

GM 652

Measure Title: Submitting for consideration and confirmation to the Environmental Council, Gubernatorial Nominee, JOSEPH SHACAT, for a term to expire 6-30-2015.

Report Title: Environmental Council

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



LINDA ROSEN, M.D., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

**GM 652, Submitting for Consideration and Confirmation to the Environmental Council,
Gubernatorial Nominee, Joseph Shacat, term expiring June 30, 2015**

**Testimony of Gary Gill
Deputy Director, Environmental Health Administration**

**April 10, 2014
2:45 P.M.**

Department's Position: The Department of Health supports the nomination of Joseph Shacat to the Environmental Council.

Joseph currently works as an Environmental Compliance Manager for a local contractor. He has a strong background in environmental management and solid experience in scientific environmental field research. Joseph also has extensive professional training in hazardous waste operations and emergency response as well as completing a number of Occupational Safety and Health Administration-sponsored safety trainings.

Mr. Shacat's education, work experience, and professional training are great attributes that will complement his service and input to the Environmental Council.

I therefore urge your committee to confirm Joseph Shacat to serve as a member of the Environmental Council.

Thank you very much.

ALAN L. LANDES, President
CHARLES L. GRECO, Senior Vice President
MARK KNIGHT, Vice President
ERIC L. WILSON, Treasurer
STEPHEN E. SANDHERR, Chief Executive Officer
DAVID LUKENS, Chief Operating Officer

AGC of America
THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA
Quality People. Quality Projects.



April 2, 2014

To Whom It May Concern:

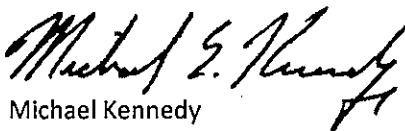
On behalf of the Associated General Contractors of America, I am pleased to confirm that Mr. Joseph Shacat, the Environmental Compliance manager for Grace Pacific LLC in Kapolei, Hawaii, is a valuable member of the Steering Committee of AGC's Environmental Forum. As a member of this committee, he has helped AGC guide this large forum, which includes all of the AGC members and AGC chapter professionals with a particular interest in environmental issues. Mr. Shacat has helped AGC identify and meet its members' needs for environmental advocacy, information and assistance. He has also had direct access to federal regulatory officials and influence over AGC's environmental agenda, and he has helped his peers exchange valuable information with each other.

Mr. Shacat was appointed to the Steering Committee for a three-year term in April of 2013. Since his appointment, Mr. Shacat has been active and engaged in the committee's affairs, and involved in the discussion of nearly every topic that Steering Committee has had to address, from air emissions to waste and stormwater runoff to low impact development. AGC has been very pleased to have his participation and support. He has brought his considerable knowledge of environmental issues and his commitment to environmental excellence to all of his Steering Committee activities.

By way of background, AGC has long been the leading trade association in the construction industry. It was founded in 1918, at the request of President Woodrow Wilson, it now represents nearly 27,000 firms across the United States, including general contractors, specialty contractors and suppliers and service providers to the construction industry. AGC members also support and participate in a nationwide network of chapters that address state and local issues. AGC members engage in the construction of commercial buildings, hospital and laboratories, schools, shopping centers, factories, warehouses, highways, bridges, tunnels, airports, levees, water works facilities and multi-family housing units, and they prepare sites and install the utilities necessary for housing developments.

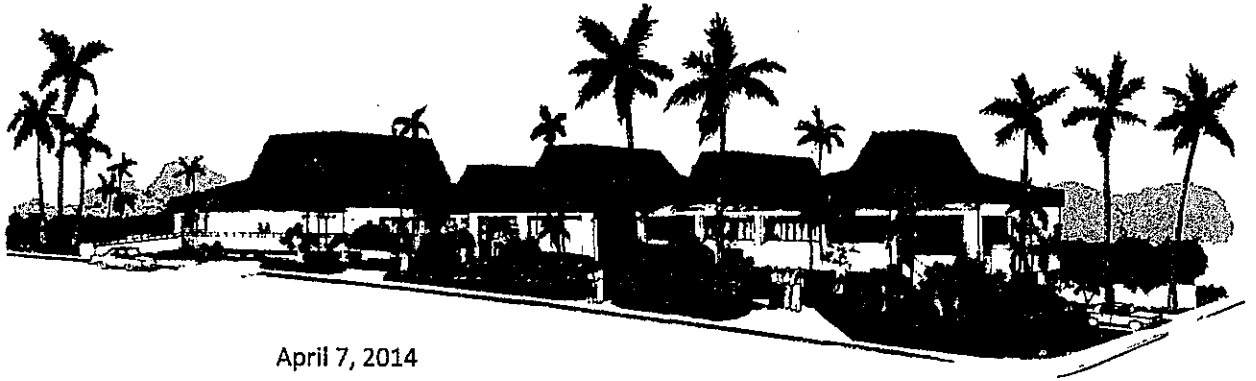
If you require any additional information, please just the AGC staff associate for the Environmental Forum, Melinda Tomaino, at tomainom@agc.org or (703) 837-5415.

Regards,


Michael Kennedy
General Counsel



LABORERS' INTERNATIONAL UNION OF NORTH AMERICA LOCAL 368



PETER A. GANABAN
*Business Manager/
Secretary-Treasurer*

ALFONSO OLIVER
President

JOBY NORTH II
Vice President

TONI FIGUEROA
Recording Secretary

THOMAS CATHCART
Executive Board

JAMES DRUMGOLD JR.
Executive Board

LEIMOMI JOHNSON
Executive Board

MARK MAGUSARA
Auditor

MARK TRAVALINO
Auditor

JOSEPH YAW
Auditor

NELSON S. TERRADO
Sergeant-At-Arms

April 7, 2014

Honorable Mike Gabbard, Chair
Honorable Russell E. Ruderman, Vice Chair
Members of the Committee on Energy
And Environment

Re: GM 652 Joseph Shacat, Nominee for the Environmental Council

Hearing: April 10, 2014, 2:45 p.m.
Conference Room 225
State Capitol

Dear Chair Gabbard and Members:

The Hawaii Laborers' Union supports the confirmation of Mr. Joseph A. Shacat to the Hawaii State Environmental Council.

Mr. Shacat is experienced as an environmental scientist and Environmental Compliance Manager. He is familiar with environmental regulations that affect businesses in Hawaii and has a track record of a collaborative approach to environmental solutions. Mr. Shacat's education and experience shows his strong interest in environmental issues.

