



CITY AND COUNTY OF SAN FRANCISCO
COMMISSION ON THE ENVIRONMENT DIRECTOR'S REPORT

September 30, 2014

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This report covers San Francisco Department of the Environment updates for the months of July and August 2014

Outreach to residents

- ZERO WASTE AND OUTREACH: Rolled out composting to 62 apartment buildings (1,011 units) and recycling to 18 (336 units), conducted recycling and composting re-education at 25 (1,711 units), trained maintenance staff at 1 (241 units) and audited 32 (4,897 units).
- ZERO WASTE AND OUTREACH: Postcards promoting composting participation were sent to 5,000 multi-family residents in the NE part of the city on July 17th (District 3).
- ZERO WASTE: Rolled out composting, recycling and conducted outreach at 200 Randolph (16 Housing Authority units) and trained 4 staff members at Hunters View (111 Housing Authority units).
- ZERO WASTE: Trained 120 SFSU resident advisors on zero waste.
- ENERGY: Presented Home Upgrade program on live TV to the SF Environment commission.
- GREEN BUILDING: Leading mentor group for emerging green professionals.
- ENVIRONMENTAL JUSTICE: Provided IPM training to peer leaders and tenants at Sunnydale and Hunters View public housing sites, and preparing to provide IPM training of tenants and peer leaders at Alice Griffith Public Housing Development.
- ENVIRONMENTAL JUSTICE and ENVIRONMENT NOW: Will work with the Visitacion Valley Strong Families Collaborative to provide Cantonese-language IPM training in October to a support group for Chinese residents.
- ENVIRONMENT NOW AND ENVIRONMENTAL JUSTICE: Environment Now has been working with the Environmental Justice team as part of the Mayor's Office IPM Pilot Program in SF Housing. In November of 2013, Pestec (in partnership with our Department and the Mayor's Office) began visiting residents of 2 Housing Authority sites in District 5 (Plaza East and Westside Courts) to service their units. Environment Now staff visited the residents as well, in order to survey the residents about their pest problems, explain the reason for Pestec's visit, and provide information about healthy ways to clean and deal with pests. In July and August of 2014, Environment Now conducted post-intervention surveys to see how satisfied to residents were with the IPM services. Out of 303 residents, we spoke with 174, and 152 completed the survey. 135 of those residents reported a score of 4 or 5 (5 being the highest) for the effectiveness of the IPM work done in their unit. Complete survey results will be reported on in October.
- ENVIRONMENTAL JUSTICE: Convened meeting with brownfields project's Advisory Committee; and will work with Black Coalition on AIDs to organize a tour of brownfield sites in Bayview.
- ENVIRONMENT NOW: The Environment Now team kicked off the 2014-2015 school year by conducting Safe Routes to School outreach at 10 different schools in Districts 2,5,6,7,9, & 11. Our team spoke with 187 parents at kindergarten and new student orientations, encouraging the parents and the school staff to get involved with the Safe Routes to School Program and to participate in Walk and Roll to School Day on October 8th.
- SCHOOL EDUCATION: Gave 3 assemblies and presentations to 385 students at 3 schools (Districts 3, 5, 10).
- WEB: Created new food waste prevention content "Love Food", 19 pages soft launched in September.
- WEB: Revamped Toxics and Health Section of website geared towards audience-focused content.
- OUTREACH: submitted advertising content for November election voter information packets.

