



AD HOC COMMITTEE ON SUSTAINABILITY

May 7, 2018

12:30 P.M.

651 Pine Street, Room 101, Martinez

Supervisor John Gioia, Chair

Supervisor Federal D. Glover, Vice Chair

Agenda Items:

Items may be taken out of order based on the business of the day and preference of the Committee

1. Introductions
2. APPROVE Record of Action for meeting for March 26, 2018, meeting of the Ad Hoc Committee on Sustainability.
3. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes).
4. INTERVIEW applicants for the At-Large, Education/Research seat on the Sustainability Commission.
5. PROVIDE DIRECTION to staff regarding development of a Distributed Energy Resource Plan for County facilities.
6. CONSIDER staff report on strategies for reducing greenhouse gas emissions associated with warehouse facilities in the unincorporated County and PROVIDE DIRECTION.
7. DISCUSS and RECOMMEND to the Board of Supervisors a candidate for the At-Large, Education/Research seat on the Sustainability Commission
8. RECEIVE report from the Contra Costa County Sustainability Commission Chair.
9. RECEIVE update from the County's Sustainability Coordinator.
10. The next meeting is currently scheduled for July 23, 2018, 12:30 PM.
11. Adjourn

The Ad Hoc Committee on Sustainability will provide reasonable accommodations for persons with disabilities planning to attend Ad Hoc Committee on Sustainability meetings. Contact the staff person listed below at least 72 hours before the meeting.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the County to a majority of members of the Ad Hoc Committee on Sustainability less than 96 hours prior to that meeting are available for public inspection at 651 Pine Street, 1st floor, during normal business hours.

Public comment may be submitted via electronic mail on agenda items at least one full work day prior to the published meeting time.

Glossary of Acronyms, Abbreviations, and other Terms (in alphabetical order): Contra Costa County has a policy of making limited use of acronyms, abbreviations, and industry-specific language in meetings of its Board of Supervisors and Committees. Following is a list of commonly used abbreviations that may appear in presentations and written materials at meetings of the Ad Hoc Sustainability Committee:

AB Assembly Bill
ABAG Association of Bay Area Governments
ACA Assembly Constitutional Amendment
ADA Americans with Disabilities Act of 1990
BAAQMD Bay Area Air Quality Management District
BART Bay Area Rapid Transit District
BAYREN Bay Area Regional Energy Network
BCDC Bay Conservation & Development Commission
BDGP Bay-Delta Conservation Plan
BGO Better Government Ordinance (Contra Costa County)
BOS Board of Supervisors
CALTRANS California Department of Transportation
CARB California Air Resources Board
CAO County Administrative Officer or Office
CAP Climate Action Plan
CCA Community Choice
CCTA Contra Costa Transportation Authority
CCWD Contra Costa Water District
CDBG Community Development Block Grant
CEC California Energy Commission
CEQA California Environmental Quality Act
CPUC California Public Utilities Commission
CSA County Service Area
CSAC California State Association of Counties
DCD Contra Costa County Dept. of Conservation & Development
EBEW East Bay Energy Watch
EBMUD East Bay Municipal Utility District
EIR Environmental Impact Report (a state requirement)
EIS Environmental Impact Statement (a federal requirement)
FEMA Federal Emergency Management Agency
FTE Full Time Equivalent
FY Fiscal Year
GGRF Greenhouse Gas Reduction Funds
GHG Greenhouse Gas
GIS Geographic Information System
HOT High-Occupancy/Toll
HOV High-Occupancy-Vehicle
HSD Contra Costa County Health Services Department
IPM Integrated Pest Management
JPA/JEPA Joint (Exercise of) Powers Authority or Agreement
LAFCo Local Agency Formation Commission
LCC League of California Cities
LTMS Long-Term Management Strategy
MAC Municipal Advisory Council
MBE Minority Business Enterprise
MOA Memorandum of Agreement
MOE Maintenance of Effort
MOU Memorandum of Understanding
MTC Metropolitan Transportation Commission
NACo National Association of Counties
NEPA National Environmental Protection Act
PDA Priority Development Area
PV Photovoltaic
PWD Contra Costa County Public Works Department
RDA Redevelopment Agency or Area
RFI Request For Information
RFP Request For Proposals
RFQ Request For Qualifications
SB Senate Bill
SBE Small Business Enterprise
SGC Strategic Growth Council
TWIC Transportation, Water, and Infrastructure Committee

U.S. EPA United States Environmental Protection Agency
VMT Vehicle Miles Travel
WBE Women-Owned Business Enterprise

For Additional Information Contact:

Jody London, Sustainability Coordinator
Phone: (925) 674-7871
Jody.London@dcd.cccounty.us



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

2.

Meeting Date: 05/07/2018

Subject: APPROVE Record of Action for meeting for March 26, 2018, meeting of the Ad Hoc Committee on Sustainability.

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Jody London, DCD

Contact: Jody London (925)674-7871

Referral History:

County Ordinance (Better Government Ordinance 95-6, Article 25-205 [d]) requires that each County body keep a record of its meetings. Though the record need not be verbatim, it must accurately reflect the agenda and the decisions made in the meeting.

Referral Update:

Any handouts or printed copies of testimony distributed at the meeting will be attached to this meeting record. Links to the agenda and minutes will be made available at the Committee web page, <http://www.contracosta.ca.gov/6229/Sustainability>.

Recommendation(s)/Next Step(s):

Staff recommends approval of the attached Record of Action for the March 26, 2018, meeting of the Ad Hoc Committee on Sustainability with any necessary corrections.

Fiscal Impact (if any):

N/A

Attachments

01-22-18 SUS-COMM Mtg Minutes



RECORD OF ACTION

AD HOC COMMITTEE ON SUSTAINABILITY

**January 22, 2018
12:30 P.M.**

651 Pine Street, Room 101, Martinez

**Supervisor John Gioia, Chair
Supervisor Federal D. Glover, Vice Chair**

Agenda Items:

Items may be taken out of order based on the business of the day and preference of the Committee

Present: John Gioia, Chair
Federal D. Glover, Vice Chair

Staff Present: Jill Ray, BOS District 2
Frank DiMassa, Energy Manager, Public Works Department
Michael Kent, Hazardous Materials Ombudsman, Health Services
Department
Jody London, Sustainability Coordinator

Attendees: Jan Warren
Shoshana Wechsler
Victoria Smith
Mark Thomson
J.R. Killigrew
Howdy Goudey
Charles Davidson

1. Introductions
2. Staff recommends approval of the attached Record of Action for the November 13, 2018, meeting of the Ad Hoc Committee on Sustainability with any necessary corrections.

The Record of Action was approved as submitted.

Vice Chair Federal D. Glover,

AYE: Chair John Gioia, Vice Chair Federal D. Glover
Passed

3. Public comment on any item under the jurisdiction of the Committee and not on this agenda (speakers may be limited to three minutes).

There was no public comment.

4. RECEIVE information on costs and benefits of enrolling in MCE Deep Green and an evaluation of an alternative course of action to achieve Climate Action Plan goals and PROVIDE DIRECTION regarding next steps.

J.R. Killigrew, Community Development Manager with MCE, provided an update on the timeline for switching customers to MCE service. The first round of ads will be posted online in January, with notices going to customers in February and March. The actual switch to MCE service will occur as customers' meters are read in April. There will be two more notices mailed to customers after the switch. MCE is attending as many community events as possible. Jody London noted that MCE is providing training sessions for city and County staff who may receive questions from the public. MCE also is establishing three Community Leadership Advisory Groups across the County.

Frank DiMassa provided a report on the advantages and costs of switching all eligible County accounts to MCE's Deep Green service. DiMassa recommends the County wait for one year before considering Deep Green. The County should use that time to develop and implement a distributed energy resource (DER) plan. This plan would include:

- **Grid-connected renewable energy resources, especially solar and energy efficiency**
- **Energy storage**
- **Electric vehicles**
- **Demand response**

DiMassa explained that the County currently owns or has power purchase agreements (PPAs) for a little over 5 megawatts (MW) of solar energy. Some of those systems were installed in 2002 and are being taken offline.

In December the Board authorized the Department of Public Works to take advantage of an opportunity created by the California Public Utilities Commission for schools and municipalities to sign up for interconnection agreements for solar installations under the current tariff, before it changes. The County submitted 12 interconnection agreements for 5 MW.

Specific to MCE's Deep Green service, the Board would need to budget for the additional cost, which is estimated to be about \$404,000. Public Works estimates that purchasing solar power under a power purchase agreement would save the County \$412,000 against current PG&E rates. DiMassa recommends that the County install the solar projects, which will reduce the amount of electricity the County is purchasing, and then re-evaluate the Deep Green option. DiMassa also recommends that the Ad Hoc Committee direct staff to develop a Distributed Energy Resources Plan, which could be presented at the Committee's March 26 meeting.

5. RECEIVE report on preparation of an Electric Vehicle Readiness Blueprint.

Jody London reported that County staff is working with the Contra Costa Transportation Authority (CCTA) on two grant applications for funding to support development of an Electric Vehicle Readiness Blueprint. The grant applications are due in February.

6. RECEIVE report from the Contra Costa County Sustainability Commission Chair.

Victoria Smith reviewed the Sustainability Commission's annual report and work plan, which were approved by the Board of Supervisors earlier in January. Smith reported that individual Commission members are investigating issues of interest to them and making recommendations to the Commission for future action. Smith pointed out the tracking tool the Sustainability Commission is using to monitor progress in meeting Climate Action Plan goals.

Smith suggested there are issues on which the Board may want to receive input from the Sustainability Commission before it takes action, for example taking service under MCE's Deep Green tariff.

7. RECEIVE update on Renewable Resource Potential Study.

Jody London reported that staff is completing contract negotiations with Meister Consultants Group, a Cadmus company, and hopes to begin work soon.

8. RECEIVE update from the County's Sustainability Coordinator.

Jody London reviewed the items in the written report included with the agenda.

Michael Kent reported that the Hazardous Materials Commission has been talking about school siting. Kent noted the Resilient by Design challenge has chosen North Richmond for a design project; an advisory group is beginning to meet in relation to that project. Kent also noted the regional Adapting to Rising Tides (ART) study being performed by the Bay Conservation and Development Commission. He confirmed with the Committee that governance issues being discussed in the regional ART process should be brought to the Ad Hoc Committee on Sustainability.

