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Attorneys for Applicant,  
KAAWANUI SOLAR, LLC,  
a Delaware limited liability company

BEFORE THE PLANNING COMMISSION

OF THE

COUNTY OF KAUA'I

In The Matter Of The Application	)	USE PERMIT NO. U-2026-9
	)	CLASS IV ZONING PERMIT
Of	)	NO. Z-IV-2026-12
	)	SPECIAL PERMIT NO. SP-2026-4
KAAWANUI SOLAR, LLC, a Delaware	)	
limited liability company, for a Use Permit,	)	
a Class IV Zoning Permit, and a Special	)	<b>APPLICANT'S WITNESS LIST;</b>
Permit for real property situated at Makaweli,	)	<b>EXHIBITS "E-1" TO "E-9"</b>
Waimea, Kaua'i, Hawai'i, identified by	)	
Kaua'i Tax Map Key Nos. (4) 1-7-006:006	)	
(por.) and 010 (por.).	)	<b>(KAAWANUI PROJECT)</b>
_____	)	

## APPLICANT'S WITNESS LIST

COMES NOW, KAAWANUI SOLAR, LLC, a Delaware limited liability company, the Applicant in the above-captioned proceedings, by and through its undersigned attorney, and hereby submits the following Witness List:

A. NON-EXPERT WITNESSES.

The Applicant will call the following non-expert witnesses at the hearing on this matter:

1. Howard Greene  
Vice President, Gay & Robinson, Inc.  
P. O. Box 156  
Kaumakani, Kauai, Hawaii 96747

Mr. Greene will provide testimony concerning the history of G&R, Inc., the current diversification of economic projects on the G&R, Inc. lands, how the project fits into G&R, Inc.'s future plans, and a description of the project site. Mr. Greene's Curriculum Vitae ("CV") is attached as Exhibit "E-1".

B. EXPERT WITNESSES.

The Applicant will have available, and may call, any of the following experts to testify:

1. Megan Kane  
Senior Development Manager  
AES Hawaii  
1003 Bishop Street, Suite 2288  
Honolulu, Hawaii 96813

Ms. Kane is a Senior Development Manager at AES Hawai'i. Ms. Kane will provide testimony concerning the Kaawanui Project, including a project overview, project

benefits, a description of the project, project studies, project timelines, and community outreach.

Ms. Kane's CV is attached as Exhibit "E-2".

2. Cameron J. Kruse, PE  
Engineering and Technology Manager  
Kauai Island Utility Cooperative  
4463 Pahee Street, Suite 1  
Lihue, Kauai, Hawaii 96766

Mr. Kruse will provide testimony concerning the role of the project in providing power to the KIUC grid system, KIUC's goals regarding the sustainable (solar) production of electrical power, and the reason for the project's location as proposed. Mr. Kruse's CV is attached as Exhibit "E-3".

3. Barbara Natale, AICP  
Senior Associate  
Senior Planner/Project Manager  
G70 International, Inc.  
111 S. King Street, Suite 170  
Honolulu, Hawai'i 96813

Ms. Natale is a Senior Planner at G70 International, Inc., a member of the American Institute of Certified Planners and has a Bachelor of Science in Biology and a Masters degree in Urban and Regional Planning, both from the University of Hawai'i at Mānoa. Ms. Natale has 22 years of experience in Master Planning. Ms. Natale will be available to testify concerning all of the matters presented in the G70 Report. Ms. Natale's CV is attached as Exhibit "E-4".

4. Scott Enright  
Scott E. Enright Company LLC  
64-735 Mamalahoa Hwy  
Kamuela, Hawaii 96743

Mr. Enright served as Director for the Hawaii Department of Agriculture ("HDOA") and Chairman for the Hawaii Board of Agriculture from January 1, 2014, to

January 1, 2019. Prior to that, Mr. Enright was the Deputy Director of HDOA. Mr. Enright earned a Bachelor's degree in Psychology and Philosophy, with honors, from the University of Hawai'i at Hilo (2005). Mr. Enright will be available to testify on the Compatible Agriculture Plan for the project and other matters relating to agricultural activities on the project site. Mr. Enright's CV is attached as Exhibit "E-5".

5. Eric Guinther  
AECOS, Inc.  
45-939 Kamehameha Highway, Suite 104  
Kāne'ohe, Hawai'i 96744

Mr. Guinther is the CEO of AECOS, Inc. Mr. Guinther received a degree in Biology from the University of the Pacific in 1965. Mr. Guinther is an ecologist/botanist and aquatic biologist with over 50 years of experience conducting environmental studies throughout the central Pacific Basin. His responsibilities at AECOS include corporate and project management, as well as the production of environmental survey reports, water quality assessments, and plant and animal identifications. Mr. Guinther does the final review of all AECOS reports prior to sending to clients. His educational background encompasses geology and botany in addition to his major area of study in invertebrate zoology. In recent years, Mr. Guinther has been involved mostly with conducting plant surveys to document potentially sensitive species (native or protected species) as well as invasive and potentially invasive species, conducting surveys assessing the distribution of aquatic biota, and interpreting water quality data to assess the impact of projects on the natural environment. Mr. Guinther will be available to testify on the Natural Resources Assessment for the project site. Mr. Guinther's CV is attached as Exhibit "E-6".

