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Director

**CITY AND COUNTY OF SAN FRANCISCO
DRAFT MINUTES OF THE SPECIAL JOINT MEETING**

**COMMISSION ON THE ENVIRONMENT AND
THE SAN FRANCISCO PUBLIC UTILITIES COMMISSION
TUESDAY, MAY 27, 2014, 3:00 P.M.**

And

**COMMISSION ON THE ENVIRONMENT REGULAR MEETING
TUESDAY, MAY 27, 2014, 5:00 P.M.**

***CITY HALL, ROOM 250
SAN FRANCISCO, CA 94102**

***NOTE MEETING ROOM CHANGE: The Commission on the Environment meeting was held in City Hall, Room 250, not the Regular Meeting Location of City Hall, Room 416.**

ORDER OF BUSINESS

- 1. Call to Order.** The Joint meeting of the Commission and the Environment and the San Francisco Public Utilities Commission convened at approximately 3:00 p.m.
- 2. Roll Call.** Present: Environment Commissioners Arce (President), Gravanis, Josefowitz, Stephenson, Wald, Wan; Excused: Environment Commissioner King (Vice President). San Francisco Public Utilities Commissioners present were Commissioners Courtney (President), Caen (Vice President), Moran, and Torres
- 3. Opening Remarks by Public Utilities Commission President Vince Courtney and Commission on the Environment President Joshua Arce.**

Commission on the Environment President Joshua Arce discussed the shared environmental responsibilities and work between the San Francisco Public Utilities Commission and the Department of the Environment. He reported that collaboration is necessary between the two agencies to discuss existing partnerships, identify new partnerships, and to expand the future environmental and environmental justice agenda. President Arce discussed the need to engage communities historically not engaged in environmentalism as well as increasing job creation for San Franciscans. He stated that this meeting would provide the opportunity to learn about each

department's policy areas, programs, and teams, create new joint initiatives, and to hear new ideas from the community and staff.

San Francisco Public Utilities Commission Courtney stated that this meeting would provide an opportunity to discuss the work that the San Francisco Public Utilities Commission does in the environmental area. He stated that he was impressed with the expertise of the Commission on the Environment Commissioners and would like to find opportunities to engage on joint initiatives on a routine basis. He stated that this joint meeting would provide an opportunity to discuss overlapping objectives and goals, partnerships moving forward, and to hold future meetings to discuss joint and individual efforts.

4. Presentation and Discussion of SFPUC and SFEnvironment's (SFE) shared responsibilities and plans to advance the City's environmental goals in toxics reduction and environmental safety, water conservation, wastewater management, clean vehicle adoption, and renewable generation and energy efficiency, including a discussion of opportunities, challenges, and potential future collaboration in pursuit of environmental objectives. (*Discussion*) (Michael Carlin, Deputy General Manager, SFPUC & David Assmann, Acting Director, SFE) (Reference Presentations)

SFPUC Deputy General Manager Michael Carlin provided an overview of SFPUC work as the water, power, and sewer agency for San Francisco. Topics of discussion included San Francisco's water system and service area; the Hetch Hetchy regional water and power system; our combined sewer system; core priorities; and key updates of improvement programs, recovery efforts from the rim fire, drought water conservation efforts, and the rate setting process.

Department of the Environment Acting Director David Assmann discussed how the Department of the Environment's program areas are related to SFPUC goals and objectives. He reported that the primary goal for SFE is to keep waste out of the landfill and for SFPUC to keep materials out of the wastewater so as not to produce toxins. Acting Director Assmann reported on joint efforts in the areas of energy efficiency, renewable energy, and climate work and discussed how the current drought and rim fire are linked to climate change. He discussed the work and common goals of the two departments on day to day programs such as green business, urban forestry and agriculture, biodiversity, promoting environmental justice, clean transportation, school education, and outreach and how there is opportunity for growth in many common areas including outreach and green jobs.

a. Toxics Reduction and Environmental Safety (Chris Geiger, SFE & Steve Ritchie, SFPUC)

Integrated Pest Management (IPM) Program Manager Dr. Chris Geiger reported on current trends and opportunities for Integrated Pest Management on San Francisco City properties. He stated that the IPM Ordinance is about using the best scientific methods to manage pests that pose the least risk to humans and the environment. He discussed the importance of using prevention methods first and pesticides last. Topics of discussion included City pesticide use and reduction trends from 1996 to 2012; priorities and challenges; public health applications for mosquitoes, pesticide use by City department, current priorities, and the potential for collaboration with the SFPUC and the IPM program team. Dr. Geiger reported on meetings and trainings being held, the database of pesticide use, and ongoing screenings.

