make the Tree Industry in Hawaii safer for the employees and the owners
- K. Will begin the process of assisting the Hawaii Tree Industry to come together in order to have the lobbying capability of new desired Standards

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Complete manu-o-Ku Nest Range Map

576

Nest Recs: 2 Eggs: 1 Chicks: 2 Nest IDs: AM11

1/2

(mailto:huimanuoku@gmail.com)

HUI MANU-O-KŪ (/)

Welcome to our manu-o-Kū Database!

Feel free to browse the database. The data is downloadable as a CSV file for further analysis.

<input type="checkbox"/>	Nest ID	GPS Point	Nesting Status	Date nest last surve...	Last seen	Dat
<input type="checkbox"/>	PS080003	384	Limb with nesting site ...	4/13/2017 3:47pm	4/13/2017 3:48pm	
2	PS290101	1281	Egg	4/13/2017 3:24pm	4/13/2017 3:24pm	3/21/2
3	PS160101	329	Chick - large	4/13/2017 2:52pm	4/13/2017 2:53pm	
4	PS180101	331	Chick - medium	4/16/2017 2:57pm	4/13/2017 12:14pm	
5	PS110101	324	Egg	4/13/2017 9:07am	4/13/2017 9:07am	3/20/2
6	KB140101	1255	Chick - small	4/12/2017 6:58pm	4/12/2017 6:58pm	3/10/2
7	HAFB030101	1253	Chick - small	4/12/2017 10:38am	4/12/2017 10:38am	3/21/2
8	KB110301	1059	Chick - medium	4/12/2017 9:14am	4/12/2017 9:14am	2/21/2
9	MS060204	90	Chick - small	4/11/2017 9:33am	4/11/2017 9:33am	3/6/20
10	SA040802	344	Chick - small	4/10/2017 5:19pm	4/10/2017 5:19pm	3/10/2
11	MD080101	1263	Egg	4/10/2017 4:06pm	4/10/2017 4:06pm	3/15/2
12	DK080101	1291	Egg	4/10/2017 1:46am	4/10/2017 1:46pm	3/23/2
13	WK450201	562	Chick - small	4/10/2017 1:33pm	4/10/2017 1:33pm	3/13/2
1717 cells selected						