6. David Shideler, M.A.  
Cultural Surveys Hawai'i, Inc.  
P. O. Box 1144  
Kailua, Hawai'i 96734

Mr. Shideler's education background includes being a Ph.D. Candidate – ABD (all but dissertation) status, History of Hawaiian Islands, University of Hawai'i at Mānoa (1997) and obtaining a M.A. – Asian Religions, University of Hawai'i at Mānoa (1987), a M.P.H. – Environmental Health Management, University of Hawai'i at Mānoa (1984), a B.A. – Anthropology and Religion, University of Hawai'i at Mānoa (1977), and a B.S. – Zoology with Minor and Certificate in Environmental Studies, University of Florida (1976). Mr. Shideler is an original member of CSH's management with a 35-year career in Hawaiian and Pacific archaeology. His experience spans all types of archaeological work from small, short term projects such as preparation of monitoring plans to large scale data recovery efforts. Mr. Shideler is one of CSH's lead researchers and report authors. He has extensive experience conducting historic research and has often uncovered unique primary sources and information. He is familiar with a wide range of Hawaiian texts, making him an invaluable resource to CSH and our clients.

Career highlights include:

- Completed over 1,000 archaeological projects in Hawai'i and has managed many large scale, multi-task projects, including numerous federal projects at many Hawai'i military installations,
- Diverse background and familiarity with all levels of historic preservation regulations and recognized by the Land Use Commission as an expert in archaeology and cultural impact assessments, and

- Extensive experience providing public presentations and consulting with project stakeholders including Native Hawaiian Organizations and individuals.

Mr. Shideler also has vast experience in academics and in the resolution of cultural issues and concerns. Born in Japan, he has been a lifelong student of Asian cultures. He has taught at Taisho University in Tokyo and worked at Mahidol University in Thailand. Locally, Mr. Shideler periodically lectures at the University of Hawai'i at Mānoa on the history of Hawai'i and on Polynesian and Hawaiian religion. Mr. Shideler will be available to testify on the Archaeological Literature Review Inventory Survey Report, the Reconnaissance Level Survey, and the Cultural Impact Assessment and Ka Pa'akai Analysis for the project. Mr. Shideler's CV is attached as Exhibit "E-7".

7. Aaron Murphy, PE  
3J Consulting  
9600 SW Nimbus Avenue, Suite 100  
Beaverton, Oregon 97008

Mr. Murphy is the Principal Engineer at 3J Consulting with more than 25 years of experience delivering projects around the globe. His thorough approach to engineering and project management, streamlines processes and maintains communications to ensure high-quality projects. Mr. Murphy spent the first 10 years of his career working in Australia, South-East Asia & the Middle East on various mining, power generation, transportation, river morphology, land development, and natural disaster remediation projects. In 2010, Mr. Murphy moved to the USA to broaden his experience in civil engineering. Since then, Mr. Murphy has worked on a variety of projects, including renewable energy, mining, power generation, oil & gas, land development, civic, and transportation.

Mr. Murphy is a registered engineer in Hawaii, and has worked on projects located on Kauai, Maui, O'ahu, and the Big Island. Mr. Murphy received a B.EngT from the University of Southern Queensland and is a Professional Civil Engineer registered in Hawai'i. Mr. Murphy will be available to testify on hydrological issues, water quality, best management practices, and other civil engineering related to the project. Mr. Murphy's CV is attached as Exhibit "E-8".

8. Priya Kumar  
Environmental Compliance Manager  
AES Hawai'i  
1003 Bishop Street, Suite 2288  
Honolulu, Hawaii 96813

Ms. Kumar is the Environmental compliance manager supporting projects throughout Hawai'i, with experience in environmental permitting, regulatory compliance, site assessments, and waste management. Ms. Kumar partners effectively with multidisciplinary teams and regulatory agencies to achieve project objectives while maintaining high standards of environmental stewardship. Ms. Kumar is proficient in implementing best management practices, preparing comprehensive regulatory reports, and leading continuous improvement initiatives aimed at advancing sustainable development. Ms. Kumar manages all environmental regulatory compliance requirements for the development, construction, and operation of solar plus storage and wind projects in Hawai'i. Ms. Kumar received a MS in Environmental Engineering from Texas A&M University, Kingsville (2006), and a BE in Electrical Engineering from Bangalore University, India (2001). Ms. Kumar's CV is attached as Exhibit "E-9".

9. The Applicant reserves the right to name further expert witnesses as may be required.

DATED: Lihu'e, Kaua'i, Hawai'i, MAR - 2 2026.



