



CITY AND COUNTY OF SAN FRANCISCO
COMMISSION ON THE ENVIRONMENT DIRECTOR'S REPORT
May 27, 2014

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1. ADMINISTRATION/GENERAL

NEW HIRES

- Alison Healy started as Temporary replacement for Danielle Murray, will post the permanent vacancy shortly

STAFF MOVING ON/RETIREMENT

- Ann Kelly, Senior Manager, Energy Programs, is retiring July 1
- Sushma Bhatia, Toxics Reduction Program Manager
- Wendy Yeung -Green Business Associate, last day May 30th

2. LEGISLATION/POLICY

GENERAL

- Zero Waste: Submitted letters supporting AB 1594 (eliminates plant material ADC diversion credit), AB 1826 (mandates commercial organics recovery) and SB 270 (similar to SF's bag ordinance), and opposing AB 2633 (encourages hi-temperature material destruction). Assembly Natural Resources Committee votes went our way on all four bills.

3. COMMUNITY EVENTS/OUTREACH ACTIVITIES

COMMUNITY & PRESS EVENTS

Zero Waste

- Sustainia100 featured our zero waste efforts as a one of 100 solutions worldwide nominated for the 2014 Sustainia Award in Scandinavia.
- Presented to 12 Buenos Aires elected officials and environment department staff, and toured SF generators.
- Presented on zero waste and mandatory composting at BioCycle conference in San Diego and Green Meetings Industry Council Conference in SF.

Toxics Reduction/Green Business

- Presented on the City's new disinfectants alternatives analysis to two national webinars – BizNGO and Responsible Purchasing Network

Green Building

- In partnership with City of Seattle staff, BH convened national meeting on best practices exchange for energy performance disclosure and audit programs, attended by representatives from all 9 cities with similar policies, 3 cities with policies in development, US DOE, and US EPA, hosted by Georgetown University.
- Presented to:
 - BayREN March Codes and Standards Forum on Benchmarking Policy and Practice (BH)
 - CityZenith Global Partner Coordination Forum (BH)
 - BOMA Canada Existing Building Climate Change Resiliency initiative (BH)
 - Green California Summit 2014 (BH)

TRAININGS

- Zero Waste: Trained 26 City Zero Waste Coordinators at annual workshops and employees from DPH MCAH, DPH Mission Clinic, DPH Silver Clinic, DPW IDC Division, LHH, Refuge Health Programs, Rent Board, OCA, SFPL North Beach, all Safeway store managers and Bon Appetit (Twitter's on-site caterer) on zero waste principles.

4. PROGRAM MILESTONES/ACHIEVEMENTS

BIODIVERSITY

- Our leadership of the Interagency Biodiversity Working Group which has met 8 times since September and produced a 6-page San Francisco Biodiversity Program Description, which was presented to the Directors Working Group, where we received positive feedback and collective approval to continue.
- Collaborating with Planning Department on the SF Plant Finder, which will be an online community resource for habitat planting in the urban landscape, scheduled to launch in August.

CLEAN AIR/CLEAN TRANSPORTATION

- Received preliminary notice of a two-year, \$300K grant award from California Energy Commission (pending final Commission approval) for Alternative Fuel Readiness Planning

ENERGY & CLIMATE

- Press Events: Energy Upgrade California program was re-launched.
- Community outreach events (organized or participated in by your program area): BayREN for home energy upgrades: 5 events with 128 attending
- Program milestones:
 - Bay Area Regional Energy Network:
 - Held 2 forums on energy codes and green building legislation. Moving forward with compliance study with DBI participation. (CB)
 - Single-family: continued small uptake. (RS)
 - Multifamily has been re-funded to deliver more retrofitted units (RS)
 - Financing: the CPUC is still deciding whether San Francisco can participate in the On-water bill financing because Hetch Hetchy power is used for pumping water, not PG&E power. Multi-family financing program has been postponed by CPUC. (CB)
- Hazard Mitigation Plan: received okay to proceed with a grant application.
- California Local Energy Assurance Plan: Waiting for funding opportunity notice.
- Climate Adaptation: Jennifer Kass to be lead staff. Steering Committee met in April, Sea Level Rise Committee presented draft guidelines.
- Climate Inventories: Completed report to the C40 Climate Disclosure Project. Presented the Consumption Inventory approach to the SF Environment Policy Committee (CRO)
- Climate Policy: Presented at Association of Climate Change Officers conference. (CB)
- Department Climate Action Plans: 41 Department reports filed and under review, another 10 expected. This is far ahead of schedule from last year. (CRO)
- EcoDistricts/District energy systems: ARUP completed their mid-term report on community integrated renewable energy in the Central Corridor (CB)
- Energy Watch: 2013-2014. First month of program activity was April 2013; as of end of April at 60% of kW goal; 40% of the kWh goal; saved 93,000 therms (AK)
- Refrigeration Pilot: Completed 90 of the goal of 140 customer equipment surveys, 100 units have been monitored; 9 new units of the 40-unit goal have been installed.(AK)
- Green Cities: attended May meeting (CB)
- Natural Gas leakage: researching leaks per home retrofit project (CB)
- Community Indexing: Participating in DPH healthy communities index development (CB)

