



STATE OF HAWAII  
DEPARTMENT OF EDUCATION

P.O. BOX 2360  
HONOLULU, HAWAII 96804

OFFICE OF THE SUPERINTENDENT

March 28, 2019

Via email: [kykanesh@hawaii.edu](mailto:kykanesh@hawaii.edu) and [info@emhawaii.com](mailto:info@emhawaii.com)

Kenneth Y. Kaneshiro, Ph.D.  
Director, Center for Conservation Research & Training  
University of Hawaii at Manoa  
3050 Maile Way, Gilmore 406  
Honolulu, HI 96822

Dear Dr. Kaneshiro:

I am pleased to convey my support for the Ala Wai Watershed, "*Genki Ala Wai Project: Testing Effective Microorganisms (EM) Technology® as a Solution for Flood Mitigation, Water Quality Improvement and Eco-System Restoration.*" This project seeks to revitalize the waters and environment of the Ala Wai Canal in seven (7) years using EM Technology®.

Hawaii public school teachers and students are familiar with EM® through service learning workshops and previous projects focused on using EM technology® that results in the enhancement of solid food waste to compost into soil.

In this project, the University of Hawaii at Manoa, The Hawaii Exemplary State Foundation, and EM HAWAII, LLC, are focused on a system approach that empowers communities and stakeholders in the *ahupua'a* to collaborate in solving environmental issues. Assistance and support will be provided to K-12 schools in the *ahupua'a* that impacts the Ala Wai Canal to develop place-based STEM collaborations with Hawaiian cultural experts, researchers, engineers, and technologists.

Students will engage in a "real" environmental restoration and service learning project as they apply their learning in science in an in-depth investigation of using EM technology® in the revitalization of the Ala Wai Canal.

My best wishes in this endeavor and we look forward to the launch of this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Christina M. Kishimoto".

Dr. Christina M. Kishimoto  
Superintendent

CMK:stg

Ala Wai Watershed Association  
2146 St. Louis Drive  
Honolulu, HI 96816

March 31, 2019

Kenneth Y. Kaneshiro, Ph.D, Director  
Center for Conservation Research and Training  
University of Hawaii of Manoa  
3050 Maile Way, Gilmore 406  
Honolulu, Hawaii 96822

Dear Dr. Kaneshiro,

As implementors of upstream and forested conservation efforts, we are constantly confronted with the threat of leptospirosis, generated by periodic overruns of feral pigs, chickens, and ducks. Stream life is not robust, as the area that we work in has been deemed one of the worst in the state in recent stream bioassessment surveys.

Since we are constantly in contact with stream water, it would be extremely beneficial if EM technology could be employed in the future to help bring back thriving fish, hihiwai (shellfish), crayfish, insects, and macroinvertebrate populations.

We support a limited demonstration of EM Technology as a means of restoring cleaner waters to the Ala Wai Canal, its tributaries, and its outflows.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Karen Ah Mai'.

Karen Ah Mai, Executive Director



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OKINAWA ASSOCIATION**

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March 29, 2019

Kenneth Y. Kaneshiro, Ph.D., Director  
Center for Conservation, Research & Training  
University of Hawaii at Manoa  
3050 Maile Way, Gilmore 406  
Honolulu, HI 96822

Dear Dr. Kaneshiro,

The Board of Directors of the Hawaii United Okinawa Association (HUOA) voted last night to support the Genki Ala Wai project which will help to revitalize the waters and the environment of the Ala Wai Canal in seven years using EM (Effective Microorganisms) technology. Per the discussion and information shared by Hiromichi and Chikago Nago, the EM technology has its roots in Okinawa and has been successful in various projects both in Hawaii and other countries in the world. This project will help our community at large and will also be an educational endeavor as it will incorporate students in STEM collaboration (K-12), which will include those from our membership's families, to help address this environmental issue.

Please keep us informed of the progress of the project. Thank you very much.

Sincerely,

Jocelyn Ige  
President

Gwen Fujie  
Executive Director

"REFLECTION: LOOKING TO THE PAST TO CREATE THE FUTURE"





**WUB Hawaii**  
**Okinawan Chamber of Commerce**  
**PO Box 31048**  
**Honolulu, HI 96820**

March 26, 2019

Kenneth Y. Kaneshiro, Ph.D, Director  
Center for Conservation Research and Training  
University of Hawaii at Manoa  
3050 Maile Way, Gilmore Hall 406  
Honolulu, HI 96822

Dear Dr. Kaneshiro,

Our WUB Hawaii aka (the Okinawan Chamber of Commerce) members have been familiar with the wonders of EM Technology® for over the past decade. The Genki Ala Wai Project which incorporates EM Technology® is exciting news.

The Ala Wai Canal has been the plight of pollution in the Waikiki ahupua'a for many years. Imagine if it could be turned around and become a jewel much like the River Walk is to San Antonio. I am hopeful that one day, our Ala Wai Canal can complement Waikiki Beach and Diamond Head (Le'ahi) as iconic symbols of our island. A clean Ala Wai Canal could attract increased human interaction and recreational activities for our community and visitors much like it did back in the fifties when Thomas Higa, an Okinawan businessman, managed the Ala Wai Boat Rentals company.

EM Technology® for environment friendly and minimal invasive applications coupled with the Project's plan to incorporate environmental education to future generations is something WUB Hawaii can proudly support.

We wish you success in achieving adoption of the Genki Ala Wai Project for our community.