MAX W. J. GRAHAM, JR.  
MICHAEL J. BELLES  
IAN K. JUNG  
BENJAMIN M. MATSUBARA  
CURTIS T. TABATA  
Attorneys for Applicant,  
KAAWANUI SOLAR, LLC,  
a Delaware limited liability company

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In The Matter Of The Application Of KAAWANUI SOLAR, LLC, a Delaware limited liability company, for a Use Permit, a Class IV Zoning Permit, and a Special Permit for real property situated at Makaweli, Waimea, Kaua'i, Hawai'i, identified by Kaua'i Tax Map Key Nos. (4) 1-7-006:006 (por.) and 010 (por.); ***APPLICANT'S WITNESS LIST; EXHIBITS "E-1" TO "E-9" (KAAWANUI PROJECT)***

**EXHIBIT "E-1"**

## **Howard Greene**

[hgreene@gayandrobison.com](mailto:hgreene@gayandrobison.com)

(808) 335-3133

Howard Greene is the Senior Vice President of Gay & Robinson, Inc. (G&R). Howard joined G&R in August 2000 when its primary business was sugar production. Since then, he has helped transition and diversify the company's portfolio in renewable energy, diversified agriculture, ranching, tourism, workforce housing, and commercial mixed-use development.

Established in 1889, G&R takes pride in the responsible stewardship of 52,000 acres on West Kaua'i. The mission of G&R is to pursue the revitalization and expansion of land uses that contribute to the overall economic well-being of Kaua'i. G&R currently provides over 370 affordable homes to its employees, retirees, agricultural workers, and the westside community.

**EXHIBIT "E-2"**

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## Megan H. Kāne

1003 Bishop Street #2288, Honolulu, HI 96813 (808) 650-9037 megan.kane@aes.com

Experienced operations, business development and project management professional with 6 years of renewable energy industry experience; dedicated to preserving Hawai'i for the next generation.

### Core Competencies

Relationship Building • Communication • Risk Assessment • Responsible Development • Cross-Functional Coordination

### Professional Experience

**AES HAWAII'**, Honolulu, HI

September 2020 – Present

*Senior Development Manager*

- Leading the development of (2) utility-scale solar plus storage projects on Kaua'i and Hawai'i Island – 40 MW Kaawanui Solar and 86 MW Ke'āmuku Solar
- Manage (1) full-time direct report

*Development Manager*

- Led the development of (2) utility-scale solar plus storage projects on O'ahu – 7 MW Mountain View Solar and 30 MW Waiawa Phase 2 Solar
  - Commissioned over (25) site and project diligence studies
  - Collaborated with the project team on all phases of project engineering
  - Negotiated long-term site control with landowners
  - Managed project permitting – County Use Permit, State Land Use Commission hearing
  - Collaborated with the community to ensure responsible project development
  - Ensured compliance with the utility power purchase agreements
  - Oversaw project budgets of over \$300 million collectively
- Crafted bids for (11) proposed projects for the Hawaiian Electric Stage 3 Request for Proposal
  - Forecasted project schedules
  - Drafted initial project budgets
  - Awarded (3) projects from RFP totaling 146 MW of new solar plus storage generation

**HAWAII PACIFIC UNIVERSITY**, Honolulu, HI

July 2018 – August 2020

*Director, Alumni Relations & Special Events*

- Managed Office of Events with (2) full-time direct reports and (4) part-time student employees
- Coordinated (27) events for the university including fundraisers, commencements and educational panels
- Developed and executed alumni engagement strategy that included planning (16) regional gatherings, building alumni website and newsletter, and stewarding alumni volunteer board, *Alumni Council*.

**UCLA ATHLETICS**, Los Angeles, CA

2012 – 2018

*Associate Director, Operations*

- Co-managed (30) football games at the Rose Bowl Stadium with crowds as large as (70,000); responsibilities included overseeing parking operation, ordering/set-up/breakdown of third-party rentals, private security management, home/visiting team operations, fan tailgating, planning/permitting of stadium concourse, game production/marketing in-game activities & the integration of various City of Pasadena agencies (Police, Fire, Parks, etc.) into game day management
- Assisted in managing the football home game budget of \$3.5MM annually; provided CFO budget projection/year-end report
- Managed (34) football team away game trips to (23) different US cities with travel parties as large as (350) people; responsibilities included contracting/executing/settling airline charters, ground transportation & hotel accommodations
- Coordinated approx (155) men's basketball, baseball, men's volleyball & women's water polo team away game trips to (40) different US cities with travel parties as large as (75) people
- Maintained football and men's basketball annual travel budgets of \$2.75MM and \$500,000 respectively; provided CFO budget projections/year-end reports
- Steered hiring and skill development of (15) student employees and full-time interns

### Education

**NORTHEASTERN UNIVERSITY** Boston, MA *Master of Business*

2010 – 2012

**TCU**, Fort Worth, TX *Bachelor of Business*

2003 – 2007

**HOLANI SCHOOL**, Honolulu, HI

1990 – 2003



**EXHIBIT "E-3"**

### **1. Contact Information**

Cameron Kruse  
Engineering Management  
Kauai Island Utility Cooperative  
4453 Pahee Street, Suite 1, Lihue, HI 96766  
(808) 246-4300  
ckruse@kiuc.coop