Charles Davidson noted that the U.S. Environmental Protection Agency is determining whether the Selby Slag Superfund site can be repurposed.

9. The next meeting is currently scheduled for Monday, March 26, 2018, 12:30 p.m.

10. Adjourn

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For Additional Information Contact:

Jody London, Sustainability Coordinator
Phone: (925) 674-7871
Jody.London@dcd.cccounty.us



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

4.

Meeting Date: 05/07/2018

Subject: INTERVIEW candidates for the vacancy in the At-Large, Education/Research seat on the Sustainability Commission.

Submitted For: John Kopchik, Director, Conservation & Development Department

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Jody London, DCD

Contact: Jody London (925) 674-7871

Referral History:

On November 15, 2016, the Board of Supervisors approved the creation of the Contra Costa County Sustainability Commission. The function of the Sustainability Commission is to:

- Provide advice to staff and the Board on successful implementation of the Climate Action Plan, including suggestions on how that work can be performed more efficiently and effectively.
- Advise the Board on opportunities to realize equity and fairness across the diverse communities of Contra Costa County in sustainability programs that support the Climate Action Plan.
- Provide suggestions to staff and the Board on how to better engage Contra Costa County residents and businesses on sustainability issues and implementation of the Climate Action Plan.

On March 14, 2017, the Board of Supervisors amended the composition of the Sustainability Commission so that there are eleven members and five alternates, selected as follows:

- Five District representatives nominated by individual members of the Board of Supervisors (representatives must be a resident of that district);
- Five District alternates nominated by individual members of the Board of Supervisors (alternates must be a resident of that district);
- Two members representing community groups whose mission includes sustainability and/or environmental issues;
- Two members representing commercial groups or organizations whose business focuses on sustainability and/or environmental issues;
- One member representing environmental justice issues and who lives in a disadvantaged community; and

- One member who is a resident of Contra Costa County and represents an education institution in Contra Costa County or a research institution in Contra Costa or a neighboring County.

On March 14, 2017, the Board of Supervisors appointed Scott Warfe to the Education/Research seat on the County's Sustainability Commission. On February 27, 2018, Mr. Warfe notified the County Sustainability Coordinator that he is no longer able to serve on the Sustainability Commission. Consistent with the Sustainability Commission Bylaws, the Sustainability Coordinator shared this information with the Clerk of the Board and the Chair of the Sustainability Commission. On March 20, 2018, the Board of Supervisors declared a vacancy on the Sustainability Commission and directed the Clerk of the Board to post it.

Referral Update:

The Clerk of the Board posted the Sustainability Commission vacancy in March 2018. The vacancy was advertised on the County's web site and circulated through social media and direct outreach to the Sustainability Commission and individuals who are on the service lists for the Ad Hoc Committee on Sustainability and the Sustainability Commission. The application deadline was April 24, 2018. Three people applied for the At-Large, Education and Research seat. Attachment A contains the applications received by the Clerk of the Board, with personal contact information redacted.

Recommendation(s)/Next Step(s):

INTERVIEW candidates for the At-Large, Education/Research seat on the Contra Costa County Sustainability Commission.

Fiscal Impact (if any):

None.

Attachments

Susan Rideout Application

Pierre Bull Application

Kimberly Hazard Application



Contra
Costa
County

For Office Use Only
Date Received:

For Reviewers Use Only:
Accepted Rejected

BOARDS, COMMITTEES, AND COMMISSIONS APPLICATION

MAIL OR DELIVER TO:

Contra Costa County
CLERK OF THE BOARD
661 Pine Street, Rm. 106
Martinez, California 94533-1292
PLEASE TYPE OR PRINT IN INK
(Each Position Requires a Separate Application)

BOARD, COMMITTEE OR COMMISSION NAME AND SEAT TITLE YOU ARE APPLYING FOR:

Sustainability Commission

Education or Research Institution

PRINT EXACT NAME OF BOARD, COMMITTEE, OR COMMISSION

PRINT EXACT SEAT NAME (if applicable)

1. Name: Fideout Susan
(Last Name) (First Name) (Middle Name)
2. Address: [REDACTED] Danville CA 94506
(No.) (Street) (Apt.) (City) (State) (Zip Code)
3. Phones: [REDACTED] [REDACTED]
(Home No.) (Work No.) (Cell No.)
4. Email Address: [REDACTED]

5. **EDUCATION:** Check appropriate box if you possess one of the following:

High School Diploma ☒ G.E.D. Certificate ☐ California High School Proficiency Certificate ☐

Give Highest Grade or Educational Level Achieved: Master of Science

Names of colleges / universities attended	Course of Study / Major	Degree Awarded	Units Completed		Degree Type	Date Degree Awarded
			Semester	Quarter		
A) University of California, Berkeley	Nutrition and Food Science	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	10		BS	6/1988
B) Boston University	Clinical Dietetics	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	4		MS	6/1990
C) [REDACTED]	[REDACTED]	Yes No <input type="checkbox"/> <input type="checkbox"/>				
D) Other schools / training completed: California State University, East Bay and UC Berkeley Extension	Course Studied Education/Career Technical Education	Hours Completed Single Subject Science and CTE Credentials	Certificate Awarded: Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>			

6. PLEASE FILL OUT THE FOLLOWING SECTION COMPLETELY. List experience that relates to the qualifications needed to serve on the local appointive body. Begin with your most recent experience. A resume or other supporting documentation may be attached but it may not be used as a substitute for completing this section.

<p>A) Dates (Month, Day, Year)</p> <p>From <input type="text"/> To <input type="text"/></p> <p><input type="text"/> 8/2014 <input type="text"/> present</p> <p>Total: Yrs. <input type="text"/> Mos. <input type="text"/></p> <p><input type="text"/> 3 <input type="text"/> 8</p> <p>Hrs. per week <input type="text"/> 40 . Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Science Teacher</p> <p>Employer's Name and Address</p> <p>Alhambra High School 150 E Street Martinez, CA 94553</p>	<p>Duties Performed</p> <p>Teach Biology, Chemistry and Public Health</p>
<p>B) Dates (Month, Day, Year)</p> <p>From <input type="text"/> To <input type="text"/></p> <p><input type="text"/> 10/2013 <input type="text"/> 6/2014</p> <p>Total: Yrs. <input type="text"/> Mos. <input type="text"/></p> <p><input type="text"/> <input type="text"/> 8</p> <p>Hrs. per week <input type="text"/> 20 . Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Science Teacher</p> <p>Employer's Name and Address</p> <p>Concord High School 4500 Concord Blvd Concord, CA 94521</p>	<p>Duties Performed</p> <p>While completing credential program, served as long-term substitute in Chemistry.</p>
<p>C) Dates (Month, Day, Year)</p> <p>From <input type="text"/> To <input type="text"/></p> <p><input type="text"/> <input type="text"/></p> <p>Total: Yrs. <input type="text"/> Mos. <input type="text"/></p> <p><input type="text"/> <input type="text"/></p> <p>Hrs. per week <input type="text"/> . Volunteer <input type="checkbox"/></p>	<p>Title</p> <p><input type="text"/></p> <p>Employer's Name and Address</p> <p><input type="text"/></p>	<p>Duties Performed</p> <p><input type="text"/></p>
<p>D) Dates (Month, Day, Year)</p> <p>From <input type="text"/> To <input type="text"/></p> <p><input type="text"/> <input type="text"/></p> <p>Total: Yrs. <input type="text"/> Mos. <input type="text"/></p> <p><input type="text"/> <input type="text"/></p> <p>Hrs. per week <input type="text"/> . Volunteer <input type="checkbox"/></p>	<p>Title</p> <p><input type="text"/></p> <p>Employer's Name and Address</p> <p><input type="text"/></p>	<p>Duties Performed</p> <p><input type="text"/></p>

7. How did you learn about this vacancy?

☐ CCC Homepage ☐ Walk-In ☐ Newspaper Advertisement ☒ District Supervisor ☐ Other

8. Do you have a Familial or Financial Relationship with a member of the Board of Supervisors? (Please see Board Resolution no. 2011/55, attached): No ☒ Yes ☐

If Yes, please identify the nature of the relationship:

9. Do you have any financial relationships with the County such as grants, contracts, or other economic relations? No ☒ Yes ☐

If Yes, please identify the nature of the relationship:

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge and understand that all information in this application is publically accessible. I understand and agree that misstatements / omissions of material fact may cause forfeiture of my rights to serve on a Board, Committee, or Commission in Contra Costa County.

Sign Name: _____ Date: _____

Important Information

1. This application is a public document and is subject to the California Public Records Act (CA Gov. Code §6250-6270).
2. Send the completed paper application to the Office of the Clerk of the Board at 651 Pine Street, Room 106, Martinez, CA 94553.
3. A résumé or other relevant information may be submitted with this application.
4. All members are required to take the following training: 1) The Brown Act, 2) The Better Government Ordinance, and 3) Ethics Training.
5. Members of boards, commissions, and committees may be required to: 1) file a Statement of Economic Interest Form also known as a Form 700, and 2) complete the State Ethics Training Course as required by AB 1234.
6. Advisory body meetings may be held in various locations and some locations may not be accessible by public transportation.
7. Meeting dates and times are subject to change and may occur up to two days per month.
8. Some boards, committees, or commissions may assign members to subcommittees or work groups which may require an additional commitment of time.

THIS FORM IS A PUBLIC DOCUMENT

**THE BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, CALIFORNIA and for
Special Districts, Agencies and Authorities Governed by the Board Adopted Resolution
no. 2011/55 on 2/08/2011 as follows:**

**IN THE MATTER OF ADOPTING A POLICY MAKING FAMILY MEMBERS OF THE BOARD OF SUPERVISORS INELIGIBLE
FOR APPOINTMENT TO BOARDS, COMMITTEES OR COMMISSIONS FOR WHICH THE BOARD OF SUPERVISORS IS THE
APPOINTING AUTHORITY**

WHEREAS the Board of Supervisors wishes to avoid the reality or appearance of improper influence or favoritism;

NOW, THEREFORE, BE IT RESOLVED THAT the following policy is hereby adopted:

I. SCOPE: This policy applies to appointments to any seats on boards, committees or commissions for which the Contra Costa County Board of Supervisors is the appointing authority.