Recreation and Park Department Senior Pest Control Specialist Kevin Woolen discussed licensing and knowledge requirements to do IPM work in all biological environments and the application

and technology methods used to eliminate and reduce the use of pesticides to help protect the environment and people using parks, roadways, and golf courses. He discussed current improvements seen and future opportunities to further improve pesticide use and pest control.

Recreation and Park Department IPM Specialist Matthew Pruitt discussed his work coordinating and implementing IPM measures at Harding Park and the scientific knowledge required to lessen the use of toxic pesticides and in the use of safer application methods. SFPUC Commissioner Torres inquired about the pests encountered at Harding Golf Course. Mr. Pruitt reported that weeds and fungus are most prevalent and discussed license requirements in this area.

Department of Public Works IPM Specialist Nikkie Mixon discussed efforts to eliminate and reduce pesticide use on weeds in medians through the use of ground cover and plants so as to create a safer habitat for insects and birds to pollinate.

SFPUC Assistant General Manager for Water Steven Ritchie reported on SFPUC's work with SFE IPM specialists to apply safer methods so as to control pests and weeds with minimal or no pesticide use on water shed lands and distribution facilities. Environment Commissioner Stephenson inquired whether there has been a drop off of pesticides in the water systems. He reported that there are no pesticides in the San Francisco's water system and asked Mr. Moala to report on pesticides seen in the wastewater system. Environment Commissioner Arce requested information as to whether there is increased water and pesticide use during golf tournaments and discussed his interest in working together to reduce usage. Mr. Ritchie stated that he suspects that there would be an increase in water usage and would report back.

b. Water Conservation (Steve Ritchie, SFPUC & Tamar Hurwitz, SFE)

SFPUC Assistant General Manager of Water, Steven Ritchie, provided an overview and update of SFPUC's water conservation program discussing the current drought situation; San Francisco's water use; SFPUC's ongoing conservation assistance and program; response to the drought using new tools and educational materials and plans to increase assistance and awareness. Environment Commissioner Josefowitz inquired about methods being used for measuring water-savings of every individual program. Mr. Ritchie reported that programs are measured collectively in terms of what people do and that projections of where the most water savings can be seen are made through end-user models.

Environment Commissioner Josefowitz inquired as to where the most conservation efforts could be attained going forward. Mr. Ritchie discussed the benefits of replacing old toilets. Commissioner Josefowitz inquired if there are plans to work with the Recreation and Park Department to install more efficient and intelligent irrigation systems. Mr. Ritchie discussed SFPUC's joint efforts with the Recreation and Park Department and other agencies to evaluate and identify parks with the greatest water waste to implement conservation efforts through the installation of efficient and smart irrigation systems, sprinklers and other methodologies. Environment Commissioner Stephenson inquired about efforts to reach the 10 percent water use reduction goal. Mr. Ritchie discussed the education and outreach campaign aimed at San Francisco citizens and residents and to SFPUC's wholesale customers outside of San Francisco that would help them reach their individual customers. Environment Commissioner Stephenson inquired if cisterns and rain barrels would be used as part of the drought campaign and in future conservation efforts. Mr. Ritchie reported that rain barrels have been funded and will be invigorated as part of the drought

campaign in seasons when there is precipitation. Environment Commissioner Wald inquired whether the ten percent conservation goal is applicable only to San Francisco or system wide and what the rationale is for establishing the ten percent goal. Mr. Ritchie reported that the goal is the same system wide and was established so as not to establish stricter measures in future years. Commissioner Gravanis inquired about the laundry to landscape gray water program participation and obstacles for more participation. Mr. Ritchie reported on the training program, implementation issues, and efforts to improve the program to make it easier for people to implement.