Mr. Shacat fully understands the competing forces in sustaining our environment given the problems with climate change, sea level rise, energy and food security and the preservation of the native Hawaiian culture. Thank you for the opportunity to submit this testimony.

Sincerely,

Peter Ganaban
Business Manager, Secretary/Treasurer

BIA-HAWAII

BUILDING INDUSTRY ASSOCIATION

THE VOICE OF THE CONSTRUCTION INDUSTRY

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Ryan Engle

Bays Lung Rose & Holma

Stephen Hanson

simplicityHR by ALTRES

TESTIMONY TO THE SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

Thursday, April 10, 2014

2:45 p.m.

State Capitol - ROOM 225

RE: GM 652 - CONSIDERATION AND CONFIRMATION TO THE ENVIRONMENTAL COUNCIL, JOSEPH SHACAT, FOR A TERM TO EXPIRE JUNE 30, 2015

Dear Chair Gabbard, Vice-Chair Ruderman, and members of the Committee:

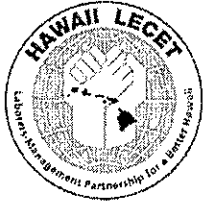
My name is Gladys Marrone, Government Relations Director for the Building Industry Association of Hawaii (BIA-Hawaii), the Voice of the Construction Industry. We promote our members through advocacy and education, and provide community outreach programs to enhance the quality of life for the people of Hawaii. BIA-Hawaii is a not-for-profit professional trade organization chartered in 1955, and affiliated with the National Association of Home Builders.

BIA-Hawaii **supports**, GM 652, submitting for consideration and confirmation of Joseph Shacat to the Environmental Council. We believe Mr. Shacat is very qualified and capable to assume this role.

Currently serving as Environmental Compliance Manager for Grace Pacific, LLC, since 2009, Mr. Shacat is acutely familiar with the environmental regulations that affect businesses in Hawaii. He also has undertaken systemic changes at Grace Pacific to reduce emissions, minimize waste, increase recycling, improve energy efficiency, and utilize alternative energy sources.

Mr. Shacat also brings with him experience at the national level with regards to environmental policy, compliance, and sustainability, as well as the small business and construction industry perspectives, which is knowledge that will help ensure thoughtful and balanced decisions by the Environmental Council.

We appreciate the opportunity to share with you our views.



HAWAII LABORERS-EMPLOYERS COOPERATION AND EDUCATION TRUST
1617 Palama Street · Honolulu, HI 96817 · Phone: 808-845-3238 · Fax: 808-848-8300 · URL: hilecet.org

**TESTIMONY OF HAWAII LECET
CLYDE T. HAYASHI - DIRECTOR**

TESTIMONY TO THE SENATE COMMITTEE ON ENERGY AND ENVIRONMENT
THURSDAY, APRIL 10, 2014, 2:45 P.M.
STATE CAPITOL – ROOM 225

**RE: GM 652, SUBMITTING FOR CONSIDERATION AND CONFIRMATION TO THE
ENVIRONMENTAL COUNCIL, GUBERNATORIAL NOMINEE, JOSPEH SHACAT**

Dear Chair Gabbard, Vice-Chair Ruderman and members of the Committee:

My name is Clyde T. Hayashi and I am the Director of Hawaii LECET. Hawaii LECET is a labor-management partnership between the Hawaii Laborers Union Local 368, its 5,000+ members, and 250+ unionized contractors.

We support GM 652, submitting for consideration and confirmation to the State Environmental Council, Gubernatorial Nominee Joseph Shacat. We believe Mr. Shacat is more than qualified to be on the Hawaii State Environmental Council.

Mr. Shacat is the current Environmental Compliance Manager for Grace Pacific LLC and is responsible for all aspects of environmental compliance at facilities and construction sites throughout Hawaii. Mr. Shacat earned both his Master of Science in Oceanography and Master of Business Administration degrees from the University of Hawaii At Manoa. He is also a former environmental scientist who conducted field research in Antarctica, as well as analytical analysis in oceanographic research. We believe Mr. Shacat's extensive education in environmental science, as well as his work experience in environmental construction compliance, has afforded him with a foundation that will be conducive in providing a well-balanced perspective on issues that come before the Environmental Council.

In addition, Mr. Shacat is currently on the Board of Directors for the non-profit Honolulu Clean Cities Coalition and also serves on the Steering Committee for the Environmental Forum of the Associated General Contractors of America, which represents construction firms nationwide.

With Mr. Shacat's extensive educational background in environmental science and his work experience in environmental construction compliance, we believe that he will advocate fairly for balanced environmental solutions with consideration of economic-based concerns.

Mahalo for the opportunity to express our support for Mr. Joseph Shacat.

1065 Ahua Street
Honolulu, HI 96819
Phone: 808-833-1681 FAX: 839-4167
Email: info@gcahawaii.org
Website: www.gcahawaii.org



GCA of Hawaii

GENERAL CONTRACTORS ASSOCIATION OF HAWAII

Quality People. Quality Projects.

Uploaded to Capitol Website

April 10, 2014

To: Honorable Mike Gabbard, Chair, Honorable Russell Ruderman, Vice Chair and Members of Senate Committee on Energy and Environment.

Subject: **Support of Governors Message 652: Nomination of JOSEPH SHACAT to the Environmental Council, for a term to expire 6-30-2015.**

HEARING

DATE: Thursday, April 10, 2014
TIME: 2:45 p.m.
PLACE: Conference Room.225

Dear Chair Gabbard, Vice Chair Ruderman and Members of the Committee,

My name is Rick Heltzel and I am President of the General Contractors Association of Hawaii (GCA), an organization comprised of approximately six hundred (600) general contractors, subcontractors and construction related firms. GCA was established in 1932 and is the largest construction association in the State of Hawaii. The GCA's mission is to represent its members in all matters related to the construction industry, while improving the quality of construction and protecting the public interest.

GCA is writing in support of Governors Message 652, nominating Joseph Shacat as a member of the Environmental Council.

Mr. Shacat is an ideal candidate for the Environmental Council because he has the best interest of Hawaii's environment in mind and also understands the balance between economic development and environmental quality. He is well-rounded in both academia and business and has a visionary concept in environmental sciences. Mr. Shacat will bring a unique perspective to the Environmental Council on issues affecting the quality of Hawaii's environment because of his current work in environmental compliance at Grace Pacific Corporation and his past practice in environmental research and development while studying Oceanography at the University of Hawaii.