Aloha,

Gregg Takara  
President, WUB Hawaii

March 29, 2019

Dr. Kenneth Y. Kaneshiro, Director  
Center for Conservation Research and Training  
University of Hawaii at Manoa  
3050 Maile Way, Gilmore Hall 406  
Honolulu, HI 96822

Aloha Dr. Kaneshiro:

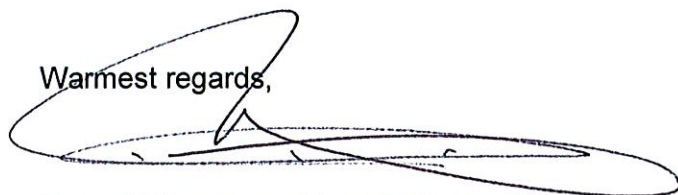
Our firm Cushman & Wakefield ChaneyBrooks is Hawaii's largest and oldest locally owned commercial real estate firm managing nearly 5 million square feet of real estate between Hawaii and Guam. Over the last 60 years, we have diligently stewarded Hawaii's limited land resources for our clients and customers over a time-tested premise that "whoever can be trusted with little, can be trusted with much."

The Ala Wai Canal remains one of our biggest concerns as it borders and frames our State's most valuable real estate, Waikiki and the engine that drives our visitor industry. Unless the waterways around Waikiki are better maintained, the next major storm will be catastrophic to the human and economic well being of Hawaii. A potential ecological crisis is looming in the horizon unless we take measures now to protect our most important asset.

I am writing in full support of Mr. Hiromichi Nago and his firm, EM Hawaii in their efforts to produce a sustainable solution to the Ala Wai Canal through their EM Technology and Genki Ala Wai Project.


I sincerely look forward to the implementation of the Genki Ala Wai Project.

Warmest regards,



Steve K. Sombrero, President

The Marco Polo  
2333 Kapiolani Blvd. C3 Honolulu, Hawaii 96826  
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Clarence Lee Design & Associates, LLC  [www.clarencelee.com](http://www.clarencelee.com)



3/28/2019

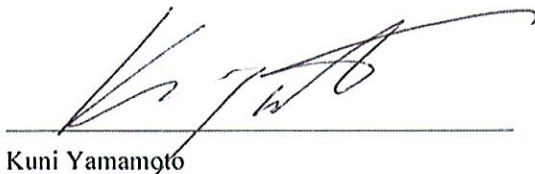
Kenneth Y. Kaneshiro, Ph.D, Director  
Center for Conservation Reserch & noa  
3050 Malie Way, Gilmore 406  
Honolulu, HI 96822

Dear Mr. Kaneshiro,

Clarence Lee Design & Associates, LLC is Hawaii's leading branding firm that has over 50 years experiences. I'm the president of Clarence Lee Design. I fully endorse the project entitled, "Ala Wai Watershed, Genki Ala Wai Project : Testing Effective Microorganisms Technology as a Solution for Flood Mitigation, Water Quality Improvement and Eco-System Restoration". Please use this correspondence as evidence of our support for the project.

If there are any questions please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Kuni Yamamoto", written over a horizontal line.

Kuni Yamamoto  
Clarence Lee Design and Associates, LLC  
President



March 28, 2019

Kenneth Y. Kaneshiro, Ph.D, Director  
Center for Conservation Research and noa  
3050 Maile Way, Gilmore 406  
Honolulu, HI 96822

Dear Dr. Kenneth Y. Kenshiro

We would like to thank you for sharing details of your Genki Ala Wai Project with us. As you know, we recognize the importance of our environment in Hawaii. We team up with EM Hawaii to help disseminate information regarding the importance of conservation of the environment.

Please use this letter as evidence of our support and commitment for the Genki Ala Wai Project. We very much look forward to leading the activities of the Genki Ala Wai Project and help advance the environmental conservation work in Hawaii through the improvement of the Ala Wai by involving tourists from Japan and gaining their support.

If there are any questions, please do not hesitate to contact us.

A handwritten signature in dark ink, appearing to read "Takashi Nakayama".

Takashi Nakayama  
Presidence, Kujira Club

DAVID Y. IGE  
Governor

JOSH GREEN  
Lt. Governor



State of Hawaii  
DEPARTMENT OF AGRICULTURE  
1428 South King Street  
Honolulu, Hawaii 96814-2512  
Phone: (808) 973-9600 FAX: (808) 973-9613

PHYLLIS SHIMABUKURO-GEISER  
Chairperson, Board of Agriculture

June 28, 2019

Kenneth Y. Kaneshiro, Ph.D.  
Director, Center for Conservation Research & Training  
University of Hawaii at Manoa  
3050 Maile Way, Gilmore 406  
Honolulu, HI 96822

Dear Dr. Kaneshiro:

I would like to express my support for the "Genki Ala Wai Project" which seeks to revitalize the waters and the environment of the Ala Wai canal in seven years using Effective Microorganisms (EM) Technology.

EM Technology is used in many countries in agriculture, aquaculture, animal husbandry and waste-water treatment. Beneficial microorganisms are important tools in supporting Hawaii's agricultural industry and the environment. This project will seek to remediate the Ala Wai with an innovative technology that will suppress harmful microbes, decompose harmful chemicals, prevent oxidation and eliminate foul odors.

The Department supports this project's use of EM technology to benefit such an iconic Hawaii waterway.

Should you have any questions, please call my office at 973-9550.

Mahalo,

A handwritten signature in black ink, reading "Phyllis Shimabukuro-Geiser".

Phyllis Shimabukuro-Geiser, Chairperson  
Board of Agriculture