Department of the Environment School Education Program Manager Tamar Hurwitz reported on SFE's partnership with SFPUC to support water education programs in the private and public school system. She presented on 'Save our Bay' class presentations that teach about water pollution prevention; 'Our Water' curriculum and class presentations that teach about local water resources and water conservation; the 'Drink Tap' assembly program that promotes the use of tap filling stations in cafeterias; teacher workshops; the sponsorship of the SFUSD's 'Conservation Connection,' and collaboration with the SFPUC to sponsor and administer field trips to San Francisco's Garden for the Environment. Ms. Hurwitz discussed future opportunities to work together to provide community outreach and education to San Francisco's youngest residents.

c. Wastewater Management (Tommy Moala, SFPUC, Commissioner Ruth Gravanis, Environment Commission, & Sushma Bhatia, SFE)

SFPUC Assistant General Manager of Wastewater Enterprise Tommy Moala presented an overview of San Francisco's combined sewer system and challenges facing our aging infrastructure such as seismic vulnerability, lack of redundancy, and effects of climate change that has to be addressed through the capital program. He reported on efforts to fix the system through the sewer system improvement program and reported on total program cost. Mr. Moala provided an assessment of urban watershed recommendations, plans for projects, programs and policies, and discussed early implementation projects. He discussed the linkage with SFE programs in the areas of education, resource recovery such as the pharmaceutical drop-off program, and mosquito and rodent abatement program. SFPUC Commission President Courtney discussed opportunities seen by trades unions working in the southeast sector of the City and how SFPUC and SFE can work together creating opportunities in this sector.

Environment Commissioner Josefowitz inquired about biogas electricity generation opportunities in the water treatment plants. Mr. Moala reported on biogas production at the water treatment plants and discussed future opportunities to capture and use more biogas. Commissioner Josefowitz inquired what the capacity of the new biogas electrical generation plants will be. Mr. Moala reported that this project is currently in the environmental review and design process and discussed future opportunities and the importance of resource recovery efforts in meeting the City's goals. Commissioner Josefowitz offered the Department's assistance in thinking through renewable energy options through biogas. Commissioner Josefowitz and Mr. Moala discussed the budget devoted to green implementation programs.

Environment Commissioner Wald suggested considering implementing programs that would evaluate other types of products and educate San Francisco residents about which products they might choose to reduce harmful material going into the water system. Mr. Moala reported that this is an area that Departments could work together. Environment Commissioner Stephenson inquired whether storm water design plans would include greenroof implementation

design and incentives for residents. Mr. Moala reported that SFPUC's stormwater design guidelines website provides information on what is most advantageous to homeowners and developers. Environment Commissioner Gravanis reported that there are many Low Impact Design (LID) projects that have been implemented, and that SFPUC has an LID toolkit that provides useful information on guidelines and projects. She discussed the advantages of using rain barrels to capture roof water and in water conservation. Commissioner Gravanis suggested future discussion on the relationship between toxics and wastewater management and working together on outreach, education and community involvement.

Department of the Environment Toxics Reduction Program Manager, Sushma Bhatia, provided an overview of initiatives implemented in the Toxics Reduction program and areas that the Department of the Environment actively collaborates with SFPUC Wastewater Enterprise on. She reported that there are 85,000 chemicals in commerce and because of poor regulations in the United States an additional 1000 chemicals are produced every year. Ms. Bhatia reported that the environmental and health impacts of all of these chemicals are unknown, but they are accumulating in living organisms and in the environment due to use and improper disposal in the landfill and the sewer system.

Ms. Bhatia discussed program goals to minimize health impacts from toxic chemicals by identifying and promoting safer alternatives and minimizing environmental impacts by creating an infrastructure for safe disposal. SFE actively works with other agencies to help meet mutual goals. Ms. Bhatia discussed the differences in program design and tactics between municipal agencies, businesses and residents. A discussion was held on IPM program efforts in the area of citywide green purchasing specifications, the green business program, educating residents on proper disposal of household hazardous wastes, and developing new programs and infrastructures for disposal. Ms. Bhatia discussed joint efforts with the SFPUC and the Police Department working on the safe medicine disposal program so toxics do not end up in the wastewater system or landfill.

d. Clean Vehicle Adoption (William Zeller, SFE & Barbara Hale, SFPUC)

SFPUC Assistant General Manager, Business Services and Chief Financial Officer, Todd Rystrom provided an overview of SFPUC fleet management and operations in the areas of (1) promoting alternatives and transportation options; (2) ensuring Healthy Air and Clean Transportation Ordinance compliance; (3) managing the fleet inventory; (4) managing replacement budget/cost efficiencies and environmental strategies; and (5) providing operations, disaster preparedness and response.