Members of the Environmental Council must understand that one of the original purposes of the Office of Environmental Quality Control and the Council was to find an optimum balance between economic development and environmental quality. As past Chair of GCA's Environment Committee, Mr. Shacat's enthusiasm for the environment and commitment to innovative industry resources makes him an ideal candidate for the Council.

The GCA strongly supports the nomination of Joseph Shacat to the Environmental Council and respectfully requests your consideration.



S & M SAKAMOTO, INC.
GENERAL CONTRACTORS

Sent via E-mail: ENEtestimony@capitol.hawaii.gov
Sent via fax: (808) 586-6679

April 10, 2014

To: Honorable Mike Gabbard, Chair, Honorable Russell Ruderman, Vice Chair and Members of Senate Committee on Energy and Environment.

Subject: Support of Governors Message 652: Nomination of JOSEPH SHACAT to the Environmental Council, for a term to expire 6-30-2015.

HEARING

DATE: Thursday, April 10, 2014
TIME: 2:45 p.m.
PLACE: Conference Room 225

Dear Chair Gabbard, Vice Chair Ruderman and Members of the Committee,

S & M Sakamoto, Inc. is writing in support Governors Message 652 and the appointment of Joseph Shacat who has been nominated to serve on the Environmental Council.

Joseph Shacat would be an appropriate candidate to sit on the Environmental Council because he understands the issues facing the Environmental Council, including proper compliance with federal, state and local regulatory rules and statutes, clear understanding of Chapters 341 and 343, Hawaii Revised Statutes and other regulations related to the environment.

The decisions of the Environmental Council have a broad impact on environment and economic developments because their decisions affect health and safety, the protection of our natural resources and economic development. The Environmental Council plays an important role in the community and ensures fair and sound decisions to protect the balance between economic development and our state's natural resources.

S & M Sakamoto, Inc. supports the appointment of Joseph Shacat to the Environmental Council.

Very truly yours,
S & M Sakamoto, Inc.

Gerard Sakamoto
President

KING & NEEL, INC.

1164 Bishop Street • Suite 1710 • Honolulu, Hawaii 96813
Telephone: (808) 521-8311
Fax: (808) 526-3893

Sent via E-mail: ENEstimony@capitol.hawaii.gov
Sent via fax: (808) 586-6679



April 8, 2014

To: Honorable Mike Gabbard, Chair, Honorable Russell Ruderman, Vice Chair
and Members of Senate Committee on Energy and Environment.

Subject: Support of Governors Message 652: Nomination of JOSEPH SHACAT to
the Environmental Council, for a term to expire 6-30-2015.

HEARING

DATE: Thursday, April 10, 2014
TIME: 2:45 p.m.
PLACE: Conference Room 225

Dear Chair Gabbard, Vice Chair Ruderman and Members of the Committee,

King & Neel, Inc. is a Hawaii based insurance and bonding agency that has served our building community since 1967.

We are writing in SUPPORT of Governors Message 652 and the appointment of Joseph Shacat, who has been nominated to serve on the Environmental Council.

He would be an appropriate candidate on the Environmental Council because he understands the issues facing the Council, including proper compliance with federal, state (Chapters 341 and 343, Hawaii Revised Statutes) and other local regulatory rules and statutes.

The Environmental Council plays an important role in the community by ensuring fair and sound decisions to protect the balance between economic development and our state's natural resources.

King & Neel, Inc supports the appointment of Joseph Shacat.

Sincerely,

John N. Bustard
Executive Vice President



Grace Pacific LLC

A SUBSIDIARY OF ALEXANDER & BALDWIN, INC.

GP Roadway Solutions • GPRM Prestress • GLP Asphalt • Maui Paving

April 9, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Nomination of Joseph Shacat to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in strong support of Joseph Shacat's nomination to the Environmental Council. I have worked with Joseph in his capacity as Environmental Compliance Manager for Grace Pacific and its subsidiaries since 2009. Mr. Shacat is well versed in the regulatory literature, and his work is of the highest quality.

Mr. Shacat has contributed greatly to Grace's efforts to be an environmentally responsible corporate citizen. Further, Mr. Shacat's participation and leadership in various industry and environmental committees qualifies him for the duties of the Environmental Council.

I am confident you will be pleased with his contribution to the Council.

Sincerely,

Robert M. Creps
Senior Vice President
Grace Pacific LLC



Environmental Science International
354 Uluniu Street, Suite 304, Kailua, Hawaii 96734
(808) 261-0740 phone / (808) 261-0749 fax

April 7, 2014

Attention: Senator Mike Gabbard, Chair
Senator Russell E. Ruderman, Vice Chair

Subject: Testimony in Support of Mr. Joseph Shacat

References:

1. Submitting for consideration and confirmation to the Environmental Council, Gubernatorial Nominee, Joseph Shacat, for a term to expire 6-30-2015.
2. GM652.
3. Hearing: April 10, 2014, 2:45 p.m.

Dear Chair Mike Gabbard and Members of the Committee on Energy and Environment,

I am writing to express my strong support for Mr. Joseph Shacat to become a member of the Environmental Council.

I have worked closely with Mr. Shacat since December 2006. During his two-year tender with our company, while working as an environmental scientist, and in his current position, as Environmental Compliance Manager for Grace Pacific Corporation, Mr. Shacat has worked on many aspects of environmental regulations and compliance. He plays a critical role in helping Grace Pacific meet its environmental obligations and commitments. I suspect that he will do much the same for the Environmental Council.

Mr. Shacat's knowledge and experience will prove to be a valuable contribution to the council. In addition, he is a sincere and engaged professional who will work cooperatively and easily with his fellow council members. Thank you for the opportunity to express my support for Mr. Shacat's nomination.

Submitted Respectfully,

A handwritten signature in black ink that reads "Howard West". The signature is written in a cursive style with a horizontal line extending to the right.

Howard B. West, Ph.D.
Principal and Executive Vice President
Environmental Science International, Inc.

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and the Committee on Energy and Environment,

This memo is to support Joseph Shacat's nomination to the Environmental Council. Mr. Shacat was a student in two courses that I teach at the Shidler College of Business while he was earning his M.B.A. degree at the University of Hawaii-Manoa. The two courses that Mr. Shacat took from me are *corporate financial management* and *entrepreneurial financial management*.

During these classes Mr. Shacat displayed a high level of understanding of these courses' content and conducted himself with professionalism and integrity. I believe Mr. Shacat's unique background which combines graduate degrees in both the science and business disciplines with his years of relevant work experience in the environmental field makes him an extremely valuable choice for the Environmental Council of the State of Hawaii. His high degree of integrity along with his strong understanding of environmental issues would serve our state well.