Outreach to businesses

- ZERO WASTE: Diverted 99% and 8,646 tons at 1450 Franklin, 96% and 124 tons at 2342 Washington, and 37 tons and 73% at 1710 Diamond demolitions. Met with managers at DPW Street Use and Mapping to discuss partnering on debris box compliance. Completed debris recovery specifications for municipal projects and distributed them to all applicable departments (DPW, MTA, PORT, RPD, SFO and SFPUC). Got 20 commercial accounts composting service compliant. Conducted zero waste training for retail tenants and management at Archstone SOMA (as a direct result of informing them they faced a processing charge). Trained 12 Starbucks store managers on recycling and composting.
- ZERO WASTE: Got 187 commercial businesses composting and 86 recycling compliant.
- ZERO WASTE: Diverted 19 tons and achieved 82% diversion at 115-117 Palm Avenue and 85 tons and 93% diversion at 2526 California demolitions.
- ZERO WASTE: Received commitment from USPS to start refuse assessments at sites.
- ZERO WASTE: Trained representatives of Department of Emergency Management on debris recovery terms, concepts and laws. Met with DBI to incorporate debris recovery requirements in their new website. Renewed Big For Hauling and Demolition Registration after inspection of facility (District 10).
- ENVIRONMENT NOW: From mid-July through the end of August, Environment Now visited 496 businesses for commercial zero waste outreach. After a visit from our team, 350 of the businesses were deemed compliant, which translates into a 71% compliance success rate.
- GREEN BUILDING: Ongoing review of benchmarking and energy audit reports, and performing outreach to building owners and operators, re-compliance with SF's Existing Commercial Building Energy Performance Ordinance.
- GREEN BUILDING: Ongoing outreach and marketing to building owners re commercial PACE program.
- ENERGY (SF Energy Watch): Presentation at the Small Business Association - SF office. A total of 15 operating and start ups attended the presentation. Wrap-up the Title 24 Campaign outreach efforts, compiled data and analyze results. SF Energy Watch auditors conducted 10 assessments in commercial and 2 in multifamily properties; current projects 37.
- ENERGY (Refrigeration Pilot Project): During July, site visits were conducted at Lori's Diner, Earl's Organic Produce, Orchard Hotel and Orchard Garden Hotel. At these sites, customer surveys and equipment surveys were carried out and monitoring equipment was installed at three of these locations. Pre-monitoring of existing equipment for three customer locations was also completed. Staff worked with two new customers to replace their old refrigeration units, one refrigerator and one freezer. Staff also initiated a review and revision of the original scope and budget for this project.
- TOXICS REDUCTION AND OUTREACH: Very Small Quantity Generator Outreach Campaign – outreach about safe disposal of hazardous waste to 150 Auto Body and Auto Repair Shops, reached out to and conducted Outreach to 155 Print Shops about safely disposing hazardous waste (all districts).
- TOXICS REDUCTION AND OUTREACH: Healthy Nail Salon Program – continued outreach, recognition and training 5 salons trained in districts 5 & 8; 1 recognized in District 1.
- TOXICS REDUCTION: Green Business Program Green Sphere Business Exchange – exclusive structured networking event for recognized Green Businesses. Michael Parks of BC3 presented.
- TOXICS REDUCTION: Developing pest prevention guidance for property managers.

Outreach to City Departments

- ZERO WASTE: Trained 122 DPH and SFMTA employees on zero waste. Conducted 5 Fire station refuse audits. Met with California Academy of Sciences to discuss recyclable and compostable foodware.
- ZERO WASTE: Met with DPH, SFPUC and SFMTA to discuss bottled water ban implementation at events with street closures.
- ZERO WASTE: Met with Office of Contract Administration to discuss City government refuse contract. Completed evaluation of janitorial papers bids to determine if products submitted meet recycled-content, bleaching and green certification requirements.
- ZERO WASTE: Trained 100 DPW and MTA Sustainable Streets staff on zero waste.