Department of the Environment Clean Vehicles and Fuels Program, William Zeller, reported on collaboration between SFE and SFPUC on fleet operations and helping SFE push projects forward that reduce petroleum use and greenhouse gas emissions. He reported on sources of greenhouse gas emissions in San Francisco, the majority of which is from cars and trucks. Mr. Zeller discussed the implementation of San Francisco's Transit First Policy to influence people out of private cars and into alternate forms of transit and SFE's transportation focus on Commute Smart Transportation Demand Management programs and promoting the use of alternate fuel vehicles and electric transportation. Mr. Zeller reported on collaboration with (1) SFPUC Power to develop the most dense-public charging system in the United States, (2) with SFPUC Fleet in Healthy Air and Clean Transportation Ordinance (HACTO) compliance, biodiesel use, and telematics, and (3) with SFPUC Wastewater on the use of biomethane, a renewable form of natural gas.

SFPUC Commissioner Torres inquired whether the City and County of San Francisco provides tax rebates for owners of electric vehicles. Mr. Zeller reported that the City does not provide tax rebates at this time and that most rebates came from state agencies such as the California Energy Commission, California Air Resources Board, and Bay Area Air Quality Management District. He stated that the Department of the Environment had previously managed grants for taxi drivers to purchase hybrid vehicles.

e. Renewable Generation and Energy Efficiency (Barbara Hale, SFPUC & Cal Broomhead, SFE)

Department of the Environment Energy and Climate Manager Cal Broomhead presented an overview of SFE's renewable and energy-efficiency programs discussing the Department's work providing education, trainings, technical assistance, and quality assurance to qualifying customers by program areas. He discussed the re-launch of the GreenFinance SF residential program and efforts to implement other methods of financing. Mr. Broomhead discussed the status of ordinances and planned updates and efforts to improve code compliance. In the area of renewables, Mr. Broomhead reported that SFE operates the Solar Task Force that works on purchasing strategies, providing technical assistance and market development, and operating the Solar Map and chart of solar PV installations. He discussed state regulatory issues that are creating a reduction in energy efficiency programs. Mr. Broomhead urged everyone to review information on the Energy Upgrade California program.

SFPUC Assistant General Manager of Power Barbara Hale presented an overview of renewable generation solar and energy efficiency programs. She discussed how the GoSolarSF program was established, net operating revenues, and its objectives; activity to date; workforce development; customer municipal solar systems; and renewable wholesale purchases. Ms. Hale presented on customer energy-efficiency programs discussing net operating revenues, the Civic Center Sustainability District, the General Fund energy efficiency program, SFPUC Enterprise customer program implementation, and green commissioning and design review.

Environment Commission President Arce requested a status report on CleanPowerSF. Ms. Hale reported that the SFPUC is actively collaborating with LAFCo to perform an additional study of the feasibility of pursuing CleanPowerSF and is waiting for a decision by policy makers on an approach to move forward. She discussed the Feasibility Study Ordinance sponsored by Supervisor Avalos on whether to join or work with Marin Clean Energy or a self-performing community choice aggregation program through the LAFCo study.

Commissioner Josefowitz and Ms. Hale discussed the low cost of Hetch Hetchy power and how it could correlate with incentives for making energy efficiency and solar system upgrades. A discussion was held on plans for future solar installations and other renewable energy options. Commission President Arce, Energy and Climate Manager Broomhead, and Commissioner Josefowitz discussed estimates of rooftop solar potential and how to increase potential. Commission President Arce asked Mr. Broomhead to review the estimates cited in the "Solar Revolution" study. Ms. Hale reported on the suitability of solar on San Francisco rooftops, the goal of reaching energy efficiency through solar installations, and the potential of implementing other projects.