Sincerely,

Eric L. Mais
Professor of Finance
Shidler College of Business
University of Hawaii-Manoa

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. I am a classmate of Joseph's from the Executive MBA program at University of Hawaii. Throughout the 2 year cohort program, Joseph was a strong member of each team he participated on and had a strong voice during group discussions. He always brought a lot of knowledge with him and has excellent communication skills. He was unquestionably one of the strongest students in the cohort.

I believe Joseph will play an extremely valuable role on the Environmental Council. With his educational background, employment experience and roles in various environmental organizations, I am confident he will bring a wealth of knowledge and sound perspective to all issues the Council will be faced with.

Please accept this testimony as a strong recommendation for Joseph for the Environment Council.

Sincerely,

Krista Matto
Consultant
Lucidity Consulting, LLC



STATE OF HAWAII
DEPARTMENT OF HEALTH
COMPLIANCE ASSISTANCE OFFICE
919 Ala Moana Blvd., Room 312
Honolulu, Hawaii 96814
April 8, 2014

In reply, please refer to:
File:

Senate Committee on Energy and Environment
April 10, 2014
2:45 PM

State Capitol, Conference Room 225
In consideration of
Governor Message 652
**Submitting for consideration and confirmation to the Environmental Council,
Gubernatorial Nominee, Joseph Shacat
For a term to expire 6-30-15**

To: The Honorable Senator Gabbard, Chair
Members of the Senate Committee on Energy and Environment

Dear Senate Gabbard:

I **strongly support** the appointment of Joseph Shacat as a member of the Environmental Council.

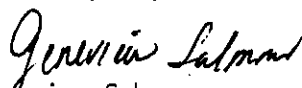
I have had the opportunity to work with Mr. Shacat as a member of the Hawaii General Contractor Association (GCA) subcommittee on the environmental for the last eight years. I have found Mr. Shacat to be both fair and knowledgeable in his role as chairperson of the GCA subcommittee on the environment. Mr. Shacat has extensive background and experience dealing with environmental protection issues and has initiated recycling of construction by-products. He presents new ideas on environment protection to the committee and welcome new ideas for discussion.

The Environmental Council must be able to deal with strong opinions on all sides of an environmental issue and to ensure that the environmental concerns are given appropriate consideration along with economical and technical considerations objectively. He has shown this quality in his capacity as the chair of the GCA subcommittee on the environmental and as the environmental compliance manager for Grace Pacific LLC.

I encourage the Committee to recommend confirmation of Mr. Joseph Shacat to the Environmental Council.

Thank you for the opportunity to testify **in support** of Mr. Shacat.

Yours Very truly,


Genevieve Salmonson
Environmental Ombudsman
Compliance Assistance Office

April 8, 2014

To: Honorable Mike Gabbard, Chair, Honorable Russell Ruderman, Vice Chair and Members of Senate Committee on Energy and Environment.

Subject: Support of Governors Message 652: Nomination of JOSEPH SHACAT to the Environmental Council, for a term to expire 6-30-2015.

HEARING

DATE: Thursday, April 10, 2014
TIME: 2:45 p.m.
PLACE: Conference Room 225

Dear Chair Gabbard, Vice Chair Ruderman and Members of the Committee,

Mark Ambler is writing in **SUPPORT** Governors Message 652 and the appointment of Joseph Shacat who has been nominated to serve on the Environmental Council.

I am a current member of the Environmental Council. My opinion is that we need more dedicated members in the Environmental Council who will honor their commitment to the council and pledge to attend every single meeting. We do not currently have all 15 member positions filled and that is compounded with inconsistency in attendance.

I have researched Joseph's engagement and committee involvement over the past year and he has routinely honored his commitments with perfect attendance, and also volunteered additional efforts in a major leadership role. We need someone of his caliber.

Joseph also understands the issues facing the Environmental Council, including proper compliance with federal, state and local regulatory rules and statutes, clear understanding of Chapters 341 and 343, Hawaii Revised Statutes and other regulations related to the environment.

The decisions of the Environmental Council have a broad impact on environment and economic developments because their decisions affect health and safety, the protection of our natural resources and economic development. The Environmental Council plays an important role in the community and ensures fair and sound decisions to protect the balance between economic development and our state's natural resources.

Please accept this testimony in **SUPPORT** of Governors Message 652 and the appointment of Joseph Shacat who has been nominated to serve on the Environmental Council.

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Joseph Shacat's Nomination to the Environmental Council

Dear Senator Gabbard and Members of the Committee on Energy and Environment:

I write to you in strong support of Joseph Shacat's nomination to the Environmental Council.

For the past few years, I have worked with Joseph in both an educational and professional setting. Joseph is intelligent and always thoughtful. He is able to quickly analyze a situation and identify key concerns.

In working with Joseph on various projects, I have seen his ability to work constructively and collaboratively with different types of personalities. No matter how heated a discussion may become, Joseph remains calm, composed, and respectful. This even-keeled temperament makes him an ideal candidate for the Environmental Council, given the important and sensitive matters it must address.

Joseph's experience clearly demonstrates his passion for the environment and dedication to the community.

In closing, I have the utmost confidence that Joseph Shacat has the experience, expertise, and character to serve ably on the Environmental Council.

Sincerely,

James Miyashiro, Jr.

April 8, 2014

Sen. Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

Subject: Mr. Joseph Shacat's nomination to the Environmental Council

Sen. Gabbard and members of the Committee on Energy and Environment;

I am writing in support of Joseph Shacat's nomination to the Environmental Council.

I had the distinct pleasure of working with Joseph as a cohort at University of Hawaii Manoa, Shidler College of Business. From the very beginning, Joseph showed himself to be an intelligent and concerned team member, whose immense ability to quickly process information was topped only by his generous personality and wit.

Joseph is experienced in both corporate structure and governmental policy. He is an expert in environmental regulations, systems and has implemented numerous programs to make Grace Pacific a more environmentally conscious community member.

As an avid sailor, Joseph is deeply concerned with Hawaii's unique and fragile environment. He understands the environmental issues that threaten this archipelago, and has the business acumen to work closely with Hawaii's major industries and employers.

The Masters of Business Administration program at UH was the best professional and educational opportunity I have experienced, and Joseph played a major role. Time does not permit me to list everything I learned from Joseph, nor the great joy I had working with him on a near daily basis. I can only give him my highest recommendation, and state without hesitation that Joseph would be a tremendous benefit to the Environmental Council and the State of Hawaii.