II. POLICY: A person will not be eligible for appointment if he/she is related to a Board of Supervisors' Member in any of the following relationships:

1. Mother, father, son, and daughter;
2. Brother, sister, grandmother, grandfather, grandson, and granddaughter;
3. Great-grandfather, great-grandmother, aunt, uncle, nephew, niece, great-grandson, and great-granddaughter;
4. First cousin;
5. Husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepson, and stepdaughter;
6. Sister-in-law (brother's spouse or spouse's sister), brother-in-law (sister's spouse or spouse's brother), spouse's grandmother, spouse's grandfather, spouse's granddaughter, and spouse's grandson;
7. Registered domestic partner, pursuant to California Family Code section 297.
8. The relatives, as defined in 5 and 6 above, for a registered domestic partner.
9. Any person with whom a Board Member shares a financial interest as defined in the Political Reform Act (Gov't Code §87103, Financial Interest), such as a business partner or business associate.

Susan Rideout

[REDACTED]
Danville, CA 94506

April 15, 2018

Department of Conservation and Development
30 Muir Road
Martinez, CA 94553

Dear Sustainability Committee Members,

It is a privilege to submit this application for your review, and to be considered to serve on the Contra Costa County Ad Hoc Sustainability Committee, filling the At-Large, Education or Research Institution seat. As a science educator, I believe there is nothing more important I can instill in my students than a sense of responsibility to care for our planet. Fortunately, my colleagues recognized this, and numerous standards addressing climate change have been included in the new set of science standards (Next Generation Science Standards) recently adopted by the State of California. (See list of climate change standards for high school that follow this letter.) To that end, I have included climate change lessons in all my classes, and it is through that work that I first learned of the Sustainability Committee.

At Alhambra High School, I teach in a Health and Medicine pathway, and in addition to teaching biology and chemistry, I teach the senior Public Health course that serves as the capstone to the pathway. For the last two school years, my students have been involved in efforts to improve air quality (and ultimately reduce greenhouse gas emissions) in the community. We have successfully worked with both our school district and The City of Martinez to adopt vehicle idle-reduction policies, and a group of my students recently completed independent research to evaluate the effectiveness of the Bay Area Idle Free pledge that the county board of supervisors took last year. Through these activities, I have witnessed first hand the power of youth when they are supported and encouraged to use their voices. History has shown us many examples of change driven by young people, and I have been inspired by what my students have been able to accomplish. Maintaining the health of our planet has to be part of the very core of science learning from the earliest stages, and I would be proud to be part of the dialog in promoting the needs in our community and ensuring that our young people are listening.

Attached please find my resume for your review. I believe that my background in science, my passion for science education and the knowledge I have gained through curriculum development for climate change instruction will allow me to contribute to the work of the committee in a meaningful way. I am grateful that our county recognizes the importance of this work and has convened this committee to ensure that our community does its part in reducing climate change. Thank you for your consideration.

Sincerely,

Susan Rideout

Next Generation Science Standards (www.nextgenscience.org)

High School standards related to Climate Change

- 1) Construct an explanation based on evidence for how the availability of natural resource, occurrence of natural hazards, and changes in climate have influenced human activity.
- 2) Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.
- 3) Analyze geoscience data and the results from global climate models to make an evidence-based forecast of the current rate of global or regional climate change and associated future impacts to Earth's systems.
- 4) Use computational representation to illustrate the relationship among Earth systems and how those relationships are being modified due to human activity.

NOTE: There are elementary and middle school standards as well that can be viewed using the website above.

Susan Rideout, MS, RD

[REDACTED], Danville, CA 94506
[REDACTED]
[REDACTED]

EDUCATION

University of California, Berkeley, BS in Nutrition and Food Science, 1988

Boston University, MS in Nutrition, 1990

Dietetic Internship, University of California, San Francisco, 1990-1991

California State University, East Bay, Single Subject Credentials in Biology, Chemistry, 2014

University of California, Berkeley, Career Technical Education Credential, 2017

CERTIFICATIONS

Registered Dietitian, 1991-present

Certified Diabetes Educator, 1993-2017

EXPERIENCE

Science Teacher, Alhambra High School, Martinez, CA, 2014-present

- Develop curriculum and teach all courses in CTE Health and Medicine Pathway including Medical Biology, Medical Chemistry and Public Health Honors (capstone course)
- Coordinate student internships within community organizations for full class of Public Health students during their school day
- Provide project-based learning experiences in all classes each semester
- Developing NGSS curriculum for Biology and Chemistry to transition to California framework three-course model
- Serve as advisor to student-run UNICEF Club
- Participate in Student/Staff Partnership run by leadership students to improve campus culture

Idle-Free Air Quality and Climate Change Initiative, Martinez, CA, 2017-present:

- Coordinate student-driven project to improve local air quality and fight climate change by reducing vehicle idling within the community, including successfully having Martinez Unified School District Board of Directors pass an idle-free resolution in June 2017 and the City of Martinez pass a similar idle-free proclamation in January of 2018. Students also work with Contra Costa County Sustainability Commission to promote best practices.

Science Teacher, Concord High School, Concord, CA, 2013-2014

- Filled half time general chemistry position as a long-term substitute (November through June)
- Completed student teaching experience in biology

Diabetes Educator and Outpatient Nutrition Counselor, University of California, San Francisco, Medical Center, San Francisco, CA, 1991-1994

- Diabetes Educator for the UCSF Diabetes Center and outpatient clinics, including group and individual counseling, provided nutrition counseling for specialty clinics, instructed group weight management program

LEADERSHIP/COMMUNITY SERVICE/AWARDS

Member, Education Task Force, Multi-faith Action Coalition of Contra Costa County, 2016-present

Monitor local and state legislation and advocate on behalf of low income and typically underrepresented groups to improve equity in education, college access and early childhood programs

Vice President, Board of Directors, Temple Isaiah, Lafayette, CA, 2016-present, 2010-2013, and Member, Board of Directors 2000-2003

Currently responsible for oversight of youth education programs including preschool, teen school and general religious school, previously involved in management of the facility and fundraising, negotiated contracts with vendors, managed facilities coordinator, oversaw opening of Gan Ilan Preschool in 1999

Alpha Delta Kappa Excellence in Student Teaching Scholarship, March, 2014

Awarded scholarship by Peralta Chapter of Alpha Delta Kappa in recognition of outstanding professional performance during the student teaching experience

Math/Science Tutor, Contra Costa Interfaith Housing, Garden Park Apartments, 2011-present

Tutored middle school students in after school homework program, recruit Alhambra High School students to serve as Homework Club volunteers

PROFESSIONAL DEVELOPMENT

- Teachers Research Academy - Biotechnology, Lawrence Livermore Lab, summer 2017
- Positive Prevention Plus, Sexual Health Education training, spring 2017
- Buck Institute of Education, Advanced Training for Project Based Learning, 2016-2017
- High Tech High, Spring Institute, 2016
- Fulfill continuing education requirements to maintain Registered Dietitian certification

PROFESSIONAL AFFILIATIONS

National Association of Biology Teachers, 2014-present

American Association of Chemistry Teachers, 2014-present

National Science Teachers Association, 2013-present

American Dietetic Association, 1990 – present



Contra
Costa
County

For Office Use Only
Date Received:

For Reviewers Use Only:
Accepted Rejected

BOARDS, COMMITTEES, AND COMMISSIONS APPLICATION

MAIL OR DELIVER TO:

Contra Costa County

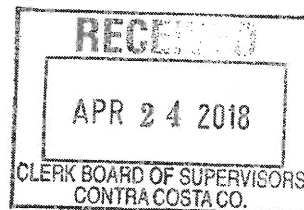
CLERK OF THE BOARD

651 Pine Street, Rm. 106

Martinez, California 94553-1292

PLEASE TYPE OR PRINT IN INK

(Each Position Requires a Separate Application)



BOARD, COMMITTEE OR COMMISSION NAME AND SEAT TITLE YOU ARE APPLYING FOR:

Sustainability Commission

At-Large, Education or Research Institution

PRINT EXACT NAME OF BOARD, COMMITTEE, OR COMMISSION

PRINT EXACT SEAT NAME (if applicable)

1. Name: BULL PIERRE DENNIS
(Last Name) (First Name) (Middle Name)

2. Address: [REDACTED] PLEASANT HILL, CA 94523
(No.) (Street) (Apt.) (City) (State) (Zip Code)

3. Phones: [REDACTED] [REDACTED] [REDACTED]
(Home No.) (Work No.) (Cell No.)

4. Email Address: [REDACTED]

5. **EDUCATION:** Check appropriate box if you possess one of the following:

High School Diploma ☒ G.E.D. Certificate ☐ California High School Proficiency Certificate ☐

Give Highest Grade or Educational Level Achieved Master of Science

Names of colleges / universities attended	Course of Study / Major	Degree Awarded	Units Completed		Degree Type	Date Degree Awarded
			Semester	Quarter		
A) University of Illinois at Urbana-Champaign	Natural Resources and Environmental Science	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	120		B.S.	05 / 2003
B) University of Michigan Ann Arbor	Natural Resource Policy and Behavior	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	48		M.S.	04 / 2005
C) [REDACTED]	[REDACTED]	Yes No <input type="checkbox"/> <input type="checkbox"/>				
D) Other schools / training completed:	Course Studied	Hours Completed	Certificate Awarded:			
Building Operator Certification Level I (2006)	Building Operations (HVAC, Energy Systems)	48	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>			

6. PLEASE FILL OUT THE FOLLOWING SECTION COMPLETELY. List experience that relates to the qualifications needed to serve on the local appointive body. Begin with your most recent experience. A resume or other supporting documentation may be attached but it may not be used as a substitute for completing this section.

