



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

July 27, 2021

This report covers San Francisco Department of the Environment updates for the period of May 1, 2021 – June 30, 2021. Glossary of acronyms at bottom of report.

Residential Programs

- OUTREACH/TOXICS: On May 31, 2021 the Safer Cleaning and Disinfecting Campaign launched and will run through the end of the summer. The goal of the campaign is to raise awareness among SF residents about harms posed by many common cleaning and disinfecting products and promote safer products/disinfectants, specifically those carrying the EPA's Safer Choice label and Green Seal Label carried by local retailers. Many common cleaning and disinfecting products cause or worsen asthma and the CDC lists moderate to severe asthma as a risk factor for susceptibility to COVID-19. The primary audience is SF residents in underserved districts and the secondary target audiences are residents citywide and small businesses that do their own cleaning. The digital and print campaign is available in English, Spanish, and Chinese.
- OUTREACH/TOXICS: On May 6, 2021 Residential Toxics presented Healthy Homes – Safer Cleaning and Disinfection presentation to 23 members of the B'MAGIC monthly convener meeting.
- OUTREACH/TOXICS: Between May 1, 2021 and June 30, 2021 two ad campaigns were revived to raise awareness around recycling used motor oil and filters, one in English (digital static and search engine marketing ads) and one in Chinese (digital ads). Ads were culturally-resonant and high-performing, and directed traffic to SFE's Used Oil landing pages in English and Chinese, with details on where and how to recycle used motor oil. English ads received over 1,000 clicks and over 580,000 impressions/ Chinese ads received nearly 100 clicks and 50,000 impressions. Ads (gif and static) were also launched in English, Chinese, and Spanish to promote free oil-changing kits with valves to reduce spills for residents who change their own oil. As of June 30, 225 residents have filled out an application for oil-changing kits, with 17% of applications in Chinese.
- TOXICS REDUCTION: In partnership with the Port of San Francisco, the Used Oil Program opened its third waterfront used oil collection site located on Pier 45. These sites create a convenient drop-off location for boaters and port tenants in the area for used motor oil, oil filters, oil-soaked rags, and absorbent pillows.

- OUTREACH (Environmental Education): Gave 18 virtual presentations to 9 Schools. Reached 358 students and 19 staff members (Districts 1,2,5,7,8,9,11)
- OUTREACH (Environmental Education): Offered 5 Garden for the Environment and Recology virtual field trips to 3 schools. Reached 87 students and 4 staff members (Districts 1,3,6)
- OUTREACH (Environment Now): The Environment Now team continues to partner with community- based organizations to conduct virtual zero waste presentations to help educate residents about how to properly participate in the three-bin system. Over the past year the team has conducted 30 virtual presentations reaching over 550 participants, with 50% of those engaged being Cantonese speaking residents.
- OUTREACH/ZW: Launched market research survey targeting 800 residents in Chinese, Spanish, and English to learn more about food waste behaviors and motivations. Results will inform additional focus group research and messaging for a future food waste reduction marketing campaign.
- ENERGY: The Energy Team, in partnership with Outreach, continued to ramp-up activities for EnergyAccess SF, the latest local government partnership with PG&E. EnergyAccess SF provides residents and small businesses in San Francisco's disadvantage and low-income communities with access to energy service and rebate programs. Activities completed during the reporting period include: 1) sent mailers to pilot cohort of residents and small businesses 2) made calls to follow-up with the mailers; 3) updated tracking database; 4) conducted virtual and in-person assessments in few businesses; 5) finalized the referral process; and 6) presented a general update to PG&E's satisfaction.
- ENERGY: The BayREN Multifamily program is on track to meet its 1,216-units served goal. Activities during this reporting period include program administration and implementation.
- ZERO WASTE: Conducted 3 video assessments to evaluate for contamination or overflow, and reduced bin sizes at 3 residences. Responded to 51 public inquiries, including Wufoo complaints, voicemails and email questions. Presented at One Mission Bay resident happy hour. Reviewed Refuse Separation Compliance Ordinance (RSO) audits (8 passed, 12 failed) and sent letters. Met with 8 failed properties and 3 that passed to discuss RSO and its implications. Sent second warning letter to another building and discussed case with City Attorney. Approved RSO plans for 3 large refuse generators (LRG) with over 1,000 total units. Reintroduced recycling and composting, and reduced trash at 1 affordable housing property. Identified SFRecycles photo needs and selected stock images with Outreach. Met with StopWaste to understand Alameda's reusable transport packaging grant, developed pilot implementation plan and recruited Green Thumb Organics and The Juice Shop to participate. Presented updated event requirements, best separation practices, ordinances and contamination charge policy to 7 event companies. Collaborated with Stern Grove Music Festival to implement Bring Your Own Reusables campaign. Drafted food recovery organization survey for SB 1383.