### **2. Education**

University of Arizona: BS, Electrical Engineering

### **3. Training**

National Rural Electric Association, Management Internship Program  
State of Hawaii, Registered Professional Engineer  
Leadership Kauai graduate

### **4. Professional Experience**

- Kauai Island Utility Cooperative, Engineering and Technology Manager (August 2020 – present): Responsible for effectively managing the Engineering Department, Information Technology team, renewable energy program, cybersecurity, and company consultants
- Kauai Island Utility Cooperative, Engineering Manager (January 2020 – August 2020): Responsible for short/long range planning, system modeling, and project management to ensure grid assets are capable of providing reliable, economic, safe, and environmentally responsible electrical energy.
- Kauai Island Utility Cooperative, Substations Operations Supervisor (December 2010 – January 2020): Accountable for the installation, maintenance, and operation of substation power apparatus, system protection and radio system; Performed short circuit studies and develop protective relay settings; Developed programs and work plans, and lead personnel in upgrading, maintaining, and operating substation equipment; Wrote and directed switching orders; Supervised Bargaining Unit System Electricians and Non-Bargaining Unit Staff and SCADA Engineers; Switching Committee, *Chair*; Apprenticeship Committee, *Member*; T&D Safety Committee, *Member*

**EXHIBIT "E-4"**

# BARBARA NATALE

AICP  
Senior Associate  
Senior Planner/Project Manager

As a Senior Planner/Project Manager, Barbara brings 22 years of experience in Master Planning, Environmental Impact documentation, land use permitting, and community involvement for private developments, county, state, and non-profit sector clients. Her work spans from healthcare, recreational, and educational facilities, to renewable energy, watershed management, and community master plans. Her passion lies in ahupua'a/watershed management, integrating traditional Hawaiian land management methods with scientific evaluations, encompassing the natural, social, and economical aspects of both. Barbara's experience gives her a well-grounded foundation and comprehension of community and environmental concerns, which enables her to develop effective plans with implementable management measures.

## SELECTED PROJECTS:

4439 Kāhala Avenue EA and SMA  
Modification  
Honolulu, O'ahu

Board of Water Supply - North Shore  
Watershed Management Plan  
Hale'iwa, O'ahu

Board of Water Supply - Waihe'e Lo'i  
Restoration and Riparian Learning  
Center - EA  
Kahalu'u, O'ahu

City and County of Honolulu NPDES -  
Stormwater Public Education &  
Inspections  
Honolulu, O'ahu

County of Maui, Department of Fire &  
Public Safety (DFPS) - Pūko'o Fire Station  
Relocation EA  
Kaunakakai, Moloka'i

Department of Environmental Services,  
Refuse Division - Kawaihoa Transfer  
Station EA and SMA  
Kawaihoa, O'ahu

Department of Hawaiian Home Lands -  
Anahola Settlement Plan, EA  
Anahola, Kaua'i

Department of Hawaiian Home Lands -  
Ho'olehua Veterans & Resident's  
Community Center, EA  
Ho'olehua, Moloka'i

Department of Hawaiian Home Lands -  
King's Landing Kuleana Homestead  
Settlement Plan, EA  
Hilo, Hawai'i

Department of Hawaiian Home Lands-  
Moloka'i Coastal Community Resilience  
Plan  
Island of Moloka'i

Department of Hawaiian Home Lands -  
Pu'u 'Ōpae Settlement Plan, EA  
Waimea, Kaua'i

Department of Hawaiian Home Lands  
- 'Ualapu'e Kuleana Homestead  
Settlement Plan  
'Ualapu'e, Moloka'i

Department of Hawaiian Home Lands -  
Waimānalo Regional Plan Update  
Waimānalo, O'ahu

Department of Transportation, Harbors  
Division - Hāna Harbor Development  
Plan  
Hāna, Maui

Hāna Health - Environmental Narrative  
Hāna, Maui

Kualoa Regional Park - Wastewater  
System Improvements, EA, SMA Permit  
Kāne'ohe, O'ahu

## PROFESSIONAL REGISTRATIONS & ASSOCIATIONS:

American Institute of Certified Planners  
(AICP), Member

American Planning Association, Hawai'i  
Chapter (APA-HI), Member

Public Issues/Governmental  
Affairs Committee, Chair

APA National Tribal and Indigenous  
Planning Division, Member

Patsy T. Mink Leadership Alliance,  
Cohort 8 (2023-2024)

Kalihi Ahupua'a Ulu Pono Ahahui -  
Treasurer (2006-2007, 2010-2015)

## EDUCATION:

Masters of Urban and Regional Planning  
University of Hawai'i at Mānoa HI

Bachelor of Science, Biology  
University of Hawai'i at Mānoa HI

Community Resilience, Certificate of  
Completion

National Disaster Preparedness Training  
Center (NDPTC)