<p>A) Dates (Month, Day, Year)</p> <p>From To</p> <p>08/14/17 Current</p> <p>Total: Yrs. Mos.</p> <p>0 8</p> <p>Hrs. per week 40 Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Senior Project Manager</p> <p>Employer's Name and Address</p> <p>Center for Sustainable Energy (CSE) 9325 Sky Park Court, Suite 100 San Diego, CA 92123</p>	<p>Duties Performed</p> <p>Lead project manager on a multi-year \$4.5 million-dollar demand response and storage technology demonstration project for hotels and public schools in Southern California. Conduct project research, write project reports, and present to relevant energy industry audiences.</p>
<p>B) Dates (Month, Day, Year)</p> <p>From To</p> <p>6/20/16 8/2/17</p> <p>Total: Yrs. Mos.</p> <p>1 1</p> <p>Hrs. per week 40 Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Senior Public Utilities Regulatory Analyst</p> <p>Employer's Name and Address</p> <p>California Public Utilities Commission (CPUC) 505 Van Ness, San Francisco, CA 94102</p>	<p>Duties Performed</p> <p>Led staff research, analysis and proposal on a societal cost test for assessing utility program cost effectiveness. Performed cost effectiveness evaluation on investor-owned utilities demand response 2018-2022 program proposals. Conducted interagency demand response policy coordination duties.</p>
<p>C) Dates (Month, Day, Year)</p> <p>From To</p> <p>8/25/08 2/29/16</p> <p>Total: Yrs. Mos.</p> <p>7 6</p> <p>Hrs. per week 40 Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Energy Policy Analyst</p> <p>Employer's Name and Address</p> <p>Natural Resources Defense Council (NRDC) 40 West 20th Street, 11th floor, New York, NY 10011</p>	<p>Duties Performed</p> <p>Led NRDC California policy positioning and advocacy on distributed energy resources (DER). Served as a governing Board member of the Green-e® Energy market certification program and the Low Impact Hydropower Institute (LIHI®). Conducted research and developed quarterly outreach reports on clean energy jobs created throughout U.S.</p>
<p>D) Dates (Month, Day, Year)</p> <p>From To</p> <p>11/7/05 7/25/08</p> <p>Total: Yrs. Mos.</p> <p>2 7</p> <p>Hrs. per week 40 Volunteer <input type="checkbox"/></p>	<p>Title</p> <p>Project Manager</p> <p>Employer's Name and Address</p> <p>New York State Energy Research and Development Authority (NYSERDA) 17 Columbia Circle, Albany, NY 12203</p>	<p>Duties Performed</p> <p>Directed program design and implementation of \$10 million "Greening the Bronx" tree planting project. Conducted energy efficiency program outreach to data centers, laboratories, and hospital institutions throughout New York State. Conducted research on promulgating NYS appliance efficiency standards.</p>

7. How did you learn about this vacancy?

☐ CCC Homepage ☐ Walk-In ☐ Newspaper Advertisement ☐ District Supervisor ☒ Other Heather Rosmarin

8. Do you have a Familial or Financial Relationship with a member of the Board of Supervisors? (Please see Board Resolution no. 2011/55, attached): No ☒ Yes ☐

If Yes, please identify the nature of the relationship:

9. Do you have any financial relationships with the County such as grants, contracts, or other economic relations? No ☒ Yes ☐

If Yes, please identify the nature of the relationship:

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge and understand that all information in this application is publically accessible. I understand and agree that misstatements / omissions of material fact may cause forfeiture of my rights to serve on a Board, Committee, or Commission in Contra Costa County.

Sign Name: Pierre Bull Date: 4/24/18

Important Information

1. This application is a public document and is subject to the California Public Records Act (CA Gov. Code §6250-6270).
2. Send the completed paper application to the Office of the Clerk of the Board at **651 Pine Street, Room 106, Martinez, CA 94553**.
3. A résumé or other relevant information may be submitted with this application.
4. All members are required to take the following training: 1) The Brown Act, 2) The Better Government Ordinance, and 3) Ethics Training.
5. Members of boards, commissions, and committees may be required to: 1) file a Statement of Economic Interest Form also known as a Form 700, and 2) complete the State Ethics Training Course as required by AB 1234.
6. Advisory body meetings may be held in various locations and some locations may not be accessible by public transportation.
7. Meeting dates and times are subject to change and may occur up to two days per month.
8. Some boards, committees, or commissions may assign members to subcommittees or work groups which may require an additional commitment of time.

**THE BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, CALIFORNIA and for
Special Districts, Agencies and Authorities Governed by the Board Adopted Resolution
no. 2011/55 on 2/08/2011 as follows:**

IN THE MATTER OF ADOPTING A POLICY MAKING FAMILY MEMBERS OF THE BOARD OF SUPERVISORS INELIGIBLE FOR APPOINTMENT TO BOARDS, COMMITTEES OR COMMISSIONS FOR WHICH THE BOARD OF SUPERVISORS IS THE APPOINTING AUTHORITY

WHEREAS the Board of Supervisors wishes to avoid the reality or appearance of improper influence or favoritism;
NOW, THEREFORE, BE IT RESOLVED THAT the following policy is hereby adopted:

- I. SCOPE: This policy applies to appointments to any seats on boards, committees or commissions for which the Contra Costa County Board of Supervisors is the appointing authority.
- II. POLICY: A person will not be eligible for appointment if he/she is related to a Board of Supervisors' Member in any of the following relationships:
1. Mother, father, son, and daughter;
 2. Brother, sister, grandmother, grandfather, grandson, and granddaughter;
 3. Great-grandfather, great-grandmother, aunt, uncle, nephew, niece, great-grandson, and great-granddaughter;
 4. First cousin;
 5. Husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepson, and stepdaughter;
 6. Sister-in-law (brother's spouse or spouse's sister), brother-in-law (sister's spouse or spouse's brother), spouse's grandmother, spouse's grandfather, spouse's granddaughter, and spouse's grandson;
 7. Registered domestic partner, pursuant to California Family Code section 297.
 8. The relatives, as defined in 5 and 6 above, for a registered domestic partner.
 9. Any person with whom a Board Member shares a financial interest as defined in the Political Reform Act (Gov't Code §87103, Financial Interest), such as a business partner or business associate.


Pleasant Hill, CA 94523

April 24, 2018

Contra Costa County
Clerk of the Board
651 Pine Street
1st Floor, Room 106
Martinez, CA 94553

Dear Clerk of the Board of Contra Costa County:

I am writing to express my strong interest in applying for the At-Large, Education or Research Institution seat on the Contra Costa County Sustainability Commission.

I have over fifteen years of professional experience doing clean and renewable energy research, education, policy analysis and program implementation at the local, city, and state level. During this time, I also engaged on interrelated environmental sustainability issues that included soil and water conservation, urban tree planting, solid waste reduction, energy equity, and local air quality mitigation.

My current employer, the Center for Sustainable Energy (CSE), is well-known for leading consumer education and outreach efforts on clean vehicle purchasing as the primary implementer of the California Clean Vehicle Rebate Program with oversight from the California Air Resources Board. The organization's extensive capacity to provide research, education, and outreach lies at the core of my job at CSE to provide our range of stakeholders – customers, technology providers, utilities, and policymakers – useful information that they need to make prudent investments in new distributed energy resources (“DER”) that improve the resilience and reliability of the power grid and reduce our energy use impacts on the environment.

Upon attending the Monday, April 23, 2018 meeting, I saw the deliberative conversation take place toward driving one of the key charges of the Sustainability Commission – to ensure that the Contra Costa County Climate Action Plan (2015) is implemented in a manner that is fiscally prudent, efficient, and effectively sustained to achieve the county's ambitious climate and clean energy goals in the years and decades ahead. Relevant organizational advisory and steering experience I have in relation to this Commission include serving on the advisory boards of the Center for Resource Solutions, Green-e® renewable energy credit certification program and the Low Impact Hydropower Institute. Relevant technical experience includes: from 2008-2009, as a policy analyst at the Natural Resources Defense Council (NRDC), I advised the City of New York, Mayor Bloomberg Administration on the PlaNYC 2050 first interim assessment report, analyzing the impacts of state energy efficiency and renewable energy policies from 2010 to 2030; and from 2004-2005, co-leading research, analysis and outreach on the State of Michigan's first comprehensive Greenhouse Gas inventory (toward fulfilling my Masters of Science program capstone thesis project).

I am excited about the potential opportunity to serve my local community by advising on the broad scope of issues, goals and challenges that the Contra Costa County Sustainability Commission encompasses. I appreciate your time and care in reviewing my application, and would be happy to provide further information upon request.

Sincerely,

Pierre Bull

Pierre Bull

Pierre D. Bull

Phone: [REDACTED]
E-mail: [REDACTED]

Professional Experience

Center for Sustainable Energy (CSE)

Oakland, CA

Senior Project Manager

2017-current

- Lead manager on a \$6 million demand response and storage technology demonstration project, co-funded by a California Energy Commission (CEC) Electric Program Investment Charge (EPIC) grant, in partnership with Tesla Inc., Conectric Networks, Olivine Inc. and DNV GL at hotel and public-school sites in Southern California.
- Manage a full-time, direct staff-report, assistant project manager.
- Conduct project research, develop educational reports, and present project findings to diverse stakeholders including technology developers, investors, end-use customers, government and utilities.

California Public Utilities Commission (CPUC)

San Francisco, CA

Senior Regulatory Analyst

2016-2017

- Proposed a new cost effectiveness measurement tool for CPUC consideration, the societal cost test, as co-author on an Energy Division Staff Whitepaper.
- Performed cost effectiveness analysis and evaluation on California's investor-owned utilities' 2018-2022 demand response program portfolio applications (proceeding A.17-01-012).
- Addressed interagency demand response resource planning and accounting misalignments between the CPUC and California Independent System Operator (CAISO).

Natural Resources Defense Council (NRDC)

New York, NY and San Francisco, CA

Energy Policy Analyst

2008-2011 (NY); 2011-2016 (CA)

- Led NRDC California policy advocacy on demand response, distributed storage, electric vehicle-to-grid and net energy metering (NEM).
- Provided internal policy and market analysis reports, which informed institutional advocacy priorities and positions on the EPA Clean Power Plan, federal renewable energy tax credits (e.g. ITC, PTC), state RPS's and rooftop solar net metering.
- Served as a governing Board member of the Green-e® renewable energy credit certification program and the Low Impact Hydropower Institute (LIHI®).
- Established and operated a clean energy jobs accounting and media-communications campaign with NRDC sister organization, Environmental Entrepreneurs, from 2012 to 2014.
- Co-led a coalition of New York clean energy, business and environmental advocates on a successful, 4-year solar deployment policy campaign, culminating in the "NY-Sun Initiative" that began statewide implementation in 2013.