Commercial Programs

- TOXICS (Green Business): During fiscal year 2020-2021 the Green Business Program recognized 60 businesses including: 12 Efficiency, 24 Certified, 21 Recertified (at Certified level), and 3

Innovators. Collectively Green Businesses saved: 1,520,557 lbs of greenhouse gasses, 2,095,024 kWh, 468,593 lbs of solid waste diverted, and 8,981,285 gallons of water.

- TOXICS (Green Business): During the 20-21 fiscal year, the Green Business Program (GBP) launched a campaign to recognize businesses in historically underserved business communities. As part of the campaign, the GBP provided grants to 2 community-based organizations, En2Action and Renaissance Entrepreneurship Center, to assist with recruitment efforts. The GBP also offered rebates and pre-bates to help businesses purchase products and services necessary to achieve green recognition. The program recruited 42 BIPOC-owned businesses from historically underserved communities. 24 of the BIPOC-owned businesses have already taken advantage of the pre-bate and rebate program, while the remaining enrolled businesses are in the process of completing their certification.
- TOXICS (Commercial): As part of a project funded by Healthy Babies Bright Futures, the Mayor's Innovation Project, and CalEPA, the team held a series of workshops called "Healthy Homes, Healthy Child Cares, Healthy Kids" for child care providers. Topics included flame retardants, lead poisoning prevention, and safer cleaning and disinfection. SFE partnered with the Department of Public Health to provide the workshops, which were held in English, Spanish, and Cantonese and were attended by over 60 child care providers. Attendees of the workshops who have older nap mats with flame retardant chemicals that need replacing will be provided flame retardant-free, PVC-free, and PFAS-free nap mats. This last round of training concludes the grant-funded project. Since the beginning of the project in the summer of 2020, 200 child care providers have been trained and 950 nap mats have been replaced. The majority of the providers and the children served reside in the city's historically underserved communities.
- ENERGY: The collaboration between CleanPowerSF and SFE is nearing finale. During this reporting period, PG&E made changes to its budget that adversely impacted the budget of our proposed program. The team investigated ways to mitigate these impacts. At the end, our budget has to decrease by 50%. Undeterred, the team revised the budget and anticipated energy savings goals. CleanPowerSF staff will be seeking internal approval to officially file the application with the California Public Utilities Commission in the Summer.
- ENERGY: BayREN Business activities completed in this reporting period include program administration, marketing, and implementation. Also, SFE submitted 2022 program goals and metrics to ABAG for review.
- ENERGY: The BayREN Microloan completed three outreach events, received 16 applications, and funded one loan.
- ENERGY: Suzanne Loosen completed the first phase of the 2021 US Department of Energy's San Francisco Clean Cities Coalition workplan. She also updated the public EV dashboard: <http://www.cleancitiessf.com/dashboard-1>

- ZERO WASTE: Worked with Environment Now to improve source separation at 16 small commercial accounts. Reviewed 17 commercial RSO audits (8 passed, sent notices to 9). Met with 5 LRG and approved their RSO compliance plans. Mailed out 242 courtesy notices to remaining LRG to be audited in year 3 of RSO audit cycle. Toured Chase Center and met with operations team to review zero waste standards and separation practices. Identified ~1,500 Tier 1 and Tier 2 generators as well as ~400 food recovery organizations for SB1383. Finalized scopes for food recovery capacity analysis with contractors and foodservice reuse with Golden Gate Restaurant Association (GGRA) and Upstream. Met with San Mateo County, City of Berkeley and DoorDash on how to engage with other 3rd party delivery companies around our foodware ordinances. Reached out to over 70 foodservice organizations to recruit for Kitchen Zero SF (KZSF), organized meetings with 10 businesses and our KZSF vendors, signed SFO and Blue Bottle Coffee on to program and are awaiting signed MOUs from YoSoyCeviche and CUESA. Presented to Vungle on zero waste. Represented SFE at the San Francisco Waterfront Resilience Program disaster response exercise. Performed 3 onsite inspections at registered construction & demolition (C&D) debris recovery facilities. Facilitated regional stakeholder process resulting in a policy proposal modeled on our C&D debris recovery ordinance for the California Statewide Commission on Recycling Markets & Curbside. Approved 156 material reduction and recovery plans (85 initial plans and 71 final summary reports) recovering 6,424 tons at 74%. Visited 174 addresses issued DBI permits, resulting in 23 weight ticket requests, 7 transporter registration inquiries and 16 referrals to SFPW for permitting follow-up. Supported DPH investigation and corrective action on an unpermitted C&D material processing site, including verification that materials from site were disposed in compliance. (D10)