Wildfire Defense for Construction  
Professionals, Certificate of Completion  
U.S. Green Building Council, California  
(USGBC CA)

## PROJECT HONORS & AWARDS:

DHHL Pu'u 'Ōpae Kuleana Homestead  
Settlement Plan, APA Hawai'i  
Outstanding Planning Award - Equity  
Projects, 2022

Pacific Business News - Women Who  
Mean Business, 2026

# BARBARA NATALE

AICP

Senior Associate

Senior Planner/Project Manager

## SELECTED PROJECTS:

Girl Scouts Hawai'i - Improvements to  
Girl Scout Camps Statewide EA  
Statewide, Hawai'i

Girl Scouts Hawai'i - Camp Paumalū  
Master Plan, State Special Use Permit  
and Conditional Use Permit  
Hale'iwa, O'ahu

Hawai'i Gas Due Diligence  
Kalaeloa, O'ahu

Hawai'i Health Systems Corporation -  
Samuel Mahelona Memorial Hospital  
Property Assessment and Master Plan  
Kapa'a, Kaua'i

Honokea Kalaeloa EA  
Kalaeloa, O'ahu

Honolulu Fire Department Regional Fire  
Training Center - EA  
Honolulu, O'ahu

Ho'oulu 'Āina - Business Plan, EA  
Honolulu, O'ahu

Kalaeloa Barbers Point Harbor -  
2040 Master Plan, Fuel Pier Design, EIS  
Kalaeloa, O'ahu

Kamehameha Schools -  
Food Initiatives & Trends  
North Shore, Central O'ahu, 'Ewa, O'ahu

Kualoa Ranch - Master Plan, EA, SUP  
Kane'ohe, O'ahu

Office of Planning and Sustainable  
Development - Soil Classification  
Systems and Use Plan  
State of Hawai'i

Pālalailai Community Solar Farm -  
Community Outreach and HRS 6E  
Permitting  
Pālalailai, O'ahu

Pūlehu Solar Farm - County Special Use  
Permit  
Kula, Maui

Sea Life Park Improvements  
Master Plan, EA, SMA, CDUA  
Waimānalo, O'ahu

Sunset Beach Elementary School -  
SMA Permit  
Hale'iwa, O'ahu

Wa'anae Coastal Emergency Access  
Road  
Wa'anae, O'ahu

Army Corps of Engineers - Ala Wai Canal  
Project Feasibility Study\*  
Honolulu, O'ahu

Board of Water Supply - Central O'ahu  
Watershed Study\*  
Wahiawa, O'ahu

*\*Project Work Prior to G70*

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**EXHIBIT "E-5"**

**Scott Edward Enright**  
64-735 Mamalahoa Hwy, Kamuela, HI 96743  
[enright.scott@gmail.com](mailto:enright.scott@gmail.com) (808) 854-1200

### **Work Experience**

**Scott E. Enright Company, LLC - President - 2019 to Present.** Duties: Agricultural and Government affairs consulting.

Clients:

- Meadow Gold Dairies: Reviving the dairy industry
- Hidden Villa Ranch: Assisting in the development of the egg facility
- Waimea Water Services: Assisting in the development of agricultural water resources in North Kohala, Hawaii
- Kekaha Ag Association: Advising and assisting association board on government affairs
- Western Plant Health Association: Assisting agricultural policies positions
- Hawaii Sustainable Beef Enterprises LLC: Government affairs assistance to the largest cattle slaughterhouse group in the State
- AES Distributed Energy: Assisting in alternative energy development on successful agriculture lands
- American Seed Trade Association: Assisting in governmental affairs

**Hawaii Department of Agriculture - Chairperson - Appointed January 2014 to January 2019.** Duties: Oversee six divisions, 294 employees statewide, and \$53M budget.

Notable accomplishments:

- Initiated the development and implementation of the Hawaii Interagency Biosecurity Plan. The program is a 10-year road map to address pre-entry and entry biosecurity concerns to control the spread of invasive species with improved technology, biocontrol facilities, and adequate, well-trained staff.
- Implemented a cooperative agreement with the U.S. Food and Drug Administration, in conjunction with the National Association of the State Departments of Agriculture (NASDA), which secured a \$1.9 million grant for the state to address the Food Safety Modernization Act. This grant establishes the Agricultural Food Safety Program to support the agricultural industry and to educate farmers about food safety.
- Led a multi-agency response program for the control and eradication of Coconut Rhinoceros Beetle while maintaining response and research funding at approximately \$1.8 million per year. This project, with over 3,000 traps covering O‘ahu, and 2,000 ongoing coconut surveys, is poised to become the first project that successfully eradicates an invasive species in Hawaii.