- ENVIRONMENTAL JUSTICE AND TOXICS REDUCTION: Environmental Justice (Sraddha and Anne) and Toxics Reduction (Chris) met and are communicating with Mayor's Office of Housing staff regarding public housing conversion process and IPM training of SFHA and non-profit property managers.
- ZERO WASTE AND TOXICS REDUCTION: Met with the two new assistant directors at Office of Contract Administration to discuss how to best integrate environmental specifications into City's purchasing process.
- TOXICS REDUCTION: Working with SF Fire Department to introduce a pilot green cleaning program in firehouses
- TOXICS REDUCTION: Green Business Team Bi-Annual Meeting – updates to SFDPH and SFPUC on stats, projects, campaigns, updates, and discussion on all things SF Green Business Program.
- GREEN BUILDING: LEED version 4 study group at DPW for architects, engineers and planners.
- GREEN BUILDING: Participating on DPW Green Building Committee.
- GREEN BUILDING: Municipal Green Building Task Force: Title-24 2013, CalGreen, LEED v4, LEED registration and certification timelines.
- GREEN BUILDING: Municipal Green Building Task Force: Resilience-Based Earthquake Design and Carbon-sequestering concrete, SFPUC LEED for Existing Buildings.
- ENERGY: To Department of Building Inspection to offer them training and secure our access to construction sites, energy ordinance development. PUC on water conservation, water-energy policy comment to State, Net Energy Metering rule development to State. Public Health on indoor air quality and homes in the asthma corridors. Controller: preparation for PACE interviews.
- CLIMATE: Controller's Office on data presentation and management.
- PARTNERSHIPS: Collaborating with Arts Commission on environmental mural in BVHP.
- PARTNERSHIPS: Collaborating with Dept Children, Youth and Families to get environmental curriculum (primarily energy) into after-school STEM (Science, Technology, Engineering and Math) initiative targeting girls and people of color.
- PARTNERSHIPS: Attended Market Street prototyping conference with Planning Dept.

New/Revised Legislation and/or City Hall activity

- ZERO WASTE: Prepared Director for meeting with Supervisors Wiener and Breed to discuss leading process with beverage dealers and others to increase redemption convenience.
- ENERGY: Residential Energy Conservation Ordinance: held 3 stakeholder meetings.
- ENERGY: Solar Ordinance: held first stakeholder meeting.
- ENERGY: Capital Cost Pass Through Ordinance update: consultant started work.
- GREEN BUILDING: Municipal policy committee addressing SF Environmental Code Chapter 7 and LEED v4.

Legislation Introduced

- Farrell: Ordinance amending the Administrative Code to mandate reduction of the nonessential City vehicle fleet, implement modern technology-based systems in measuring utilization of the fleet and vehicle access, and allow the City Administrator to document the existence of and restrict assignments of underutilized vehicles; require that officers and employees seek to use car sharing services first instead of City owned vehicles; authorize the City Administrator to enter into master agreements with vendors for the procurement of car sharing services; and making environmental findings. ASSIGNED UNDER 30 DAY RULE to Budget and Finance Committee (Farrell; Avalos, Kim).
- Wiener: Ordinance amending the Environment Code to revise the composition and meeting schedule requirements for the Urban Forestry Council. ASSIGNED to Rules Committee.
- Avalos: Resolution urging the United States Congress to enact a revenue-neutral carbon tax. REFERRED FOR ADOPTION WITHOUT COMMITTEE REFERENCE AGENDA AT THE NEXT BOARD MEETING.
- Wiener: Hearing with the Public Utilities Commission, Department of Public Works, Recreation and Park Department, and the Department of the Environment to report on San Francisco's overall strategy to reduce water usage, and each department's efforts to reduce water usage, to determine whether or not to move

forward with legislation 1) to require that multi-unit buildings be separately metered for water, and 2) to require increased water recycling/reuse through City recycling plants, other means of recycling and code changes to require that new construction have the capacity to have separate new and recycled water systems. RECEIVED AND ASSIGNED to Land Use and Economic Development Committee.