Sincerely,
Steve Murray
Associate Editor, MidWeek
Co-owner/Co-Host 1420Golf

GM 652

Wednesday, April 9, 2014

To: Senate Committee on Energy and Environment
From: Jack P. Suyderhoud, PhD
Re: Nomination of Joseph Shacat to the Hawaii State Environmental Council

It is a pleasure for me to provide this statement of support on his behalf of Mr. Joseph Shacat who is being nominated for appointment to the Hawaii State Environmental Council.

By way of background, my name is Dr. Jack P. Suyderhoud, Professor of Business Economics, Shidler College of Business, University of Hawaii at Manoa. I am also a member of the Hawaii State Council on Revenues. My comments in this statement are my own and should not be regarded as the opinions of the University or of the Council on Revenues.

I have known Joseph since August of 2011 when he entered our Executive MBA (EMBA) program. I taught a 1.5-credit core course (Bus 627: Business, Government and the External Environment). In addition, Joseph took the 6-credit Asian Field Studies course that I co-taught in the summer of 2012. We studied and toured businesses, government organizations, and NGO's in Japan, China, Malaysia and Vietnam. Joseph did well in both courses. In addition, with the travels through Asia I got to know Joseph on a more personal level.

Through these encounters I have come to know Joseph as a thoughtful, intelligent, well-organized, hard-working, well-spoken and likeable person. He is thoroughly professional in his relationship with his student colleagues who respected him greatly. He has been a positive contributor to class discussions both in the substance of the knowledge he shared but also in how he shares that knowledge: with assertiveness and humility as well as experienced-based perspective. Many of the assignments he was asked to do involved group work with students from diverse backgrounds. On the basis of what I was able to observe, Joseph always worked quite well with his colleagues. Thus, I found him to be a personable and trustworthy team player who gets along well with people from a variety of backgrounds.

Joseph has a strong academic and professional interest in environmental issues. He would sometimes combine the two as he did in a paper for the Asian Field Studies class on "rare earths" policies in China.

I'm sure he would bring his knowledge, experience, and insights to his work on the Environmental Council, putting the interests of the people of Hawaii first. I thus support his appointment to the Council.

April 9, 2014

Senate Committee on Energy and Environment
Senator Mike Gabbard, Chair
Senator Russell E. Ruderman, Vice Chair

Public Hearing: April 10, 2014, 2:45PM, Room 225

Re: GM 652, Relating to Gubernatorial Nominee Joseph Shacat for Environmental Council

Dear Chair Gabbard, Vice Chair Ruderman, and Members of the Committee,

I am writing as an individual in **support** of the gubernatorial nomination of Joseph Shacat for the Environmental Council. This testimony does not reflect the Environmental Council because it has not held a formal vote on the merits of an individual nominee.

According to HRS §341-3, members of the Environmental Council should be appointed to assure:

“a broad and balanced representation of educational, business, and environmentally pertinent disciplines and professions, such as the natural and social sciences, the humanities, architecture, engineering, environmental consulting, public health, and planning; educational and research institutions with environmental competence; agriculture, real estate, visitor industry, construction, media, and voluntary community and environmental groups.”

Mr. Shacat exemplifies this standard through his education, professional experience, and his volunteerism. He graduated with degrees in both Oceanography and Business Administration from the University of Hawaii. As the Environmental Compliance Manager at Grace Pacific LLC, he understands environmental regulations that affect businesses in Hawaii, and how those regulations protect human health and the environment. As a volunteer, he works with the Honolulu Clean Cities Coalition and the Associated General Contractors of America (AGC).

His experience demonstrates a collaborative, well-balanced approach with an appreciation that environmental solutions should incorporate reality-based economic concerns and that economic activities must address environmental realities.

In addition, Mr. Shacat has demonstrated interest in the Environmental Council over the past years. He has attended meetings and contributed to discussions. I look forward to the opportunity to work with Mr. Shacat on the Environmental Council should you decide to confirm his appointment.

Thank you for the opportunity to testify

Scott Glenn
Scott.glenn@cardnotec.com
60 N. Beretania St., #3610
Honolulu, HI 96817

UNIVERSITY OF HAWAII AT MĀNOA

School of Ocean and Earth Science and Technology
Department of Oceanography

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. I have now known Joseph for over 13 years and, during that time, my esteem for him as grown consistently. My first interactions with Joseph began when, as a student of a colleague of mine at Miami University Ohio, he applied to our graduate program in Oceanography. My close colleague recommended him highly, our program accepted Joseph, and I then began my role as his graduate advisor. The relationship has been a strong one ever since. Although Joseph exhibited a strong interest in ocean sciences, it was immediately apparent that he was an extremely well rounded person and, as he categorized himself, a philosopher of science. Such an attribute is truly accurate for Joseph, and it is his particularly broad philosophical approach to life that makes him an ideal candidate for serving on the environmental council.

Joseph is an individual with truly amazing qualifications. I would judge his intellectual capability to be in the top 1-2% of all the students I have ever encountered. More importantly he has superb communication skills and a wonderful ability to make all around him feel comfortable with his presence. I cannot recall any individual with whom Joseph has not been able to interact in a positive manner and he has always been willing to step forward to take on leadership roles, both academically, socially and, since his graduation from our program, professionally.

Some examples of Joseph's capabilities are exemplified in the wide array of endeavors he has undertaken and the positions he has held. Prior to joining my group, Joseph managed field operations and laboratory research projects in the McMurdo Dry Valleys of Antarctica. This he did as an undergraduate student while at Miami University Ohio. At UH Manoa he served as the Head Teaching Assistant of my introductory oceanography course (OCN 201 and OCN 201-L) that serves about 500 students a year. While a graduate student he also organized and served as Co-chief Scientist on the UH research vessel R/V Kilo Moana in support of my oceanography methods course (OCN 633).

Needless to say, Joseph performed very well academically in our department but showed his worth to me much more on the research side. He chose a very challenging problem for his Master's thesis, the analysis of rare earth elements in seawater. These elements are present at such low concentrations that their determination is difficult using the most advanced techniques available when Joseph was a student in my laboratory. I need to point out that the

UNIVERSITY OF HAWAII AT MĀNOA

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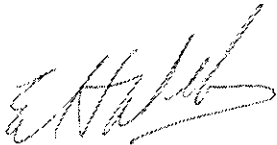
chemical complexity of seawater compounded the difficulty with which he was faced. Yet, Joseph was able to modify and improve considerably a method that I had developed in collaboration with a prior student and produced results that could, at the time, only be achieved with much more sophisticated instrumentation and through considerably more complex analytical procedures. His work was highly recognized by the top scientists in our field at the time. This recognition, however, did not come easily... It was only through Joseph's displayed strong motivation, ingenuity, perseverance, and incredible work ethics that he was able to bring his project to fruition.