Commissioner Gravanis inquired how close the City is to achieving its 100 percent renewable energy goal and whether it can be achieved with the projects discussed today and those that are listed in the Climate Action Strategy. Department of the Environment Climate and Energy

Manager Broomhead reported that the 100% renewable energy strategy is reliant on the CleanPowerSF program. He discussed other options that could bring us closer but would still not meet the 100 percent goal, e.g., large scale solar installations, car-sharing, natural gas use reductions, and zero net homes. Commissioner Gravanis inquired how long it would take to reach the 100% goal through community choice aggregation. Mr. Broomhead stated that the goal is aspirational because there is no control of securing 100 percent of the customer base, but it could come close to reaching the goal. Ms. Hale reported that another opportunity exists through PG&E's pursuit with the CPUC of an approval for a green tariff option. She reported that the Electricity Resource Plan update identified both the Community Choice Aggregation program and a program similar to PG&E's as options. Ms. Hale reported that she and SFPUC staff have been engaged with CPUC to make sure the program works well in San Francisco and has opportunities for local renewables.

Public Comment:

Mr. Jeremy Pollock, Legislative Aide, Supervisor Avalos's Office, read a statement from Supervisor Avalos into the record about the importance of including the CleanPowerSF program in the Climate Action Strategy and implementing the program in order to meet the City's greenhouse gas reduction goals. He reported on the support of the Board of Supervisors for this program and options for program implementation by July 1, 2015. SFPUC Commission President Courtney asked that there be additional focus on identifying the jobs created, training components, and environmental impacts of the CleanPowerSF program. Mr. Pollock discussed Supervisor Avalos's Local Hiring Ordinance and priority of job creation and community choice aggregation as a vehicle for expanding the job component and build-out of renewable energy.

Mr. Jason Fried, Executive Office, LAFCo, discussed the importance of CleanPowerSF in meeting the 100% renewable energy goal in the Climate Action Strategy Plan. He discussed impacts of climate change that the city has been facing such as the fire and drought and the need to work toward a 100% renewable energy goal. Mr. Fried stated that since SFPUC was instructed to stop working on CleanPowerSF, LAFCo has hired a contractor to address questions such as job creation, energy efficiency, funding, program options, and other tasks.

Ms. Denise D'Anne asked that San Francisco consider impacts of car and van service idling and develop a law similar to New York's City's anti idling law. She reported on her communication to San Francisco's Paratransit Authority that has been left unanswered.

Mr. Jed Holtzman, San Francisco resident, co-coordinator of 350.org, urged that there be a focus on reducing greenhouse gas emissions through energy efficiency and other programs. He suggested that there be outreach directed to landowners who may not be interested in implementing energy efficiency programs. He discussed the correlation of CleanPowerSF and meeting the City's 100% renewable energy goal and spoke in support of this program, GreenFinanceSF, and other programs. Mr. Holtzman stated that there is no other strategy for reaching this goal without the ability to influence San Francisco's energy customers to participate. He discussed the success of the Marin Clean Energy and Sonoma Clean Power programs that are providing cleaner and cheaper power than PG&E. The SFPUC was urged to work with LAFCo as the feasibility study continues in order to reach energy efficiency goals and develop union jobs.

Environment Commissioner Josefowitz inquired whether the SFPUC is considering opening up the land in the watershed south of San Francisco for recreational uses. Commission President

Courtney discussed the easements that are required for this purpose. SFPUC General Manager Harlan Kelly stated that he would report back on this question at a future date.

Environment Commission President Arce and SFPUC Commission President Courtney discussed the potential of future joint projects between the SFPUC and Department and Commission on the Environment and the need to hold routine meetings. Commissioner Wald asked that there be a future discussion on how to help the City reach a 100 percent renewable energy goal.

Item 5 was heard before Item 4.

- 5. General Public Comment.** Members of the public may address the Special Joint Meeting of the San Francisco Public Utilities Commission and the Commission on the Environment on matters that are within either of their respective jurisdictions and are not on today's agenda.

Dr. Espanola Jackson discussed the history of the Commission on the Environment and her involvement as a representative of the 1996 Commission because of environmental justice issues facing her community. She discussed Earth Day celebrations held in the Bayview neighborhood from 1990 to 1996 and her part in leading tours of the 500 toxic sites in the neighborhood that were causing health problems for residents. Dr. Jackson spoke of her concern that Commissioners are not able to intervene in land use issues and cannot do anything to eliminate the toxic sites in the neighborhood. She reported that Herons Head Park is a toxic site that is toxic to the children playing in the park. Dr. Jackson spoke in support of continuing San Francisco's solar program.