ENVIRONMENTAL JUSTICE

- With assistance from SF Environment's outreach program, EJ convened a listening session on May 1, 2014 at the EcoCenter at Heron's Head Park. We invited a group of non-profit community organizations and residents in Bayview to describe services that are being provided; that they would like to see provided; and that they would like to see SF Environment provide. EJ staff will follow-up with more interviews and discussion with stakeholders.
- EJ working with City's IPM contractor, Pestec, completing an IPM pilot project at Plaza East and Westside courts (project funded by the Mayor's office). EJ held a training workshop on May 15th at Westside Courts. EJ staff completed IPM training of HOPE SF peer educators at Hunters View, and will provide IPM training next at Sunnydale.
- For the brownfields assessment project, EJ's community outreach contractor, Black Coalition on AIDs, convened a public meeting on March 31, 2014 and a tour of brownfield sites for community residents on May 15, 2014.

ENVIRONMENT NOW

- Wrapped up the door-to-door segment of the in-language Chinatown campaign ("Turn Food into Gold" (點食成金)). Performed 158 zero waste assessments, 74 staff trainings in Cantonese, Mandarin, and Vietnamese and distributed 83 decals to Chinatown food establishments in recognition of their high participation rate and commitment to composting.
- Environment Now has been supporting the efforts of the Safe Routes to School Partnership to encourage sustainable modes of transit to get to school. Over the past three months we have conducted outreach and assisted with events such as Carpool to School Week, Bike to School Week, Walking Wednesdays, and Kindergarten Orientations. During this time we have spoken with 527 parents and students, and have signed 369 parents up for the Safe Routes to School newsletter. The schools we have visited have been in Districts 1,2,4,5,6,7,8,9,10,11.

GREEN BUILDING

Municipal Green Building – Mark Palmer

- Municipal Projects
 - The new Bay View Branch Library has achieved LEED Gold certification. The San Francisco Public Library now has 9 LEED certified branch libraries, 7 at the Gold level and 2 at Silver. LEED certified municipal properties now equal 4,067,563 square feet.
 - The new North Beach Branch Library held its Grand Opening on May 10. LEED certification is pending.
 - MP assisting SFO with green building codes and policies in preparation for Terminal 1 project.
- Municipal Green Building Task Force (12 City Departments):
 - Department of Building Inspection outlined new DBI green building submittal forms for Interior Commercial Tenant Improvement.
 - Department of Public Health introduced Article 38: Building and Health Code Amendment.
 - Public Works and Planning staff presented their green roof tour in Switzerland.
 - SF Environment presented Pest Prevention by Design, a new protocol for excluding pests during design and construction.
 - SFPUC Commissioning Program Manager outlined the Civic Center campus LEED application for 7 historic buildings.
 - SF Environment presented an overview and early results from the Existing Commercial Buildings Energy Performance Ordinance.
- Green Building Education
 - Administering the city's Gold level USGBC membership benefit of 150 hours of continuing education for city design professionals.
 - Advising Public Works Green Building Committee on LEED Accreditation.