Since the time Joseph completed his tenure as my graduate student we have remained friends. I interact with him regularly, now mostly as a result of our common interest in sailing, a hobby to which I introduced him when he first joined my group. Joseph has been an important player in the Hawaii sailing community over the years, where he contributed his time unselfishly to the racing committee of the Hawaii Yacht Club (HYC), including serving as the Rear Commodore for Sail of HYC. Again, it was his leadership qualities that were the key to his success in this post. As you likely know Joseph returned to school to obtain an MBA degree and is currently the Environmental Compliance Manager for Grace Pacific LLC in Hawaii, where he has had to establish and maintain multiple business relationships, manage complex problem, as well as interact closely with government officials and regulatory agencies. The latter he has achieved brilliantly!

Joseph is a very collaborative individual who takes the time to listen respectfully to all sides of a discussion, he critically assesses the situation at hand, then provides well thought out recommendations for the benefit of all. The same qualities that Joseph possesses and that I described above will serve him well on the Environmental Council, where there are clearly going to be many challenges and where conflicting interests will have to be assessed in order to develop a solution for the greater benefit of all. Joseph, in my opinion, is ideally suited for such challenges and I am extremely confident that there are few people of his caliber, confidence, congeniality, and ability to make the hard decisions that will be fair and beneficial to all...

In summary it is with great pleasure that I recommend Joseph A. Shacat for confirmation as a member of the Environmental Council. I urge you strongly to consider favorably his nomination and I am confident that you will not regret such a decision. I have no doubt that he will become one of the most respected and productive members of said council. Should you have any questions, please do not hesitate to contact me at the University.

With much aloha,



Eric Heinen De Carlo
Professor of Oceanography

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An Equal Opportunity/Affirmative Action Institution

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. I've know Mr. Shacat for over 10 years following our introduction as part of a sailboat racing crew in Hawaii. During the time I've know Mr. Shacat we have both advanced our professional careers in the environmental consulting field, myself working as an environmental scientist for 12+ years with a large consulting firm in Honolulu, during which time I've had the opportunity to work with Mr. Shacat on a professional level on several projects as a consultant to his work at Grace Pacific.

Throughout my career in the environmental consulting field in Hawaii, I've had the opportunity to work on a variety of projects including; compliance, solid waste, environmental assessments/impact statements, permitting, and environmental sampling. I have worked with numerous agencies in the state including the; Department of Land and Natural Resources, Office of Environmental Quality Control, Department of Health, County Agencies, US Navy, and the US Air Force. During my work as an environmental consultant, I have attained a first-hand account of the environmental challenges and conflicts we face as a state to achieve an acceptable level of development, while preserving the natural environment and public health.

During the time I have known Mr. Shacat in both a personal setting as a sailboat racing member and in an professional setting as a consultant while working with him, I have admired his attention to detail and learning the intricacies of a topic, such that he is able to have an educated and scientifically backed discussion on a variety of environmental issues specific to Hawaii. I feel he would be a valuable member if appointed to serve on the Environmental Council and I support his nomination.

Sincerely,



Dan Frerich
Environmental Scientist



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**GM 652
JOSEPH SHACAT
ENVIRONMENTAL COUNCIL**

**MEREDITH CHING
SENIOR VICE PRESIDENT
ALEXANDER & BALDWIN, INC.**

APRIL 10, 2014

Chair Gabbard and Members of the Senate Committee on Energy & Environment:

Thank you for the opportunity to express my strong support for the appointment of Joseph Shacat to the Environmental Council.

Mr. Shacat is the Environmental Compliance Manager for Grace Pacific LLC, a subsidiary of Alexander & Baldwin. His appointment would bring to the Council a wealth of environmental experience, as well as an appreciation of the importance of protecting Hawaii's fragile natural environment while fostering a healthy business climate in Hawaii.

Under Hawaii Revised Statutes Chapter 341, the appointment of members of the Environmental Council should assure a broad and balanced representation of educational, business, and environmentally pertinent disciplines and professions, such as the natural and social sciences, the humanities, architecture, engineering, environmental consulting, public health, and planning; educational and research institutions with environmental competence; agriculture, real estate, visitor industry, construction, media, and voluntary community and environmental groups.

Mr. Shacat's diverse background and experience encompass several of these disciplines, including the natural and social sciences (he holds a graduate degree in

oceanography), environmental consulting (he has worked for a prominent local environmental consulting firm), construction (Grace Pacific is Hawaii's top paving contractor), and voluntary community and environmental groups (he sits on the Board of Directors of the Honolulu Clean Cities Coalition). By bringing multiple perspectives to the complex environmental issues the Environmental Council faces, Mr. Shacat is ideally suited to assist the Council in accomplishing its important mission.

It is based on these observations that I strongly support Joseph Shacat's appointment to the Environmental Council.

Thank you for the opportunity to testify.

April 09, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. Joseph is a personal friend who has also helped me as a guest speaker in my classroom as well as agreeing to mentoring students doing their senior projects on environmental issues. I teach A.P. Environmental Science at Roosevelt High School. It is a college level course that interested students can receive college credits while in high school. I have been teaching at Roosevelt for 17 years and have asked Joseph for help and information on many occasions.

Joseph would make an excellent addition to the Council not only because of his background as an Environmental Science Major, he also has had experience both in the business community as well as working in the construction industry. These three separate parts make up several viewpoints on environmental issues that give him a good perspective on current issues. Joseph Shacat is an open minded individual who would bring an educated outlook to the council. He works well with others and is even tempered but willing to bring up points. He is a positive individual who works well with people. He would make a good addition to the Council.

Sincerely,

Jennifer Williams
Science Dept. Chair
Roosevelt High School
1120 Nehoa St.
Honolulu, Hawaii 96822
Ph# 808 531-9544 (work) Ph# 808 737-2347 (home) Email: snerky@gmail.com

April 09, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. I have known Joseph for over three years through serving on the Board of Directors for the Honolulu Clean Cities Coalition (HCC) nonprofit organization that is supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy.