Mr. Eric Brooks, representing the San Francisco Green Party, San Francisco Clean Energy Advocates, and Our City, stated that the Local Agency Formation Commission (LAFCo) is pursuing and working out a plan for CleanPowerSF. He stated that the Commission on the Environment and its subcommittees has been asked to add the CleanPowerSF plans and program back to its Climate Action Strategy in order to meet greenhouse gas emission reduction goals that cannot be accomplished without it. Mr. Brooks discussed the Board of Supervisors Budget Committee actions related to the SFPUC budget and CleanPowerSF and prior reduction in funding by the Mayor for the GoSolarSF program and energy efficiency programs before funding was reinstated. He spoke in support of providing funding for both the GoSolarSF and CleanPowerSF program in order to address the climate crisis.

Ms. Robin Sherrer, speaking for the San Francisco Forest Alliance, urged the care and preservation of all San Francisco trees and to stop the thinning and destruction of open space trees. She spoke in opposition to the removal of mature eucalyptus trees by the Recreation and Park Department and urged the Department of the Environment staff to hold discussions with professors at U.C. Davis and Berkeley about the trees. She stated that we need to allocate more resources to sequestering the CO₂ and carbon from trees and decrease the CO₂ in our air. Ms. Sherrer urged that Natural Areas Program bond money be allocated to the restoration of parks as was intended.

Mr. Francisco DaCosta spoke of the first people of this nation, the Miwok Indians, and the pristine condition of the land that belonged to the first people in comparison to what civilization has done to the land at present. He inquired whether data is available on the carbon footprint that will be discussed in today's meeting. He encouraged the SFPUC to focus on Hetch Hetchy and bring hydroelectricity to San Francisco instead of selling it to someone else. Mr. DaCosta encouraged

the Department of the Environment to enforce the Precautionary Principle about contamination found at the Lennar Development site and health impacts to Bayview neighborhood residents.

- 6. Adjournment.** The joint meeting of the San Francisco Public Utilities Commission and the Department of the Environment adjourned at approximately 6:50 p.m.

COMMISSION ON THE ENVIRONMENT REGULAR MEETING

COMMISSION MEMBERS: Commissioners Joshua Arce (President); Angelo King (Vice-President), Ruth Gravanis, Nicholas Josefowitz, Heather Stephenson, Johanna Wald, Sarah Wan

ORDER OF BUSINESS

- 1. Call to Order and Roll Call.** The Commission on the Environment meeting convened at 7:03 p.m. Present: Commissioners Arce, Gravanis, Josefowitz, Stephenson, Wald and Wan; Excused: Commissioner King.
- 2. Approval of Minutes of the March 25, 2014 Commission on the Environment Rescheduled Meeting.** (Explanatory Document: March 25, 2014 Draft and Approved Minutes) (Discussion and Action) Upon Motion by Commissioner Josefowitz, second by Commissioner Gravanis, the March 25, 2014 Meeting Minutes were approved (AYES: Commissioners Arce, Gravanis, Josefowitz, Stephenson, Wald and Wan; Absent: Commissioner King).
- 3. Public Comments:** Members of the public may address the Commission on matters that are within the Commission's jurisdiction and are not on today's agenda. There was no public comment at this time.
- 4. Informational Presentation on San Francisco Municipal Transportation Agency's Transit Effectiveness Project (TEP).** Sponsor: Commissioners Nicholas Josefowitz and Johanna Wald; Speaker: Julie Kirschbaum, Operations Planning and Scheduling Manager, San Francisco Municipal Transportation Agency, SFMTA (Informational Presentation and Discussion)

SFMTA Operations Planning and Scheduling Manager Julie Kirschbaum discussed SFMTA's focus on transit service and infrastructure and commitment to sustainability. She stated that one of the key ways to improve the environment is to influence more people out of their cars by making transit, bicycling, and walking safer and more appealing to customers. SFMTA's Strategic Plan goal is to make 50 percent of all trips sustainable by 2018 by giving transit more priority in traffic, increasing service, making better transit connections, and improving the MUNI fleet and vehicle miles traveled. The entire MUNI fleet will consist of hybrid biodiesel and electric vehicles over the next five years.