- Established a partnership between the USDA and the State of Hawaii (Hawaii Department of Agriculture) to facilitate an increase in USDA monies to agricultural projects in Hawaii, signed by Hawaii Governor Neil Abercrombie and US Secretary of Agriculture Tom Vilsack in May 2014.
- Completed the Good Agricultural Practices Task Force (HI GAP) guidelines recommendations and final report to help prepare Hawaii agricultural community for coming Food Safety Modernization Act (FSMA) rules.
- Developed and implemented the HDOA Good Neighbor Program, where 1) restricted use pesticides are reported monthly online on the HDOA website, 2) agricultural enterprises develop strategies for community outreach, and 3) setbacks or free space are established between agricultural activities and sensitive community assets such as schools. The program is moving the county of Kauai and the state toward the resolution of community concerns about biotechnology and pesticide usage.

**Hawaii Department of Agriculture - Deputy to the Chairperson - February 2012 to**

**December 2013.** Duties: Interim Administrator for the Division of Plant Industry and the Division of Agricultural Development. Managed the USDA Specialty Crop Block Grant funding program. Directed Human Resources for the Office of the Chair. Representative to the Board of the Agribusiness Development Corporation. Directed biosecurity initiatives. Directed initiatives to revitalize the state's livestock industry, with special focus on developing dairy industry and grass-fed beef industry. Provided direction for improving infrastructure for irrigation systems statewide.

**Hawaii Sustainable Agriculture and Renewable Energy Project, Cordon Technologies, LLC - Consultant - 2008 to 2010.** Duties: Planning and strategy for research and development of new technologies, application of innovative agricultural techniques, and implementation of conservation processes in an effort to utilize Hawaii Island's natural resources to deliver food and energy independence and security.

**ITC Water Management, Inc. - Project Manager - 1996 to 2003** - Headquarters in Haleiwa, Oahu. Duties: Planned and implemented major private, state and federal waterline construction projects throughout the state of Hawaii. Responsible for hiring, time sheets, scheduling, logistics, purchasing, budget, on-site supervision, and public relations.

**Education**

**BA, Psychology, and BA, Philosophy, with Honors, University of Hawaii at Hilo, 2005.**

**MS Program (not completed), Conflict Analysis and Resolution, George Mason University, Arlington, VA.** Completed three of four semesters; program not completed due to family obligations. Focused on Community Conflict and Environmental Conflict. Studies and courses completed: Collaborative Leadership in Community Planning; Negotiation; Mediation; Facilitation; Organizational Conflict; Advanced Conflict Resolution Theory;

Culture and Conflict; Water and Resource-Based Conflict; Leadership in Conflict  
Analysis and Resolution. 2006-2008.

**EXHIBIT "E-6"**



## **ERIC B. GUNTHER**

Eric B. Guinther is an ecologist/botanist and aquatic biologist with over 50 years of experience conducting environmental studies throughout the central Pacific Basin. His responsibilities at *AECOS* include corporate and project management, as well as the production of environmental survey reports, water quality assessments, and plant and animal identifications. Mr. Guinther does the final review of all *AECOS* reports prior to sending to clients. His educational background encompasses geology and botany in addition to his major area of study in invertebrate zoology. In recent years, Mr. Guinther has been involved mostly with conducting plant surveys to document potentially sensitive species (native or protected species) as well as invasive and potentially invasive species, conducting surveys assessing the distribution of aquatic biota, and interpreting water quality data to assess the impact of projects on the natural environment.

Mr. Guinther has conducted marine, terrestrial, and coastal zone surveys for *AECOS* throughout the Hawaiian Islands and the western and central Pacific, including Guam, American Samoa, Kwajalein Atoll, Canton Atoll, Fanning Atoll, Christmas Island, Yap, Saipan, Tinian, Palau, and Japan. He has completed numerous terrestrial botanical resource and aquatic resource (streams and wetlands) surveys in the Hawaiian Islands. His work in Guam included field and literature wetland resource surveys for Navy lands.

Mr. Guinther is exceptional at field identification and the use of taxonomic keys. He has authored or been lead author on hundreds of reports. He has prepared biological and impact analyses sections for numerous EAs and EISs. He has facilitated ESA botanical species consultations with resource agencies on behalf of clients.

Projects underway or recently completed include botanical surveys for Hawai'i Department of Transportation on O'ahu, Kaua'i, and Maui and public and private projects throughout the Main Hawaiian Islands. He is currently a technical advisor for a government project that is addressing issues related to critical habitat for endangered plants.

Mr. Guinther has completed the 40-hour basic health and safety training required for hazardous waste workers under OSHA 1910.120 and continues to maintain his certification through annual refresher courses. He is also certified in First Aid, CPR/AED and Wilderness First Aid. Mr. Guinther is an active participant at Na Pohaku o Hauwahine in Kailua, a community project to restore native vegetation and marsh habitat in Kawai Nui Marsh.