- Green Building Tours given of SF Environment Office and EcoCenter
 - Green Meeting Industry Council
 - Ministry on the Environment, Buenos Aires
- Tours completed
 - SF's Alternative Water Supply System
 - Square Office
- Green Building Events/Participation
 - ADPSR Green Materials Showcase
 - Water Conservation Showcase
 - District Energy workshop: design, financing, implementation.
 - Healthcare 2030: aging and technology
 - Green Building mentorship group
 - Workplace Performance: Strategies for Indoor Environment and Occupant Engagement

GreenFinanceSF – Rich Chien

- GreenFinanceSF staff hosted pre-bid meeting for teams interested in proposing for the residential PACE RFP. Cal Broomhead will serve on review panel.
- GreenFinanceSF staff met with California Energy Commission for Critical Program Review meeting regarding ARRA/State Energy Program grant intended for credit enhancements to support commercial PACE. Staff has submitted a new proposal to repurpose funds to support new residential PACE program.
- GreenFinanceSF staff is assisting Earthquake Safety Implementation Plan and Controller's Office of Public Finance in RFI and RFP process to select new capital providers for soft-story financing which has been added to the GreenFinanceSF PACE program.
- GreenFinanceSF staff presented green building code updates at a Hotel Council of San Francisco special seminar; commercial PACE (ReNewAll), and 2013 Title 24 updates (Gabel Associates) were also presented.
- GreenFinanceSF projects in the pipeline
 - "5 building pilot": ~ \$5M in projects. Well known global financial institution is working with large multifamily portfolio owner to do combination of energy and seismic projects.
 - Large class A multitenant office building ~ \$1M project.

Private Sector – Barry Hooper and Rich Chien

- San Francisco Green Building Code (2013) was approved by the California Energy Commission – continuing San Francisco's requirement for new large commercial buildings to meet LEED Gold, and new residential buildings to be GreenPoint Rated. Updates to implementing regulations were approved by the San Francisco Building Inspection Commission.
- GB staff (RC and BH) has been working with private sector building industry stakeholders and key city departments (DPW and Real Estate) to establish a 2030 District new "high performance" building district that shares goals, information and best practices to reduce energy, water, and transportation-related emissions by 50% *in aggregate* by 2030 (with incremental 2015, 2020, and 2025 targets). Districts are now established in Seattle, Denver, Los Angeles, Pittsburgh and Cleveland. Architecture 2030 (the nonprofit organization which oversees and promotes these efforts), recently provided the "emerging district" designation to SF due to our successful enlistment of three property owner members. The district will serve as another engagement vehicle to promote participation in SF Energy Watch, ECB Ordinance, and GreenFinanceSF.
- Private sector green building team (BH and RC) convened two workshops for energy auditors and other energy service companies to introduce new resources (Investor Confidence Project protocols, Helios Building Investment Operating System, and ReNewAll's PACE project development services) that aim to leverage benchmarking and audit data from the Existing Commercial Buildings Energy Performance Ordinance in order to increase project implementation and energy efficiency project deal flow.

- In partnership with USGBC-California, rallied representatives of 39 companies, non-profits, and trade groups representing 600 million square feet of commercial real estate in CA to ask the CPUC to support transparency about building energy performance by making whole building energy use data available to building owners upon request. CPUC failed to respond; legislation may be required for relief. (BH)
- With cities of Los Angeles, San Diego, Chula Vista, and Santa Monica, participating in USDOE Better Buildings Data Accelerator, where utilities and cities agree to provide at least 50% of local markets with access to whole-building energy data for benchmarking. (BH)
- Participating in USDOE Building Energy Data Exchange Specification Technical Working Group and Policy Working Group, developing consistent data framework for energy services and analytics. (BH)
- Participating in City of Berkeley Technical Advisory Committee designing energy performance disclosure and audit policy similar to SF Existing Commercial Buildings ordinance.
- Invited by Tokyo Metropolitan Government to present SF green building policies at city policy forum, and to participate in C40 Cities Private Sector Building Energy Efficiency Network.
- Reviewing PG&E Large Integrated Audit and Retrocommissioning programs for compliance with SF ECB requirements.

TOXICS REDUCTION/GREEN BUSINESS

- With Environment Now, 19 nail salons recognized as healthy nail salons
- All 5 custodial companies in green cleaning pilot program are now recognized green businesses
- With Environment Now, launched disposal campaign for artists- presented and educated at 70 art studios/art schools about proper disposal of hazardous waste

URBAN AGRICULTURE/ URBAN FOREST

- No report submitted

ZERO WASTE

- With Environment Now, conducted composting and recycling e-education at 36 apartment buildings (2,330 units).
- With Environment Now, got 83 commercial accounts mandatory composting compliant.
- Recovered 92% and 1,013 tons at 2712 Broadway demolition, and 86% and 68 tons at 562 28th St. demolition.