Ms. Kirschbaum reported on the Transportation Element Project's role to improve transit mode share, keep pace with growth, and make transit viable and more appealing to customers. She stated that environmental work has been completed and preparation is in progress to implement the project over the next two to three years. A report was provided on challenges that have been identified through data analysis and public input, community outreach, data assessment tools, program elements and policy framework, service improvement recommendations, capital investments, and funding sources. Ms. Kirschbaum reported on additional environmental

benefits that would be achieved from the TEP project that include a reduction of vehicle miles traveled and decreased greenhouse gas emissions.

Commissioners Josefowitz spoke in support of the program and suggested implementing an outreach program to the community on the success of the program and how it improves people's travel times. Ms. Kirschbaum reported on communication and pilot strategies being developed that include "MUNI Forward." Commissioner Josefowitz suggested that SFMTA coordinate an outreach program through the Department of the Environment's outreach on the commuter benefits program. Commissioner Stephenson and Ms. Kirschbaum discussed the current status of the 50 percent goal and how TEP can be a delivery vehicle to closing key gaps in the cycling network. Commissioner Wan and Ms. Kirschbaum discussed proposals being considered to improve public safety on MUNI. Commissioner Wald suggested quantifying and explaining to San Franciscans the benefits from this investment and commended efforts made toward responsiveness to public comment. Commissioner Arce and Kirschbaum discussed the role the Commission can play in supporting the SFMTA in this effort.

5. **Presentation on San Francisco Unified School District's Sustainability Program.** Sponsor: Acting Director David Assmann; Speaker: Nik Kaestner, Director of Sustainability, San Francisco Unified School District (Informational Presentation and Discussion) This agenda item was Continued to the Call of the Chair.
6. **Review and Approval of Draft Resolution 2014-08-COE in Support of Amendments to the Clean Construction Ordinance.** (Explanatory Document: Presentation, SF Planning Department Draft Resolution of Proposed Amendments to the Construction Ordinance and Draft Resolution File 2014-08-COE) Sponsor: Commissioner Johanna Wald; Speakers: Wade Wietgreffe, Planner, San Francisco Planning Department; Jessica Range, Senior Planner, Planning Department, and Jonathan Piakis, Industrial Hygienist/Noise Control Officer, Department of Public Health (15 minutes) (Discussion and Action)

San Francisco Planning Department Planner Wade Wietgreffe explained that the Clean Construction Ordinance is a health protective ordinance that deals with exhaust from construction equipment and applies to publicly funded public works projects and construction projects that are more than twenty days in length. The Ordinance is enforced by individual City departments and through contract bids and specifications. Mr. Wietgreffe presented background on how the Ordinance originated and discussed topics that include the effects of common air pollutants; CARB/USEPA Off Road engine emission standards from 1990 to 2015; air pollution modeling in areas of the city that have the most burden from air pollution; off road engine availability and emissions; and existing and proposed Clean Construction Ordinance updates and benefits.

Commissioner Wald reported that the Ordinance is addressing a very important environmental issue and is an excellent example of data driven adaptive management using the California Environmental Quality Act (CEQA) process. She urged approval of the Resolution. Upon Motion by Commissioner Wald, second by Commissioner Wan, the Resolution urging the Board of Supervisors and the Mayor to adopt updates to the Clean Construction Ordinance to adopt a clean construction diesel-emissions minimization plan and monitoring requirements for public projects at construction sites within Air Pollution Exposure Zones in San Francisco was approved without objection (AYES: Commissioners Arce, Josefowitz, Stephenson, Wald and Wan; Absent: Commissioners Gravanis and King).