**EXHIBIT "E-7"**



## **David Shideler, M.A.**

Principal Investigator

### **Education:**

- 1997 Ph.D. Candidate – ABD (all but dissertation) status, History of Hawaiian Islands, University of Hawai'i at Mānoa
- 1987 M.A. – Asian Religions, University of Hawai'i at Mānoa
- 1984 M.P.H. – Environmental Health Management, University of Hawai'i at Mānoa
- 1977 B.A. – Anthropology and Religion, University of Hawai'i at Mānoa
- 1976 B.S. – Zoology with Minor and Certificate in Environmental Studies, University of Florida

### **Qualifications:**

Mr. Shideler is an original member of CSH's management with a 35-year career in Hawaiian and Pacific archaeology. His experience spans all types of archaeological work from small, short term projects such as preparation of monitoring plans to large scale data recovery efforts. Mr. Shideler is one of CSH's lead researchers and report authors. He has extensive experience conducting historic research and has often uncovered unique primary sources and information. He is familiar with a wide range of Hawaiian texts, making him an invaluable resource to CSH and our clients.

Career highlights include:

- Completed over 1,000 archaeological projects in Hawai'i and has managed many large scale, multi-task projects, including numerous federal projects at many Hawai'i military installations,
- Diverse background and familiarity with all levels of historic preservation regulations and recognized by the Land Use Commission as an expert in archaeology and cultural impact assessments, and
- Extensive experience providing public presentations and consulting with project stakeholders including Native Hawaiian Organizations and individuals.

Mr. Shideler also has vast experience in academics and in the resolution of cultural issues and concerns. Born in Japan, he has been a lifelong student of Asian cultures. He has taught at Taisho University in Tokyo and worked at Mahidol University in Thailand. Locally, Mr. Shideler periodically lectures at the University of Hawai'i at Mānoa on the history of Hawai'i and on Polynesian and Hawaiian religion.

### **Special Training, Honors, and Certifications:**

- Hawaiian Language Proficiency, 1996
- HART's Safety/Environmental Orientation Training
- First Aid / CPR (Current)

**EXHIBIT "E-8"**

# AARON MURPHY, PE

## PRINCIPAL ENGINEER

Aaron is a Principal Engineer at 3J Consulting with more than 25 years of experience delivering projects around the globe. His thorough approach to engineering and project management, streamlines processes and maintains communications to ensure high-quality projects. Aaron spent the first 10 years of his career working in Australia, South-East Asia & the Middle East on various mining, power generation, transportation, river morphology, land development, and natural disaster remediation projects. In 2010, Aaron moved to the USA to broaden his experience in civil engineering. Since then, Aaron has worked on a variety of projects, including renewable energy, mining, power generation, oil & gas, land development, civic, and transportation.

Aaron is a registered engineer in Hawaii, and has worked on projects located on Kauai, Maui, O'ahu, and the Big Island.



### Education

BEngT, University of Southern Queensland



### Registrations

Professional Civil Engineer - Hawaii, Massachusetts, New York, Oregon, Washington, Colorado, Utah, New Mexico, Arizona



### Affiliations

American Society of Civil Engineers

American Public Works Association, Oregon Chapter

Institute of Engineers Australia

### Relevant Experience

- Kaawanui Solar PV + BESS, Kauai County, HI
- Keamuku Solar PV + BESS, Hawai'i County, HI
- Kuihelani Solar PV + BESS; Maui County, HI
- Kuihelani 2 Solar PV + BESS, Maui County, HI
- Mana Solar PV + BESS; Kauai County, HI
- Waikoloa Solar PV + BESS, Hawai'i County, HI
- West O'ahu Solar PV + BESS, Honolulu County, HI

**EXHIBIT "E-9"**

# Priya Kumar

priya.kumar@aes.com | 808-282-8807 | Honolulu, Hawaii

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## Professional Summary

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Environmental compliance manager supporting projects throughout Hawaii, with experience in environmental permitting, regulatory compliance, site assessments, and waste management. Partners effectively with multidisciplinary teams and regulatory agencies to achieve project objectives while maintaining high standards of environmental stewardship. Proficient in implementing best management practices, preparing comprehensive regulatory reports, and leading continuous improvement initiatives aimed at advancing sustainable development.

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## Work Experience

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### Manager, Environmental Compliance, AES Hawaii, Honolulu, Hawaii (February 2022 to present)