Press and Media Highlights

Press Releases

- SF Environment press release: [US Green Building Council Awards San Francisco Department of the Environment LEED Platinum Certification](#) (7/1/2014)
- SF Environment press release: [Mayor Ed Lee Congratulates Outside Lands for Keeping it Clean and Green](#) (8/9/2014)

Press Activities

- TOXICS REDUCTION: Joint press event with SF Environment and EPA Region 9 about Green Cleaning pilot program and training. Press Event was held on September 24th at Mission Bay Pavilion District 6.
- CLEAN TRANSPORTATION: Mayor Lee statement included in PR for media event launching Bay Area Fleet EV Procurement, in which SF and 9 other jurisdictions are purchasing 90 EVs (14 in SF) through a grant from Metropolitan Transportation Commission.
- Zero Waste: Conducted interview with Japanese Broadcasting Corporation about SF's bottled water policies.
- SF Bay Crossings: [S.F. Program Focuses on Apartments and Business to Achieve Zero Waste](#)

Press Coverage

- ZERO WASTE: KALW aired "Zero Waste in San Francisco is a 2020 Vision". Interviewed for NPR's Science Friday on composting and recycling.
- GREEN BUILDING: Interviewed for the Registry's Q Magazine on Environmental Product Declarations and Health Product Declarations (EPDs and HPDs), material transparency disclosures.

Staff Changes

- Luke Easdale is splitting time between Energy and Outreach teams and is reporting to Outreach Manager while Friday Apaliski is on maternity leave.
- Calla Ostrander resigned (5642 Climate Manager).

Grants Submitted (who/amount/grant summary)

- CLEAN TRANSPORTATION: Signed on as partnering organization with Charge Across Town's application to 11th Hour Project, for solar/battery/EV chargers in San Francisco (\$10,000 to SF Environment for site coordination and data evaluation).
- ENERGY: to USDOE SolarPathways, \$1.4 Million for PV and battery storage on critical facilities and planning for microgrids to support neighborhoods post disaster.

Grants Received (who/amount)

- TOXICS REDUCTION: Received additional grant funds in amount of \$62,500 from PhRMA in support of Safe Medicine Disposal Pilot Program.

Public Events/Conferences (e.g., conferences attended, speaking engagements, travel for work, etc)

- ZERO WASTE: Participated in telepresence meeting with Mayor of Bangalore, India and others in effort to assist our sister city in moving from their solid waste crisis toward zero waste. Hosted Mayor of Wellington, New Zealand for extensive zero waste discussion. Hosted zero waste professionals from Sao Paulo, Brazil on tour of Recology facilities and discussion. Met with Friends of the Earth Japan Director of Resource Policy to discuss San Francisco's bag, bottled water and foodware policies. Participated in C40 webinar on Milan's integrated waste

management system. Met with EPA and Green Monday (Hong Kong's largest sustainability organization) to share our zero waste programs and policies. Presented on USDA Webinar "Cities and Counties Leading Efforts to Reduce Food Waste." Met with NYC Councilmember to discuss our zero waste policies and programs. Advised City of Santa Barbara on their rollout of residential food scrap composting. Attended Green Sports Alliance Summit in Santa Clara, where SF Giants presented on their zero waste efforts (they achieved 94% diversion in 2013). Discussed debris recovery ordinance with San Antonio Office of Sustainability. Hosted "Green Streets" movie followed by panel discussion at SF Environment. Facilitated workshop with Sustainable Citizen and Environment Now. Presented to 50 event planners at Freeman's Thinking Thursday on our zero waste policies and programs.