7. **Review and Approval of Draft Resolution File No. 2013-14-COE in support of San Francisco Solar Policy for New Construction.** (Explanatory Document: Draft and Approved Resolution) Sponsors: Commissioners Arce and Josefowitz; Speaker: Alison Healy, Renewable Energy Program Manager (Discussion and Action) This agenda item was continued to the Commission on the Environment Policy Committee meeting at the Call of the Chair.
8. **Review and Approval of Draft Resolution 2014-06-COE commending Commissioner Emeritus Alan Mok for his Service to the Commission on the Environment.** (Explanatory Document: Draft Resolution) Sponsor and Speaker: Acting Director David Assmann (Discussion and Action.) This agenda item was continued to the July 22, 2014 Commission meeting.
9. **Review and Approval of Draft Resolution 2014-07-COE commending Acting Director David Assmann for his Service to the Department of the Environment, Commission on the Environment, and to the City and County of San Francisco.** (Explanatory Document: Draft and Approved Resolution) Sponsor and Speaker: Commission President Joshua Arce (Discussion and Action)

Commission President Arce discussed Acting and Deputy Director's many accomplishments at the Department of the Environment, and Commissioners discussed their positive experiences working with him. Acting Director Assmann was commended for his outstanding service to the Department and Commission on the Environment and to the City and County of San Francisco. Commission Secretary Monica Fish read the Resolution into the record. Acting Director Assmann stated that he values the time that he has spent with the Department and the Commission and the growing issues that are important to the residents of San Francisco. Upon Motion by Commissioner Wald, second by Commissioner Stephenson, Resolution 007-14-COE was approved without objection with amendments (AYES: Commissioners Arce, Josefowitz, Stephenson, Wald and Wan; Absent: Commissioners Gravanis and King).

10. **Operations Committee Chair's Report.** Highlights of the May 14, 2014 Meeting. (Information and Discussion) This agenda item was continued.
11. **Policy Committee Report.** (Information and Discussion) Chairs Report: Highlights of the April 9 and May 22, 2014 Meetings and review of the Agenda for the June 9, 2014 Meeting to be held at City Hall, Room 421. This agenda item was continued.

Commission Secretary's Report. (Explanatory Document: Commission Secretary's Report and Correspondence Log) (Informational Report and Discussion) Monica Fish, Commission Secretary. This agenda item was continued.

- **Communications and Correspondence**
- **Update on City Legislation**

12. **Director's Report.** Updates on Department of the Environment administrative and programmatic operations relating to Budget Planning, Strategic Planning, Clean Air/Transportation, Climate, Energy, Public Outreach and Education, Environmental Justice, Habitat Restoration, Green Building, Zero Waste, Toxics Reduction, and Urban Forestry. (Explanatory Document: Director's Report) (Informational Report and Discussion) Speaker: Acting Director David Assmann. This agenda item was continued.

Items 14 – 16 were heard together.

13. Announcements. (Information and Discussion)

14. President's Announcements. (Information and Discussion)

15. New Business/Future Agenda Items. (Information, Discussion and Possible Action) Commissioner Josefowitz thanked Commission President Arce for organizing a tremendous joint meeting that presented many future opportunities for collaboration. Commissioner Wald suggested inviting Roger Kim from the Mayor's Office to the next Commission meeting to discuss the Mayor's environmental priorities. Commission President Arce thanked Communications and Policy Director Guillermo Rodriguez, Acting Director Assmann, and Commission Secretary Fish for their role in meeting proceedings. Acting Director Assmann reported that Ryan Jackson would be working with Director Deborah Raphael as her temporary assistant and would be reaching out to set up a meeting with all Commissioners.

16. Public Comments: Members of the public may address the Commission on matters that are within the Commission's jurisdiction and are not on today's agenda. There was no public comment at this time.

17. Adjournment. The Commission on the Environment meeting adjourned at 8:10 p.m.

The next Regular Meeting of the Commission on the Environment is scheduled for Tuesday, July 22, 2014, 5:00 p.m. at City Hall, Room 416.

*** Copies of explanatory documents are available at (1) the Commission's office, 1455 Market Street, Suite 1200, San Francisco, CA 94102 between the hours of 9 a.m. and 5 p.m. A photo I.D. is required for entry to the building, (2) on the Commission's meeting website at <http://www.sfenvironment.org/commission/agendas> included with minutes by meeting date; (3) upon request to the Commission Secretary, at telephone number 415-355-3709, or via e-mail at Monica.Fish@sfgov.org. For an audio recording of Commission meetings, access this link <http://www.sfenvironment.org/commission/audio> and select the meeting date.*

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