New York State Energy Research and Development Authority (NYSERDA)

Albany and New York, NY

Project Manager

2005 to 2008

- Directed the program design and implementation of "Greening the Bronx", a \$10 million project that planted 5,000 street trees to mitigate air-conditioning load impacts resulting from the urban heat island effect.
- Researched and implemented energy efficiency and demand reduction opportunities for organizations in health care and high-tech industry sectors throughout New York State.
- Led analytical research on the economic and environmental impacts of state appliance standards with the NY Dept. of State (the implementing authority) for lighting products and consumer electronics authorized under the New York State Appliance Efficiency Law of 2005.

Public Agencies and Policymaking Arenas

California Public Utilities Commission (CPUC)	2011-current
California Energy Commission (CEC)	2011-current
California Independent System Operator (CAISO) / Federal Energy Regulatory Commission (FERC)	2013-current
California State Legislature	2012-2014
U.S. Environmental Protection Agency (EPA)	2014-2015
U.S. Dept. of Energy (DOE)	2006-2015

Education

Master of Science, University of Michigan	Ann Arbor, MI
School of Natural Resources and Environment	2005
Concentration: Resource Policy and Behavior—Sustainable Energy Systems	
Thesis: State of Michigan Greenhouse Gas Inventory 1990 and 2002	
Bachelor of Science, University of Illinois	Urbana-Champaign, IL
College of Agricultural, Consumer, and Environmental Sciences	2003
Concentration: Natural Resources and Environmental Sciences with Environmental Fellows Minor	

(Co-) Authored Reports and Publications

- Baker, S., P. Bull, J. Morgenstern, and P. Skala (2017) "Distributed Energy Resources Cost Effectiveness Evaluation: Societal Test, Greenhouse Gas Adder, and Greenhouse Gas Co-Benefits – An Energy Division Staff Proposal," URL: <http://docs.cpuc.ca.gov/SearchRes.aspx?docformat=ALL&docid=173203676>.
- Baumhefner, M., R. Hwang and P. Bull (2016) "Driving Out Pollution: How Utilities Can Accelerate the Market for Electric Vehicles," URL: <https://www.nrdc.org/resources/driving-out-pollution-how-utilities-can-accelerate-market-electric-vehicles>.
- Environmental Entrepreneurs (E2) (2014) "Clean Energy Works for Us: 2013 Year-in-Review and Q4 Report." URL: http://cleanenergyworksforus.org/wp-content/uploads/2014/03/E2_CleanJobsReport_FINAL_031214.pdf.
- Environmental Entrepreneurs (E2) (2013) "2012 Clean Energy Jobs Year-in Review and Fourth Quarter Report." URL: <https://www.e2.org/ext/doc/E2CleanEnergy2012YearEndandQ4.pdf>
- Long, N., P. Bull and N. Zigelbaum (2011) Chapter 8, "Efficiency First: Designing Markets to Save Energy and the Planet." Edited by Sioshansi, F., *Energy, Sustainability and the Environment: Technology, Incentives, Behavior*, Elsevier. Online store: <http://store.elsevier.com/Energy-Sustainability-and-the-Environment/isbn-9780123851369/>
- Bull, P., N. Long and C. Steger (2011) "Designing feed-in tariff policies to scale clean distributed generation in the US." *The Electricity Journal* 24.3: 52-58.
- NYSDA (2006) "Incandescent Reflector Lamps Study of Proposed Energy Efficiency Standards for New York State."
- University of Illinois at Urbana-Champaign (2002) *University of Illinois Report on a Sustainable Campus Environment*.



Contra
Costa
County

For Office Use Only
Date Received:

For Reviewers Use Only:
Accepted Rejected

BOARDS, COMMITTEES, AND COMMISSIONS APPLICATION

MAIL OR DELIVER TO:

Contra Costa County
CLERK OF THE BOARD
651 Pine Street, Rm. 106
Martinez, California 94553-1292
PLEASE TYPE OR PRINT IN INK
(Each Position Requires a Separate Application)

BOARD, COMMITTEE OR COMMISSION NAME AND SEAT TITLE YOU ARE APPLYING FOR:

Sustainability Commission

PRINT EXACT NAME OF BOARD, COMMITTEE, OR COMMISSION

PRINT EXACT SEAT NAME (if applicable)

1. **Name:** Hazard, Kimberly Grace
(Last Name) (First Name) (Middle Name)
2. **Address:** [REDACTED] Richmond, CA 94803
(No.) (Street) (Apt.) (City) (State) (Zip Code)
3. **Phones:** [REDACTED]
(Home No.) (Work No.) (Cell No.)
4. **Email Address:** [REDACTED]

5. **EDUCATION:** Check appropriate box if you possess one of the following:

High School Diploma ☒ G.E.D. Certificate ☐ California High School Proficiency Certificate ☐

Give Highest Grade or Educational Level Achieved Bachelor of Science

Names of colleges / universities attended	Course of Study / Major	Degree Awarded	Units Completed		Degree Type	Date Degree Awarded
			Semester	Quarter		
A) University of California, Berkeley	Society and Environment	Yes No <input checked="" type="checkbox"/> <input type="checkbox"/>	126.6		B.S.	May, 2013
B)		Yes No <input type="checkbox"/> <input type="checkbox"/>				
C)		Yes No <input type="checkbox"/> <input type="checkbox"/>				
D) Other schools / training completed:	Course Studied	Hours Completed	Certificate Awarded: Yes No <input type="checkbox"/> <input type="checkbox"/>			

6. PLEASE FILL OUT THE FOLLOWING SECTION COMPLETELY. List experience that relates to the qualifications needed to serve on the local appointive body. Begin with your most recent experience. A resume or other supporting documentation may be attached but it may not be used as a substitute for completing this section.

<p>A) Dates (Month, Day, Year) <u>From</u> <u>To</u> <div>09/01/14</div> <div>Present</div> <p>Total: <u>Yrs.</u> <u>Mos.</u> <div>3</div> <div>5</div> <p>Hrs. per week <div>40</div> . Volunteer <input type="checkbox"/></p> </p></p>	<p>Title <div>Research Coordinator</div> <p>Employer's Name and Address <div>California Childcare Health Program UCSF School of Nursing Department of Family Health Care Nursing 2 Koret Way San Francisco, CA 94143-0606</div> </p> </p>	<p>Duties Performed Coordinate five-year research program on reducing pesticide exposures to preschool-age children in California child care centers. Coordinated three-year project on integrated pest management for family child care homes. Oversee and participate in recruitment, data collection and entry, training, and developing educational materials.</p>
<p>B) Dates (Month, Day, Year) <u>From</u> <u>To</u> <div>09/01/14</div> <div>09/30/17</div> <p>Total: <u>Yrs.</u> <u>Mos.</u> <div>3</div> <div>1</div> <p>Hrs. per week <div>24</div> . Volunteer <input type="checkbox"/></p> </p></p>	<p>Title <div>Project Coordinator</div> <p>Employer's Name and Address <div>Alameda County Early Care and Education Program 1401 Lakeside Dr. Suite 1116 Oakland, CA 94612</div> </p> </p>	<p>Duties Performed Provided in-depth training and technical assistance on environmental health and sustainability to Alameda County child care providers. Produced a green purchasing policy and implementation guide and provided analysis of current purchasing practices. Developed outreach and educational written materials.</p>
<p>C) Dates (Month, Day, Year) <u>From</u> <u>To</u> <div>11/15/13</div> <div>08/30/14</div> <p>Total: <u>Yrs.</u> <u>Mos.</u> <div></div> <div>10</div> <p>Hrs. per week <div>40</div> . Volunteer <input type="checkbox"/></p> </p></p>	<p>Title <div>Greening Preschools Coordinator</div> <p>Employer's Name and Address <div>Climate Corps Bay Area Strategic Energy Innovations 899 Northgate Dr. #410 San Rafael, CA 94903</div> </p> </p>	<p>Duties Performed Improved waste practices at 16 child care centers by providing on-the-ground technical assistance to 250 preschool teachers and staff on waste laws and best practices. Diverted 100 tons of landfill waste and mitigated 300 million metric tons of CO2 equivalent by training staff, developing curriculum, and educating 500 preschoolers.</p>
<p>D) Dates (Month, Day, Year) <u>From</u> <u>To</u> <div>12/12/12</div> <div>Present</div> <p>Total: <u>Yrs.</u> <u>Mos.</u> <div>5</div> <div>4</div> <p>Hrs. per week <div></div> . Volunteer <input checked="" type="checkbox"/></p> </p></p>	<p>Title <div>Member</div> <p>Employer's Name and Address <div>Citizens for a Greener El Sobrante PO Box 21003 El Sobrante, CA 94820</div> </p> </p>	<p>Duties Performed Serve as Board member. Develop social media presence and plan community actions and fundraisers. Conduct community outreach and collaborate on executing a model parklet at the 2013 El Sobrante Stroll. Lead community-based campaign to "Drive 25" resulting in collection of over 400 signatures.</p>

7. How did you learn about this vacancy?

☐ CCC Homepage ☐ Walk-In ☐ Newspaper Advertisement ☒ District Supervisor ☐ Other

8. Do you have a Familial or Financial Relationship with a member of the Board of Supervisors? (Please see Board Resolution no. 2011/55, attached): No ☒ Yes ☐

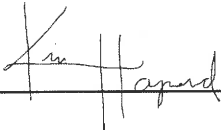
If Yes, please identify the nature of the relationship:

9. Do you have any financial relationships with the County such as grants, contracts, or other economic relations? No ☒ Yes ☐

If Yes, please identify the nature of the relationship:

I CERTIFY that the statements made by me in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge and understand that all information in this application is publically accessible. I understand and agree that misstatements / omissions of material fact may cause forfeiture of my rights to serve on a Board, Committee, or Commission in Contra Costa County.

Sign Name: _____



Date: 04/24/2018

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3. Great-grandfather, great-grandmother, aunt, uncle, nephew, niece, great-grandson, and great-granddaughter;
4. First cousin;
5. Husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepson, and stepdaughter;
6. Sister-in-law (brother's spouse or spouse's sister), brother-in-law (sister's spouse or spouse's brother), spouse's grandmother, spouse's grandfather, spouse's granddaughter, and spouse's grandson;
7. Registered domestic partner, pursuant to California Family Code section 297.
8. The relatives, as defined in 5 and 6 above, for a registered domestic partner.
9. Any person with whom a Board Member shares a financial interest as defined in the Political Reform Act (Gov't Code §87103, Financial Interest), such as a business partner or business associate.