- ZERO WASTE: Presented on SF's bottled water policies, and organics policy and programs and moderated on compostable plastics at California Resource Recovery Association conference in San Jose.
- ZERO WASTE: Met with City of Vancouver solid waste managers. Presented on zero waste and conducted facility tours for Costa Rica Health Ministry.
- ZERO WASTE: Participated in Global Opportunity panel workshop facilitated by DNV GL on identifying solutions
- DEVELOPMENT: Presented to delegation of 30 Chinese business people on SF Environment and CCSF initiatives.
- DEVELOPMENT: Participated in Southeast Non-profit resource fair with 13 other CCSF departments that make grants.
- DEVELOPMENT: Invited to participate in CA Dept of Ed Environmental Literacy Task Force.
- PARTNERSHIPS: Presented to State Department delegation of academics and senior government staff representing 20 different countries.
- PARTNERSHIPS: Gave comments on Strategic Growth Council on next round of funding; Sustainable Communities and Affordable Housing.
- PARTNERSHIPS, CLIMATE, and DIRECTOR: Attended California Adaptation Forum (Debbie, Sachiko, Shawn).
- COMMISSION: A Commission community meeting will be held at CCSF, 1125 Valencia Street on Tuesday, September 30, 5 p.m. The September 23 meeting will be rescheduled to this date.
- SCHOOL EDUCATION: Presented to 150 Chinese students who visited the Eco-Center.
- ENERGY: Intersolar: held July 7-9 in SF
- ENERGY: BayREN forum on Water-Energy nexus and opportunities
- ENERGY: BayREN evaluation at CPUC starts, 3 month process
- ENERGY: BayREN in-person monthly meeting in Napa, 7/25
- ENERGY: BayREN workshop on proposal development for 2016 cycle (due Feb/March 2015) several separate subgroups started and held meetings
- ENERGY: Agrion: Decentralized Grid at SF Ferry Bldg 7/22
- ENERGY: Sustainability at Scale workshop at Facebook
- ENERGY: American Council of Energy Efficient Economy Conference: Broomhead out Aug 18-22
- ENERGY: USDOE Zero Net Energy-Ready Homes training at Pacific Energy Center
- ENERGY: Local Government Sustainable Energy Coalition meeting: programs, policies, regulatory issues, Oakland
- ENERGY: BayREN monthly meeting to discuss the recent CPUC Proposed Decision on future funding in San Mateo
- ENERGY: Energy Upgrade CA quarterly stakeholder meeting on marketing and programs
- ENERGY: Institute of Real Estate Management: property management, energy benchmarking and labeling
- ENERGY: SPUR: Kick-off meeting for Fossil Free Bay Area
- ENERGY: CPUC workshops on EM&V quarterly stakeholder meeting, for Codes and Standards, for RENs.
- ENERGY: USDOE: Home Energy Score coordination and results of modeling runs
- TOXICS REDUCTION: Presented to delegation of 30 Chinese business people on SFE and CCSF initiatives.
- TOXICS REDUCTION: Participated in Southeast Non-profit resource fair with 13 other CCSF departments that make grants.
- TOXICS REDUCTION: Invited to participate in CA Dept of Ed Environmental Literacy Task Force.
- TOXICS REDUCTION: Special IPM meeting focusing on bedbug control – attended by almost all SFHA property managers, some nonprofit housing developers. Full house – 57 attendees.

- TOXICS REDUCTION: California Green Business Network (CAGBN) State meeting – in Santa Cruz, discussed at the state level CAGBN budget, plans, strategies, BMPs, and workplan.
- TOXICS REDUCTION: met with European Environmental Bureau re: product stewardship and chemicals policy
- TOXICS REDUCTION: California Green Business Network (CAGBN) state meeting (Anna).
- TOXICS REDUCTION: Green Business Mixer at 25 Lusk (Anna and Keith).
- TOXICS REDUCTION: Attended Strategic Growth Council Meeting on CAGBN's behalf (Anna).
- GREEN BUILDING: Intersolar, SFDPH Health Impact Assessment Training panel, tour at Lawrence Livermore National Labs-National Ignition Facility, Arup: Climate Change and Health.
- GREEN BUILDING: Tour at Transbay Transit Center.
- CLEAN TRANSPORTATION: Participated in Governor's Office's fuel cell vehicle workshop for local officials.
- CLEAN TRANSPORTATION: Made two presentations at the Association for Commuter Transportation Annual International Conference: 1) How SF's transportation policies and programs work together to reduce drive alone rates and 2) How to use community based social marketing techniques to change travel behavior.