- Manage all environmental regulatory compliance requirements for the development, construction, and operation of solar plus storage and wind projects in Hawaii. This includes obligations specified by the Construction General Permit, Conditional Use Permit, Special Use Permit, and Incidental Take Permit and License.
- Assist with due diligence studies necessary to obtain various discretionary and construction permits. Provide oversight of Environmental Site Assessments to identify potential environmental liabilities and collaborate with teams to evaluate site conditions, interpret environmental data and recommend appropriate remediation strategies.
- Schedule pre-construction meetings and surveys with general contractors, biologists, and archaeologists to review setbacks, constraints, preservation and exclusion areas, time-of-year restrictions, and highlight critical items required for construction compliance.
- Conduct comprehensive site inspections and audits throughout construction to verify that erosion and sediment control Best Management Practices (BMPs) are properly implemented and maintained per the Storm Water Pollution Prevention Plan (SWPPP). Document findings in detailed inspection reports, track corrective actions, and follow up to confirm that issues are resolved in a timely manner.
- Coordinate waste management operations at construction and operating sites, focusing on safe handling, proper disposal, and recycling of materials. Collaborate with contractors and site teams to implement waste reduction strategies and best practices. Track waste generation and disposal data to support Environmental, Social, and Governance (ESG) reporting requirements. Identify opportunities for increasing recycling rates and minimizing landfill waste through continuous improvement initiatives.
- Prepare and execute Spill Prevention, Control, and Countermeasure (SPCC) plans to proactively address oil spill risks. Manage incident response initiatives for spill events and conduct root cause investigations to drive corrective and preventive actions.
- Prepare annual reports as required by discretionary permits to demonstrate regulatory compliance during both the construction and operational phases of projects.
- Prepare Tier II reports in accordance with the Emergency Planning and Community Right-to-Know Act (EPCRA) regulations, ensuring accurate chemical inventory, payment of fees, and timely submission to appropriate agencies and stakeholders.
- Collaborate with the Division of Forestry and Wildlife (DOFAW) and the U.S. Fish and Wildlife Service (USFWS) to implement mitigation projects, monitor populations, and adapt management approaches to ensure ongoing protection of threatened and endangered species as required by the Habitat Conservation Plan.

### Environmental Coordinator, AES Hawaii, LLC, Kapolei, Hawaii (June 2016 to February 2022)

- Oversaw obligations necessary for operating a coal-fueled power plant, including those mandated by the Covered Source Permit, Solid Waste Management Permit, Underground Injection Control Permit, National Pollutant Discharge Elimination Standard Permit, Ground Water Use Permit, and General Permit for Treatment Works.
- Scheduled and coordinated air, water, and waste sampling with third-party laboratories and testing facilities. Ensured that all sampling, monitoring, reporting, and recordkeeping requirements were met in accordance with the regulatory deadlines set forth in the respective permits.

- Reviewed Continuous Emissions Monitoring Systems (CEMS), laboratory, and stack testing data for accuracy and completeness, and performed calculations for annual emissions and greenhouse gas reporting and fee assessment.
- Prepared permit renewal application packages for timely submission and provided detailed responses to inquiries from regulatory agencies, including active participation in public hearings
- Participated in on-site audits with officials from the Environmental Protection Agency (EPA), Hawaii Department of Health (DOH), Hawaii Occupational Safety and Health Administration (HIOSH), the City and County of Honolulu, and responded to questions, resolved any potential compliance issues, and documented requests in a timely manner.
- Performed incident investigations and root cause analysis, including interviewing personnel involved, leading regular meetings, and preparing final investigation reports.
- Developed the Environmental Management System and Emergency Response Plan and facilitated site tours for local emergency responders and fire departments to ensure preparedness for potential rescue operations in emergency scenarios.
- Managed the budget for all environmental activities at the facility. Coordinated request for proposals, evaluated multiple contract agreements, prepared purchase requisitions, and processed invoice payments.

#### **Manager, Quality Assurance, FQ Labs, Honolulu, Hawaii (June 2009 to June 2016)**

- Developed methodologies, quality assurance plans and standard operating procedures for water, soil, and food sample analysis in accordance with EPA and Association of Official Analytical Chemists (AOAC) standards.
- Responsible for acquiring and maintaining the Drinking Water Certification for the Chemistry Department from the DOH.
- Coordinated and participated in proficiency testing programs and performed internal audits in accordance with the EPA's drinking water certification manual.
- Developed and maintained the Laboratory Information Management System (LIMS) using Microsoft Access to archive and organize all data in a secure database.
- Operated and maintained the Inductively Coupled Plasma – Mass Spectrometer (ICP-MS), Gas Chromatograph – Mass Spectrometer (GC-MS), Ion Chromatograph (IC) and Flow Injection Analyzer (FLA) used to test for various analytes in food, soil, ash, and water samples.
- Directed and oversaw laboratory personnel on large testing projects, compiled data, prepared reports, and other deliverables to the client in a timely manner.

#### **Air Quality Specialist, URS Corporation, Houston, Texas (February 2008 – April 2009)**

- Assisted in the preparation of New Source Review (NSR) amendment and Title V permit renewal applications for petrochemical and gasification plants in Texas. Projects involved emission rate calculations, compiling respective application forms, preliminary Best Available Control Technology (BACT) analysis, and public notice.
- Assisted in the preparation of a Quality Assurance Plan for the flare gas and cooling tower continuous monitoring systems at a petrochemical facility and developed Title V compliance certification checklists for electric generation stations in Texas.

#### **Permit Specialist, Enviroplan Consulting, Wayne, New Jersey (January 2007 – October 2007)**

- Assisted the Indiana state regulatory agency in the preparation of state operating permits for various minor sources across the state. Projects involved the review of permit applications for completeness and technical accuracy, and calculating potential and allowable emissions.

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### **Education**

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MS/Environmental Engineering/2006/Texas A&M University Kingsville

BE/Electrical Engineering/2001/Bangalore University/India