It has been a pleasure working with Joseph at HCC. He brings a wealth of environmental, practical, and organizational experience to the table and has been instrumental in supporting efforts to reduce petroleum usage and vehicle emissions here in Hawaii. I look to Joseph as a role model for his passion supporting programs that protect the environment while at the same time enabling businesses to grow and prosper. Hawaii's environment and economy will be in a stronger position with Joseph serving on the Environmental Council. Thank you for your consideration.

Sincerely,

Christopher Colquitt

April 9, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council.

I have known Joseph for the last three years through our association at the University of Hawaii, Shidler College of Business where we were cohorts in the Executive MBA program. This program is structured to encourage and foster a high functioning team environment. Joseph was a model student who not only willingly shared his knowledge with others, but also was invested in the success of his entire team, doing whatever it would take to successfully complete the task at hand.

Joseph has a unique combination of educational credentials, in both Oceanography and Business, and professional experience that make him the perfect candidate for the Environmental Council. His passion for Hawaii and the environment are reflected in both his personal and professional accomplishments.

Without any doubt, Joseph would be an incredible asset to the Environmental Council and the State of Hawaii.

Sincerely,

Stanna Abellira

SENATE COMMITTEE ON ENERGY & ENVIRONMENT

April 10, 2014, 2:45 P.M.

Room 225

TESTIMONY IN SUPPORT OF NOMINEE JOSEPH SHACAT

Chair Gabbard, Vice-Chair Ruderman, and members of the Committee:

I am writing to support the nomination of Joseph Shacat to serve on the Environmental Council.

I have worked with Mr. Shacat in his capacity as a member of the Board of Directors of Honolulu Clean Cities ("HCC"). HCC is a nonprofit organization that engages in a U.S. Department of Energy collaboration to reduce the consumption of fossil fuels in the transportation sector. Both as a Board Member as an "on the ground" supporter of HCC, Mr. Shacat is a strong proponent of clean transportation. We have worked together on this issue via shared efforts between HCC and the Blue Planet Foundation. Ground transportation accounts for approximately 1/3 of Hawaii's fossil fuel consumption. Mr. Shacat's service with HCC demonstrates his appreciation for the urgent need to reduce fossil fuel consumption in Hawaii, by expanding our palette of clean transportation options. He has a deep understanding of technical and policy solutions for this critical need.

I also know Mr. Shacat from time shared together in the graduate Oceanography program at the School of Ocean and Earth Science and Technology at the University of Hawaii at Manoa. From this shared experience, I know that Mr. Shacat has rigorous analytical skills necessary to address environmental issues in addition to clean transportation. I am confident that he will serve as a capable and diligent member of the Environmental Council.

Thank you for this opportunity to testify.

Richard Wallsgrove



Program Director, Blue Planet Foundation

April 10, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawai'i State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard, Senator Ruderman and members of the Committee on Energy and Environment,

Thank you for the opportunity to write in support of Mr. Joseph Shacat's nomination to the Environmental Council.

Joseph and I were classmates and became great friends in the Executive MBA program at the University of Hawai'i, graduating in May, 2013. During this two-year period, I learned of Joseph's vast educational and professional experience, focusing on the environment. Whether speaking of his first graduate degree in Oceanography, his affiliation with Honolulu Clean Cities Coalition or his current position as Environmental Compliance Manager at Grace Pacific LLC, his passion for our environment and current environmental issues was evident. With the knowledge and experience that he portrayed, I knew he would be able to help our state find the necessary balance between economic growth and natural conservation. I'm hoping this is his opportunity.

Our MBA class spent innumerable hours together, often working in smaller groups. I was privileged to have worked very closely with Joseph throughout one semester, as we were assigned to the same small group. Joseph was a key player in every project we were given. A very diligent and efficient worker, our group knew that Joseph would come through to complete his tasks thoroughly and quickly. Consistently busy with work and other exterior hobbies and interests, Joseph always made school a priority. I admired his outstanding work ethic and yearning to continually grow and improve in his field of study.

Thank you again for your time in allowing me the opportunity to support a great friend and fellow University of Hawai'i alumni. Mr. Joseph Shacat certainly deserves this position and would undoubtedly be a great asset to ensure a bright future for our home state.

Sincerely,

Ashley Takitani

Sae Design – Marketing Innovation & Project Development
2261 Aupuni St. Ste. 101
Wailuku, HI 96793

April 09, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813


RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council.

I have had the pleasure of working with Joseph on the Board of Directors of Honolulu Clean Cities. He has been a dedicated member of this clean transportation non-profit and has shown a commitment to the environment and sustainability. He has approached all board matters with the attentiveness and logic necessary to make good, trustworthy decisions. I think he would be a great addition to the Environmental Council.

Sincerely,


Jenna Long
Supply Chain Manager
Pacific Biodiesel

April 10, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: Mr. Joseph Shacat's nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

I am writing to you today in support of Joseph Shacat's nomination to the Environmental Council. Joseph and I were cohorts at the University of Hawaii Shidler Executive MBA School. We graduated in 2013.

My current position is a Senior Supervising Engineer at Hawaiian Electric. I am an electrical engineer with over 23 years of experience. I grew up in Hawaii, attended engineering school in the mainland and worked in Silicon Valley, but returned in 2001 back home to the islands.

My recommendation is based on my work with Joseph at the University of Hawaii while attending MBA school. We were in the same group for one semester and I was able to work very closely with Joseph on several papers, presentations, and assignments. During this time, Joseph displayed an amazing knowledge of environmental policy and government regulations regarding the environment and other related subjects. He is extremely well spoken and was able to interact on a wide array of subjects in a very polished manner. Joseph was also a powerful team member and very well-liked by his peers.

I have absolutely no reservations in recommending Joseph to the Environmental Council and believe that his experience, hard work, and thirst for knowledge would be a very valuable asset.

Sincerely,

Paul Manfredi

April 8, 2014

Senator Mike Gabbard
Chair, Committee on Energy and Environment
Senate District 20
Hawaii State Capitol, Room 201
Honolulu, HI 96813

RE: GM652, Nomination to the Environmental Council

Dear Senator Gabbard and members of the Committee on Energy and Environment,

Thank you for taking the time to consider my nomination to the Environmental Council. Attached to this letter you will find my response to a set of questions sent to me by Senator Mike Gabbard. In the pages that follow, I provide information on my experience, qualifications, and motivations for serving on the Council. I am confident that once you understand more about who I am, you will come to the conclusion that the State of Hawaii will benefit through my service as a member of the Environmental Council.