Other Noteworthy items (e.g., awards, milestones, open RFPs, outgoing grants, etc)

- ZERO WASTE: Submitted annual report to CalRecycle documenting SF disposed 456,764 tons in CY 2013. This is an increase of 28,716 tons (7%) from 2012 and our first increase since 2000 (not good).
- DEVELOPMENT: One 13/14 SF Carbon Fund project completed at Gateway Charter in Western Addition
- COMMISSION: Commissioner Josefowitz has resigned from the Commission. There is one vacancy on the Commission.
- TOXICS REDUCTION: Nail Salon Air monitoring study, that was conducted in collaboration with SF Environment, EPA-Reg 9 and Cancer Prevention Institute of California, was accepted for publication in the American Journal of Industrial Medicine.
- TOXICS REDUCTION: Submitted first quarterly invoice to PaintCare, the architectural paint industry's nonprofit Producer Responsibility organization, for waste paint management services the City (through Recology) provides to San Francisco residents and small businesses.
- TOXICS REDUCTION: Received first payment of \$26,000 from PaintCare for waste paint management services provided in June 2014 under paint product stewardship program (future billings to be quarterly).
- TOXICS REDUCTION: Presentation of Buy Green Report to Commission on the Environment – data on purchases of green products by City departments.
- ENVIRONMENT NOW: Environment Now is recruiting for 6 new associates (posting closed Aug 20th.)
- OUTREACH: Security updates are now complete for all SF Environment web properties.
- OUTREACH: SF Environment Thank You cards have been created for use by the Director and others as needed
- GREEN BUILDING: SF Environment / RMW architecture & interiors wins 2014 Acterra Business Environmental Award.
- GREEN BUILDING: New municipal project-Moscone Expansion and Improvement 400,000 square feet.
- GREEN BUILDING: Conducted interviews of applicants responding to RFP for residential PACE program
- GREEN BUILDING: SFO Airport Operations Facility registered for Zero Net Energy certification.
- GREEN BUILDING: New municipal projects-Rehabilitation Detention Facility (new jail), Office of the Chief Medical Examiner, Forensics Lab, GSA shops relocation, Glen Canyon Rec Center.
- CLEAN TRANSPORTATION: Through our participation in the Safe Routes to School Program, Environment Now and Clean Transportation have been awarded funding from the California Active Transportation Program. SF Department of Public Health is the primary grantee. Environment Now's funding is for outreach to San Francisco families and schools. The funding is for 3 school years, starting in the 2015-2016 school year.
- WEB: Migrated SFGreenBusiness.org to a more secure server and platform, ensuring continued success for the program
- OUTREACH: Launched new newsletter format "In case you missed it.." resulting in increased content views from our readers
- ENERGY: Applying for USEPA Climate Leadership Award for Achieving Goal (pending 3rd Party verification)

- ENERGY: Responding to American Council of Energy Efficient Economy request to turn in a City Scorecard data set
- GRANTS: Combined RFP released for:
 - 1) environmental mural in BVHP,
 - 2) bike/youth development project in Excelsior,
 - 3) garden/nutrition project at Log Cabin Ranch,
 - 4) community engagement on resiliency/adaptation/climate in BVHP (Shawn/EJ/Toxics)

Draft Activity Timeline

Activities in the Community	Aug	Sept	Oct	Nov	Dec
Commuter Benefits Ordinance Compliance Warning Mailer					
Residential PACE RFP Interviews					
Zero Waste and IPM training at Hunters View					
IPM training and outreach at Alice Griffith Housing Dev Site					
IPM training at Alemany Housing Dev Site					
Chinese-language IPM training in Visitacion Valley					
Meeting of Brownfields project's Advisory Committee					
Neighborhood TDM Pilot Program					
BayREN/Energy Watch 2015 decision due					
BayREN/Energy Watch start 2016 planning	May be moot: proposed decision freezes all programs and budgets				
Residential Energy Conservation Ordinance amendment					
Capital Cost Pass Through Update					
Energy Month (special outreach activities)					
Solar New Construction Ordinance proposal					
USDOE Solar Pathways Award letter?					
Climate Inventory verification					
Departmental Climate Action Report score cards					
Green and Blue Awards (tentative)					
Start new Dept Climate Action Plans cycle					
Municipal Report to BOS?					