KIMBERLY HAZARD

Richmond, CA 94803 | [LinkedIn](#)

April 24, 2018

Contra Costa County

Clerk of the Board

651 Pine Street

1st Floor, Room 106

Martinez, CA 94553

Dear Clerk of the Board:

I would like to offer my experience, skills, and energy to the Contra Costa County Sustainability Commission. My engagement in local sustainability-focused community groups, together with my academic training and professional experience, have given me a strong understanding of environmental science and equity issues, community engagement, and effective project management.

I seek to fill the At-Large, Education or Research Institution seat on the Commission as a current employee of UC San Francisco's California Childcare Health Program. I coordinated a research project to reduce children's exposure to pesticides by developing an integrated pest management (IPM) educational program for family child care providers and piloting a nurse-led IPM intervention in three counties. Through this project I gained valuable experience in public health research, data collection, and analysis. I now coordinate a five-year study that will compare changes in pesticide exposure among child care centers assigned to an IPM intervention versus an attention control intervention.

My previous experience as a green child care specialist for Alameda County has prepared me to serve on the Commission, as this work necessitated efficient use of limited public resources, such as managing multiple grant-funded projects. I regularly engaged hundreds of individuals and supported the adoption of sustainable practices by child care providers, children, and families from diverse communities.

I am also an active member of Citizens for a Greener El Sobrante (C4AGES) and sit on the board of its parent non-profit. I have developed its social media presence, led campaigns, and planned community actions and fundraising events. I also volunteer for the El Sobrante Chamber of Commerce "Green Team," picking up litter in downtown El Sobrante.

Please see my attached C.V. for more details. I would welcome a chance to speak with you regarding my background and how I could contribute if appointed to the available Commission seat.

Sincerely,

Kimberly Hazard

KIMBERLY HAZARD

[REDACTED], Richmond, CA 94803 | [REDACTED] | [REDACTED] [LinkedIn](#)

EDUCATION

University of California, Berkeley | Berkeley, CA

B.S. in Society and Environment

2013

3.8 GPA | Distinction in General Scholarship

City and Regional Planning Minor | Phi Beta Kappa Society

RESEARCH EXPERIENCE

University of California, San Francisco, School of Nursing, California Childcare Health Program | San Francisco, CA

Project Coordinator

10/2017 – Present

Reducing pesticide exposures to preschool-age children in California child care centers | PI: Abbey Alkon RN PNP PhD | Funded by: National Institute of Environmental Health Sciences

- Coordinate the randomized control trial in 90 child care centers in four counties over five years
- Collect dust samples and conduct environmental assessments in child care centers
- Develop forms using Qualtrics for staff to enter data, oversee the quality of data collection and data entry, and conduct basic analyses
- Develop recruitment forms and study instruments, compile and update training materials, revise relevant Health and Safety Handouts in English and Spanish, organize regular project meetings, and write reports
- Coordinate and communicate with the interdisciplinary advisory council and conduct community outreach on project activities

Research Assistant

05/2016 – Present

Healthy Beverages in Childcare: Putting Policy into Practice | PI: Abbey Alkon RN PNP PhD | Funded by: University of California Division of Agriculture and Natural Resources

- Developed and disseminated an online curriculum in English and Spanish
- Conducted pilot test of the online curriculum, organized and analyzed data, and updated curriculum
- Work with interdisciplinary team to develop an outcome evaluation of the online course using a cluster, randomized, control design of childcare providers

Project Coordinator

09/2014 – 04/2017

Developing an integrated pest management (IPM) program to reduce the exposure to pesticides for young children in family child care homes in California | PI: Abbey Alkon RN PNP PhD | Funded by: California Department of Pesticide Regulation

- Organized focus groups with family child care providers in three counties
- Conducted thematic analyses of focus group findings
- Managed the development of and wrote and edit materials for the IPM Toolkit for Family Child Care Homes in English and Spanish, including an IPM checklist, curriculum, and 24 handouts (available at cchp.ucsf.edu)
- Coordinated six-month intervention study in 20 family child care homes resulting in improved knowledge, pest control, and practices

- Conducted statewide train-the-trainer workshops in collaboration with the California Child Care Resource and Referral Agency to provide 112 child care trainers with in-depth instruction on IPM in family child care
- Wrote quarterly and final reports and facilitated project update meetings with interdisciplinary IPM Alliance Team

PROFESSIONAL EXPERIENCE

Green Child Care Specialist

09/2014 – 10/2017

Alameda County Early Care and Education Program | Oakland, CA

- Developed, managed, and evaluated the Green Child Care Ambassadors program resulting in 50 child care professionals receiving in-depth training and technical assistance on assessing and improving the environmental health and sustainability of child care programs
- Designed, developed content for, and conducted multiple educational trainings, including a 10-hour comprehensive workshop series addressing green business practices and environmentally healthy environments for child care
- Produced a green child care purchasing guide and provided analysis on current purchasing practices to 26 child care programs, resulting in 80% of sites switching to safer products

Policy Analyst

07/2015 – 06/2016

UCSF School of Nursing, California Childcare Health Program | San Francisco, CA

- Co-authored the California Child Care Disaster Plan and oversaw translation, design, printing and dissemination of the plan
- Managed the California Department of Education contract and organized and facilitated project meetings

Climate Corps Fellow

11/2013 – 08/2014

Alameda County Early Care and Education Program | Oakland, CA

- Promoted zero waste practices at 16 child care centers by providing on-the-ground outreach and technical assistance to 250 preschool teachers, staff, and administrators on local waste laws and best practices
- Diverted 100 tons of landfill waste and mitigated 300 million metric tons of CO2 equivalent by training child care staff, developing curriculum, and conducting developmentally appropriate lessons with 500 preschoolers
- Produced monthly e-newsletter on environmental health and sustainability for regional early childhood professionals

PUBLICATIONS

Stephens, M., **Hazard, K.**, Moser, D., Cox, D., Rose, R., & Alkon, A. (2017). An Integrated Pest Management Intervention Improves Knowledge, Pest Control, and Practices in Family Child Care Homes. *International Journal of Environmental Research and Public Health*, 14(11). doi:10.3390/ijerph14111299

PRESENTATIONS

"Environmentally Healthy Child Care," National Institute of Environmental Health Sciences Partnerships for Public Health webinar, oral presenter, WebEx webinar (280 attendees), Oct. 30, 2017.

"Thirsty for Good Health: Healthy Beverages in Child Care," 2017 Joint Conference of the California Child Care Resource & Referral Network and the California Alternative Payment Program Association, oral presenter, Sacramento, CA, Oct. 18, 2017.

"Going Green in Early Care and Education," Low Income Investment Fund Green Child Care Event, event organizer and oral presenter, San Francisco, CA, Apr. 27, 2017.

"Reducing Exposures to Pests and Pesticides in California Family Child Care Homes," 2017 Children's Environmental Health Translational Research Conference: New Challenges, oral presenter, Arlington, VA, Apr. 6, 2017.

"A Nurse-Led Integrated Pest Management Intervention in Family Child Care Homes," National Association of Pediatric Nurse Practitioners National Conference on Pediatric Health Care, poster co-author, Denver, CO, Mar. 15, 2017.

"Reducing Exposures to Pests and Pesticides in Family Child Care Homes," American Academy of Pediatrics 2016 National Conference & Exhibition, poster co-author, San Francisco, CA, Oct. 22, 2016.

"Combat Climate Change and Protect Children's Health: Be a Green Ambassador," and "Green Cleaning, Sanitizing, and Disinfecting in Child Care," Fall 2016 Quality Counts Conference, oral presenter, Hayward, CA, Oct. 8, 2016.

"Disaster Planning for Child Care Programs," California Child Care Resource & Referral Network Director Mentors Statewide Training, oral presenter, Danville, CA, Oct. 7, 2016.

"Integrated Pest Management (IPM) in Family Child Care Homes," California Child Care Resource & Referral Network Statewide Child Care Initiative Project Train-the-Trainer Series, oral presenter, Oakland, Visalia, Studio City, and Chico, CA, Mar. 9, Mar. 16, Apr. 6, and Apr. 27, 2016.

"Green Child Care: Reducing Pesticide Exposures in Family Child Care," 2015 Joint Conference of the California Child Care Resource & Referral Network and the California Alternative Payment Program Association, oral presenter, Sacramento, CA, Oct. 21, 2015.

"Green Child Care: Tools and Programs for Healthy Brain Development," California First 5 Association Health Summit, oral presenter, Sacramento, CA, Feb. 12, 2015.

"Systematic Human Rights Violations: A Consequence of the Border Industrial Complex," 2013 College of Environmental Design Berkeley Circus, oral presenter, Berkeley, CA, Feb. 28, 2013.

GRANT WRITING AND FUNDRAISING

Alameda County Early Care and Education Program

11/2013 – 10/2017

Wrote three grants totaling \$77,874:

- "Greening Alameda County Preschools: Green Child Care Ambassadors," StopWaste, 2014-2015 Grant Cycle
- "Greening Alameda County Preschools: Climate Corps Bay Area," Altamont Education Advisory Board, 2014-2015 Grant Cycle

- “Alameda County Green Child Care Procurement Project,” Altamont Education Advisory Board, 2016-2017 Grant Cycle

Cal Calling Center**06/2012 – 08/2014**

- Engaged and negotiated with with alumni, students, and parents to raise over \$51,000
- Awarded "Most Valuable Caller" of May 2013 for securing 38 donors, raising nearly \$10,000

VOLUNTEER EXPERIENCE**Secretary of the Board of Directors: Citizens for Greener Communities****12/2012 – Present**

- Record minutes and vote as board member
- Develop social media presence and help organize community outreach and volunteer events

Green Team Member: El Sobrante Chamber of Commerce**10/2015– Present**

- Participate in monthly litter cleanups in downtown El Sobrante



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

5.

Meeting Date: 05/07/2018

Subject: PROVIDE DIRECTION to staff regarding development of a Distributed Energy Resource Plan for County facilities.