I have had the privilege of living in Hawaii for nearly 13 years. While I am proud to call Hawaii my home, I am often humbled by the notion that living here comes with a great responsibility – our continued existence on the islands has the potential to damage the delicate ecosystems, the cultural heritage, and the diverse social networks that make Hawaii such a wonderful place to live and work.

There is a need for economic development to provide the infrastructure, housing, and employment opportunities necessary to accommodate Hawaii's growing population. The Environmental Council plays an important role in defining the framework around which Hawaii's future will be built. This framework must adequately address complex issues such as climate change, sea level rise, energy and food security, and the preservation of Native Hawaiian cultural resources. These challenges often pit economic development on one side, and environmental conservation on the other. The Environmental Council is tasked with balancing these competing interests with a standard of care that pays special attention to Hawaii's unique and fragile ecosystems.

With one foot in the past to understand the unique aspects of Hawaii's ecological, cultural, and economic history, and one foot in the future to help define the process by which growth and development are to occur, I take the responsibilities of the Environmental Council seriously. I consider this nomination a distinct honor and am very much looking forward to serving on the Council.

Sincerely,

Joseph Shacat

Questions Submitted by Senator Mike Gabbard

1. Why do you wish to be a member of the Environmental Council?

Serving on the Environmental Council is an opportunity to give back to the community, integrating my knowledge and understanding of Hawaii's environmental health with other members of the Council. I offer a unique and diverse set of experiences that will add contextual clarity to the Council's deliberations and decisions.

2. How do you perceive the role and responsibilities of a member of the Environmental Council?

The Environmental Council has three broadly defined responsibilities as outlined in HRS 341-6. These include acting as a liaison between the OEQC and the general public in matters concerning ecology and environmental quality, reviewing the state's progress toward achieving its environmental goals and policies, and administrative rulemaking authority to implement HRS 343. Individual members of the Council share a common goal of implementing these responsibilities.

In order for the overall Council to work effectively, individual members have to put forth the necessary time and effort to get the job done. For instance, in the past, the Council has had challenges achieving a quorum at their meetings. By simply attending the Council meetings, individual members help to ensure that Council business can be conducted by achieving a quorum. While "simply" attending the meetings is important, Council members need to be *fully* engaged with the activities of the Council by participating in one or more of the committees and staying up-to-date on current events that have the potential to impact Hawaii's environment. Additionally, Council members must ensure that their activities meet ethical considerations, such as Hawaii's Sunshine Law.

3. Given your understanding of the role and responsibilities of a member of the Environmental Council, why do you believe that you are qualified for the position? Please include a brief statement of your skills, expertise, or knowledge that would aid in your decision-making ability as a member of the Environmental Council

With graduate degrees in both Oceanography and Business Administration from the University of Hawaii at Manoa, I have an educational foundation that is well-suited to the challenges facing the Council. As the Environmental Compliance Manager at Grace Pacific LLC, I am intimately familiar with the environmental regulations that affect businesses in the industrial and construction sectors in Hawaii, and how those regulations protect human health and the environment. During my tenure at Grace Pacific, I have advocated for and accomplished systemic changes within the

company to reduce emissions, minimize waste, increase recycling, improve energy efficiency, and utilize alternative resources.

I have also played an active role in volunteer organizations associated with environmental quality. These include serving on the Board of Directors for Honolulu Clean Cities, on the Steering Committee for the Environmental Forum of the Associated General Contractors of America (AGC), and on the Environmental Committee for the General Contractors Association of Hawaii (GCA) and the National Asphalt Pavement Association (NAPA). Through these volunteer activities, I have been able to work closely with organizations that normally sit "across the table" from a private company, such as regulatory authorities and nonprofit organizations.

With this broad set of experiences, I have the ability to thoughtfully consider the implications of the Council's decisions from multiple perspectives. These might include the time it takes to plan for development, the environmental benefits of a given decision, the impact of increased regulatory burden, and the ways in which uncertainty in the permitting process can affect project financing.

4. What do you hope to accomplish during your term of service?

I am not entering this position with a set "agenda" per se. However, I would like to help shape policies that move Hawaii towards a more sustainable future, such as recycling, energy efficiency, alternative energy, and smart growth. With that said, I understand that the relatively short duration of this position (one year) limits the overall impact I might have.

5. Name three qualities that best describe you and that would make you stand out. How would these qualities benefit the Environmental Council?

Collaborative – I relish the opportunity to work as part of a larger group or team. Whether it's active participation through a brainstorming session, or delegation of tasks under a larger project, I believe that the best ideas, the best policies, are those that incorporate the ideas of multiple stakeholders. The act of collaboration helps to create a better end result than if one person works alone.

Thoughtful – With a strong background in science and philosophy, I am thoughtful of my actions and my words. I try to ensure that information upon which I make decisions is not just "fact-checked," but comes from a solid understanding of the underlying concepts. While emotion often drives the most contentious issues, it is important to take a step back, understand the relevant concepts and the underlying assumptions, try to find common ground if possible, and make decisions based on the best of our human understanding.

Respectful – I strive to treat others with respect, whether I agree with them or not. This is particularly important in the Environmental Council, since members may have deeply rooted opinions that sometimes conflict with each other on some matters. In order to work together with collaborative, thoughtful purpose, we need to respect each others' ideas and points of view.

6. Name one previous experience that would make you stand out. How would this benefit the Environmental Council?

My experience as a graduate student in oceanography is one distinguishing characteristic from my background. Through a mix of teaching, research, and academic coursework, I gained a solid understanding of the chemical, biological, and physical systems at work in the ocean such as global climate change, sea level rise, and marine ecology. These are all topics that have a direct bearing on Hawaii's environmental quality. Additionally, many of the concepts that I learned as an oceanography student can be applied to Hawaii's terrestrial environment, including groundwater resources, natural energy resources (i.e. solar, wind, geothermal, and wave energy), waste management, and invasive species control. With this aspect of my background, I will be able to offer informed opinions based on our scientific understanding of Hawaii's environment to the Council.

7. Can you foresee any possible conflicts of interests that could arise during your service on the Environmental Council? How would you overcome any possible conflicts of interest?

As a member of the Environmental Council, the possibility exists that I could be involved in some sort of official action that affects a business in which I have a substantial financial interest, such as my employer (Grace Pacific LLC) and its parent company (Alexander & Baldwin, Inc.). If such a conflict of interest were to arise, I would carefully review the relevant legal requirements (i.e., HRS 84-14) and, if necessary, recuse myself from any discussions, deliberations, and official votes on the matter.