Submitted For: Jody London, Sustainability Coordinator

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Frank Di Massa, CCC Public Works Dept. **Contact:** Jody London (925)674-7871

Referral History:

At the Board of Supervisors Ad Hoc Committee on Sustainability meeting of January 22, 2018, Public Works representatives were directed to provide additional information on the proposed Contra Costa County Distributed Energy Resources (DER) Plan. In response, the attached brief report provides a definition of DER and presents Public Works' proposed DER goals and implementation strategy.

Referral Update:

Public Works will present the Draft DER Plan to the Ad Hoc Committee on Sustainability for comment, suggestion, and direction.

Recommendation(s)/Next Step(s):

PROVIDE DIRECTION to staff regarding development of a Distributed Energy Resource Plan for County facilities.

Fiscal Impact (if any):

No immediate impact. As envisioned, implementation of the DER plan elements will result in substantial rebates from PG&E and MCE and positive cash flow DER investments financed through utility bill savings.

Attachments

DER Plan - Draft

Contra Costa County Distributed Energy Resources Plan

At the Board of Supervisors Ad Hoc Committee on Sustainability meeting of January 22, 2018, Public Works representatives were directed to provide additional information on the proposed Contra Costa County Distributed Energy Resources Plan. In response, this brief report provides a definition of DER and presents Public Works proposed goals and implementation strategy.

What is Distributed Energy Resources (DER)?

The U.S. Department of Energy (DOE) envisions a resilient, secure, resource efficient and environmentally sustainable “Smart” electric utility grid. As envisioned, the Smart Grid relies on the internet of things (IoT)¹ and supports the integration of Distributed Energy Resources. The California Energy Commission (CEC) defines DER as grid-connected distributed renewable energy systems, energy efficiency (EE), energy storage (ES), electric vehicles (EV), and demand response (DR) supported by a wide-ranging suite of policies adopted by the California Public Utilities Commission (CPUC).

Distributed Energy Resources (DER) consists of five elements as follows:

1. **PV** **Parking Lot Canopy and Building Integrated Photovoltaics**
2. **EE** **Energy Efficiency HVAC, Controls, Lighting modernization**
3. **ES** **Energy Storage – Lithium ion and flow battery systems for load management**
4. **EV** **Electric Vehicle Charging Systems**
5. **ADR** **Automated Demand Response systems tied to PG&E rate reduction program**

Prime examples of DER technologies include parking lot canopy solar PV systems, LED lighting and advanced building controls, lithium-ion battery storage systems, electric vehicle supply equipment (EVSE) to charge vehicles such as the Chevy Bolt and Nissan Leaf, and demand response systems that automatically respond to utility calls for load reduction by relaxing cooling system set points, dimming lights and turning off unessential equipment to relieve the burden on the grid during periods of capacity constraint.

Distributed Energy Resources in Contra Costa County Operations

Contra Costa County leaders realize that aggressively pursuing implementation of DER in County facilities is the best way to meet the statutory renewable energy goals and the carbon reduction requirements of SB350 (Clean Energy & Pollution Reduction Act) and the objectives of the County’s Climate Action Plan.

¹ The IoT is the interconnection via the Internet of computing devices embedded in everyday objects, enabling them to send and receive data.

The DER Plan that follows has been prepared with input and direction from the Public Works Department staff, including Facility Maintenance Directors and Deputy Directors.

Photovoltaics (PV)

The Department of Public Works has issued an RFQ to identify and short-list solar developers capable of installing the PV systems listed in Figure 1 below under a power purchase agreement (PPA) or other financial arrangement that is positive cash flow for the County beginning in year 1 and remaining positive throughout the contract or lease period. The selected solar developer must also have expertise and practical experience with the installation of EV Chargers and Energy Storage in conjunction with PV.

Site	Energy Consumption (kWh/yr)	Annual Energy Cost (\$)	Est. PV Capacity (kWac)	Est. Annual PV Production (kWh)	Est. 1st Year PV Savings (\$)	Solar % of Load
1000 WARD ST	2,526,524	\$ 417,536	1,313	1,900,000	\$ 323,000	75%
30 DOUGLAS DR	2,034,165	\$ 309,944	842	1,200,000	\$ 192,000	59%
50 DOUGLAS DR	985,486	\$ 216,344	370	540,000	\$ 118,800	55%
30 MUIR RD	320,993	\$ 65,815	149	218,000	\$ 45,780	68%
1305 MACDONALD AVE	468,109	\$ 50,244	241	350,000	\$ 56,000	75%
4800 IMHOFF PL	315,606	\$ 48,325	184	265,000	\$ 42,400	84%
2935 PINOLE VALLEY RD	106,516	\$ 30,404	66	96,000	\$ 21,120	90%
597 Center	651,674	\$ 143,631	196	285,000	\$ 62,700	44%
2530 Arnold	1,067,935	\$ 210,914	462	676,000	\$ 135,200	63%
4545 Delta Fair	753,365	\$ 129,798	396	579,000	\$ 104,220	77%
4549 Delta Fair	429,169	\$ 92,394	198	290,000	\$ 62,350	68%
TOTALS	9,659,542	\$ 1,715,349	4,417	6,399,000	1,163,570	66%

Figure 1: Facilities with grandfathered Interconnection Agreements (IAs)

FY18/19 Goal: The Department of Public Works anticipates that between 5 MW or more of solar capacity will be installed in FY18/19 generating over 6,000,000 kWh of clean renewable energy per year with an associated annual GHG reduction of 1,440 metric tons CO₂.

Additional PV Activities

- Develop a zero net energy (ZNE) pilot project, preferably at a County facility located in a disadvantaged community. The focus will be on public education and job development training for local electricians.
- Provide technical support and related assistance to DCD with the Renewable Resources Potential study being performed with support from Cadmus Consulting.
- Assist DCD in evaluating permit applications for megawatt class merchant solar power plants and large warehouse solar projects.
- Explore partnership possibilities with MCE, Solar Richmond, Richmond Build and Grid Alternatives to build new PV systems in the County with a focus on community solar projects that provide the greatest benefit to disadvantaged communities.

Energy Efficiency

The Department of Public Works has issued an RFQ to identify and place on a short-list Energy Service Companies (ESCOs) capable of generating performance contracts for high value, short payback period energy efficiency measures at selected facilities using PG&E on-bill financing (OBF) as the fund source.

FY18/19 Goal: The Department of Public Works anticipates that approximately \$4,000,000 (PG&E OBF max for municipalities) in energy efficiency improvements will be installed and operational in FY18/19.

Electric Vehicles

A recent survey (February, 2018) of County employees with 1221 respondents provided the following information:

1. 126 County employees currently own electric vehicles
2. 473 indicated that they are interested in purchasing a plug-in electric or hybrid vehicle
3. 880 (75 % of respondents) support the installation of EV chargers at the facility where they work
4. 763 (66 % of respondents) stated that they would be more likely to purchase an electric vehicle if there were EV chargers at the workplace

It appears that the most economical and timely method of installing EV chargers is PG&E's *EV Charge Network Program* whereby PG&E designs and installs EV Charging infrastructure (minimum of ten chargers) at no cost to the building owner. PG&E also provides a 25% rebate for the EV charger units and MCE has a proposed program in place to pay for half of the remaining cost of the chargers via a rebate. The PG&E program requires the County to enter into both a ten year easement and a contractual agreement. Public Works has prepared a Board Order requesting Board approval to allow Public Works to enter agreements with PG&E under the EV Charge Network Program.

Initial facilities where there is sufficient demand and that can gain the greatest benefit from PG&E's program include but are not limited to:

- 30 Muir
- 595/597 Center
- 4549 Delta Fair
- 50 Douglas

With the Board's approval, the County will join the California Air Resources Board's (CARB) Low Carbon Fuel Standard (LCFS) program. County participation in this program will create a source of ongoing revenue to offset the cost of EV charging infrastructure and/or to allow a lower price for electricity consumed by EV drivers that use County facilities.

FY18/19 Goal: The Department of Public Works anticipates that the County will install 75 to 100 Level 2² EV chargers in FY18/19. Many of these chargers will be public facing and therefore usable by both the public and County employees.

² Level 2 chargers are the most commonly used and accessible to all EV on the road today

Energy Storage

The solar developer selected through the RFQ process will evaluate the eleven facilities listed in Figure 1 to determine if and where energy storage is cost effective.

FY18/19 Goal: The Department of Public Works anticipates that one or more of the facilities listed in Figure 1 will be a candidate site for a cost-effective energy storage system that can be financed under a power purchase agreement in conjunction with PV. The County intends to install an energy storage system at the Zero Net Energy Retrofit Pilot Project site mentioned above.

Automated Demand Response

The County is working with PG&E's third-party contractor to identify facilities that will gain economic benefit by participating in PG&E's automated demand response program which provides rate relief to participants by allowing customers to curtail energy usage during periods of high electricity demand. PG&E's automated demand response program also provides rebates for hardware and no-cost technical support.

In a parallel activity the County is working with its building management systems contractor to upgrade the County's building management systems (BMS) software so that it can interface with PG&E automated demand response equipment, optimize operations, reduce energy consumption, and allow the County to better monitor and understand building energy consumption and electrical and mechanical systems' performance on a County-wide basis.

FY18/19 Goal: Utilize PG&E's incentive program to the extent possible. It is projected that the County will receive \$270,000 in rebates for hardware that will allow sixty-four (64) County facilities to participate in PG&E ADR programs.

Direction from the Board

Public Works seeks input, direction and approval from the Board to modify or expand the DER plan as needed and to proceed with the implementation strategies.



Figure 2: Contra Costa County has established itself as a leader in DER, as illustrated by this Google image showing a high penetration of parking lot canopy PV systems and EV chargers at a County complex that provides vital services to the public.



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

6.

Meeting Date: 05/07/2018

Subject: CONSIDER staff report on strategies for reducing greenhouse gas emissions associated with warehouse facilities in the unincorporated County

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Brian Balbas, CCC Public Works Dept. **Contact:** Jody London (925)674-7871

Referral History:

The Contra Costa County Climate Action Plan (2015) establishes goals for reducing emissions of greenhouse gases in the transportation sector and increasing the amount of renewable energy generated in Contra Costa County. The Climate Action Plan discusses prohibiting unnecessary idling of off-road and heavy equipment. It also establishes goals for zero net energy construction and installing rooftop energy systems on commercial buildings, with a focus on warehouses or other structures with large surface area roofs.

The Bay Area Air Quality Management District has adopted the following Best Management Practices aimed at limiting emissions of greenhouse gases and other pollutants during a project's construction phase. DCD staff includes these measures in project approvals as appropriate:

Air Quality

1. The following Bay Area Air Quality Management District, Basic Construction mitigation measures shall be implemented during project construction and shall be included on all construction plans:
 - a. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
 - b. All haul trucks transporting soil, sand or other loose material off-site shall be covered.
 - c. all visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
 - d. Sweep daily (with water sweepers) all paved access roads, parking areas and staging areas at construction sites.
 - e. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more).
 - f. Enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.).

- g. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.
- h. Replant vegetation in disturbed areas as quickly as possible.
- i. All vehicle speeds on unpaved roads shall be limited to 15 mph.
- j. All roadways, driveways and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
- k. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
- l. All construction equipment shall be maintained and properly in tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
- m. Post publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

The following are examples of mitigation measures developed for recent projects that have potential to generate substantial amounts of air pollutants:

- 2. Implement the following measures during all phases of the project.
 - a. 30 days prior to applying for building permits for tenant improvement plans, the applicant/tenant shall submit plans for review and approval of CDD staff, which provide for a trucker's lounge appropriately sized for the square-footage/use intended for the space being occupied.
 - b. Applicant/tenant shall electrify all loading docks to accommodate diesel-powered Transport Refrigeration Units (and similar pieces of equipment) and future use of electric trucks. both semi-trucks and delivery trucks (e.g., installation of conduit specifically designated for truck charging equipment in the future).
 - c. All Transportation Refrigeration Units and similar pieces of equipment shall be plugged-in as soon as feasibly possible when entering the property.
 - d. Applicant/tenant shall inform all truck drivers that idling is strictly prohibited on the warehouse property and adjacent streets in North Richmond.
 - e. Applicant/tenant shall periodically sweep warehouse property to remove road dust/tire wear/brake dust in parking lots.
 - f. Applicant/tenant shall not use diesel back-up generators on property unless absolutely necessary. If absolutely necessary, generators shall have Best Available Control Technology (BACT) that meets CARB's Tier 4 emission standards or meet the most stringent in-use standard, whichever has the least emissions.
 - g. Applicant/tenant shall use "clean fleet" (e.g., Zero or very low emissions, high efficiency, electric and/or alternative fuel vehicles) to the maximum extent possible. At minimum, the applicant/tenant shall demonstrate compliance to the satisfaction of CD staff, that all CARB requirements to control emissions from diesel engines have been met.
 - h. Install sound walls and/or vegetation, when appropriate, to effectively block diesel emissions from nearby sensitive receptors (e.g., schools and residential neighborhoods).
 - i. Within 30-days of occupancy, applicant/tenant shall demonstrate to the satisfaction of CDD staff, that zero-emission technology forklifts (e.g., battery electric and hydrogen

fuel cell) are being used for all operations (both indoor and outdoor) on the subject property.

Solar Power

3. Prior to building permit issuance, the applicant shall submit evidence to CDD staff for review and approval, demonstrating that the subject buildings have been made solar ready by meeting exceeding the current California Building Code (e.g., structurally able to support solar panels on roofs, appropriately sized electrical panels and conduit, etc.).
4. The project sponsor shall include with the tenant improvement building permit application, sufficient solar panels to provide power for the tenant's base power use. Project sponsor shall include analysis of projected power requirements and generating capacity for solar installation. Completion of the solar project will be a condition of the occupancy of the tenant's space. The minimum amount of solar installed will be sufficient for warehouse use which is .06ks/SF or XXX kw.
5. Prior to issuance of the initial building permit, the applicant shall also pay the Contra Costa County, Department of Conservation and Development, Current Planning Division, a flat not-to-exceed amount of \$XXX as its fair share contribution towards the cost of planning and/or constructing a Solar Project for the benefit of the North Richmond area. The Solar Project must benefit North Richmond residents as mitigation for the constructions of a warehouse project with its associated emissions and truck traffic. The County will work with the District One Supervisor and the North Richmond Community to define and develop the Solar Project.

Referral Update:

As the County has considered recent individual applications for new warehouse facilities, the County has included in conditions of approval requirements that will mitigate emissions from the operations of those facilities. The County also has included requirements for solar energy on warehouse rooftops and other measures that have the potential to increase the amount of renewable energy generated in Contra Costa County.

Recommendation(s)/Next Step(s):

CONSIDER staff report on strategies for reducing greenhouse gas emissions associated with warehouse facilities in the unincorporated County and PROVIDE DIRECTION.

Fiscal Impact (if any):

No impact to the General Fund at this time.

Attachments

No file(s) attached.



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

7.

Meeting Date: 05/07/2018

Subject: DISCUSS and RECOMMEND to the Board of Supervisors a candidate for the At-Large, Education/Research seat on the Sustainability Commission

Submitted For: John Kopchik, Director, Conservation & Development Department

Department: Conservation & Development

Referral No.:

Referral Name:

Presenter: **Contact:** Jody London, 925-674-7871

Referral History:

On March 14, 2017, the Board of Supervisors appointed Scott Warfe to the Education/Research seat on the County's Sustainability Commission. This seat is designated for one member who is a resident of Contra Costa County and represents an education institution in Contra Costa County or a research institution in Contra Costa or a neighboring County. On February 25, 2018, Mr. Warfe notified the County Sustainability Coordinator that he is no longer able to serve on the Sustainability Commission. The Ad Hoc Committee on Sustainability has the responsibility of recommending candidates for vacancies on the Sustainability Commission.

Referral Update:

The Clerk of the Board posted the vacancy on the Sustainability Commission in March 2018. The vacancy was advertised on the County's web page and circulated through social media and direct outreach to the Sustainability Commission and individuals who are on the service lists for the Ad Hoc Committee on Sustainability and the Sustainability Commission. The application deadline was April 24, 2018. Three people applied for the At-Large, Education/Research seat. The Ad Hoc Committee on Sustainability interviewed candidates for this seat earlier in the agenda for this meeting.

Recommendation(s)/Next Step(s):

DISCUSS and RECOMMEND to the Board of Supervisors candidates for the At-Large, Education/Research seat on the Contra Costa County Sustainability Commission.

Fiscal Impact (if any):

None.

Attachments

No file(s) attached.



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

8.

Meeting Date: 05/07/2018

Subject: RECEIVE Report from Sustainability Commission Chair.

Submitted For: John Kopchik, Director, Conservation & Development Department

Department: Conservation & Development

Referral No.: N/A

Referral Name: N/A

Presenter: Victoria Smith, Sustainability Chair **Contact:** Jody London (925)674-7871

Referral History:

The Ad Hoc Committee on Sustainability has asked the Sustainability Commission to provide a report on its deliberations at each Committee meeting.

Referral Update:

N/A.

Recommendation(s)/Next Step(s):

RECEIVE report from the Contra Costa County Sustainability Commission Chair.

Fiscal Impact (if any):

N/A

Attachments

No file(s) attached.



Contra Costa County Board of Supervisors

Subcommittee Report

AD HOC COMMITTEE ON SUSTAINABILITY

9.

Meeting Date: 05/07/2018
Subject: RECEIVE update from the County's Sustainability Coordinator.
Submitted For: John Kopchik, Director, Conservation & Development Department
Department: Conservation & Development
Referral No.: N/A
Referral Name: N/A
Presenter: Jody London, DCD **Contact:** Jody London (925)674-7871

Referral History:

RECEIVE update from the County's Sustainability Coordinator.

Referral Update:

This report provides an update to the Ad Hoc Sustainability Committee on the work of the County's Sustainability Coordinator since the Committee last met on March 26, 2018. Key activities during this period are listed below.

- Hosted internal kickoff meeting for the Renewable Resource Potential Study at the end of March and working regularly with Meister Consultants. We will hold a first stakeholder meeting on May 24, 10:30 - 12:00. If there are individuals or organizations the Supervisors would like us to invite, please let us know.
- Continued collaborating with the Contra Costa Transportation Authority (CCTA) on funding to support development of an Electric Vehicle Readiness Blueprint. CCTA was notified in early April that they did not receive the California Energy Commission (CEC) grant. The Contra Costa application was ranked fourth for the Northern California Region, and the CEC is making only three awards in each of the three regions. The Contra Costa application scored higher than some of the winning proposals in other regions. CCTA expects to hear about the CalTrans grant in May.
- Supported the Sustainability Commission by working on the agenda for a retreat, facilitating the April meeting of the Commission, and facilitating a meeting for Sustainability Commission members with Public Works staff who are developing a polystyrene (Styrofoam) ban. The April meeting included a status report from MCE and a presentation on the North Richmond Urban Greening and Resiliency project.
- Received notification that the County has been selected as a host for a CivicSpark Fellow for the 2018-2019 Service Year. The Civic Spark Fellow will be sponsored by the Health Services Department and the Department of Conservation and Development.
- Advertised vacancy in the Education, At-Large seat on the Sustainability Commission, and reviewed applications received by the deadline of April 24. The Ad Hoc Committee on Sustainability will interview candidates at this May 7 meeting.

- Initiated discussion with public information officers in other County departments regarding a countywide communication strategy on sustainability, as directed by the Ad Hoc Committee on Sustainability at its March meeting. The Sustainability Coordinator is participating in a newly formed working group of the Urban Sustainability Directors Network (USDN) on community engagement; the USDN group is well-timed to inform the work in Contra Costa County.
- Participated in Earth Day events hosted by the Pittsburg Unified School District and Cal State East Bay, Concord campus.
- Submitted letters of interest to the Bay Area Air Quality Management District for two proposals for Climate Protection Grants, one in the Reducing GHGs from Existing Buildings category and one in the Innovative Strategies category. The proposals are due May 11.
- Collaborated with County staff working on topics including land use and transportation, hazardous materials, green business program, economic development, Planning Integration Team for Community Health (PITCH), codes, solid waste, energy.
- Participated in regional activities.

Recommendation(s)/Next Step(s):

RECEIVE update from the County's Sustainability Coordinator.

Fiscal Impact (if any):

None.

Attachments

No file(s) attached.