City Department Programs

- TOXICS (IPM): Organized two meetings of the IPM Technical Advisory Committee: One an update on anticoagulant rodenticides with Dr. Niamh Quinn (UC Riverside) and one on Weed Management Areas with Peter Brastow (SFE Biodiversity Coordinator) and Doug Johnson (director of California Invasive Plant Council), with 46 and 57 participants respectively.
- TOXICS (GREEN PURCHASING): Co-launched project (with City of Santa Monica and Sustainable Purchasing Leadership Council) aimed at producing a standardized set of specifications for office supplies contracts. Goals are to make it easy for institutional purchasers to block purchases of non-green products in electronic catalogs, while making it easier for vendors to comply due to standardized requirements.
- ENERGY: The EV Team continued to collaborate with the SFMTA to expand EV charging infrastructure in municipally-owned parking lots and garages.
- ENERGY: The EV Team continued to work with the Planning Department to advance adding EV charging as a primary use (instead of a conditional use) to the Planning Code. The EV team also continued to work with the SF Police Department to draft the rules and regulations for EV Charging in Commercial Parking Garage and Lots Ordinance. The team working with the Department of Technologies to automate the compliance process – currently in Phase 2
- ENERGY: The Energy Team continues to work with the Department of Public Health and the Office of Economic Workforce and Development to design the Fix Lead SF program. During the reporting period, the team issued a request for information to parties interested in

becoming a third-party program implementer. The response was underwhelming so program staff conducted broader outreach and planned to issue a more formal, Request for Proposal in the summer.

- ZERO WASTE: Submitted 2020 Resource Conservation Ordinance and Bottled & Package Free Water Ordinance reports to Board of Supervisors. Reviewed zero waste specifications for ReproMail printing paper contract. Set up centralized collection stations for DPH and Fire Department (SFFD). Provided adequate refuse service at a Department of Emergency Management (DEM) location, Animal Care & Control (ACC) and 3 Recreation & Parks locations. Reduced interior trash, ordered internal composting and recycling bins, and relabeled and signed bins at ACC, DEM, DPH SFFD and 49 South Van Ness. Presented on zero waste to 95 city employees.

Citywide/Cross-Sector Programs or Initiatives

- ZERO WASTE: Incorporated public feedback into Climate Action Plan for Responsible Production and Consumption section and provided feedback for racial equity scan. Conducted racial equity scan of SB 289 (batteries) with Toxics and CPSC.
- OUTREACH (Sustainable Transportation): The Essential Worker Ride Home program continues to provide reliable and safe taxi rides home from work for essential employees. SFE has received 897 total applications, 300 of which have been approved, and has reimbursed more than 3,243 taxi rides home to essential workers.

Press and Media Highlights

- ZERO WASTE: Interviewed by Waste Dive on SB 1383 and SF Public Press on plastics recycling.
- COMMISSION: Mayor London Breed's nominee approved for a seat on the San Francisco Commission on the Environment, Austin Hunter was featured in the Bay Area Reporter.
- CLIMATE: Transition to net zero carbon in step with San Francisco's Environmental Goals, Debbie Raphael quoted on Levi's Plaza for clean power in the SF Examiner.

Proposals submitted and grants and contracts awarded TO the Department

- ENERGY – Submitted a proposal to CommonSpirit Health for funding to furnish and install 100 air purifiers to low-income residents living adjacent to freeways and traffic corridors. The BayREN Multifamily program will be leveraged to conduct outreach and participant recruitment.
- ENERGY – Submitted a proposal to the US DOE for \$4 million to develop shared-charging stations (for medium- and light-duty vehicles) at the San Francisco Wholesale Produce Market and car-sharing pilots in the Bayview neighborhood.
- ZERO WASTE: Awarded CNCA Game Changer Fund \$100,000 grant to develop an online Bay Area materials exchange.

Requests for Proposals issued, Contracts and grants awarded FROM the Department

- ZERO WASTE: 14 recipients of the \$1,037,000 Zero Waste Grants include: Asian Pacific American Community Center (APACC), Bike Hut Foundation, California Product Stewardship Council (CPSC), Charity Cultural Services Center (CCSC), Center for Urban Education about Sustainable Agriculture (CUESA), Farming Hope, Garden for the Environment, Literacy for Environmental Justice (LEJ), Race to Zero Waste (R20W), SF Market Corporation, San Francisco Community Recyclers (SFCR), SF New Deal, UCSF-Sustainability Program, and YMCA of San Francisco.

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

- ZERO WASTE: Presented on Virtual Warehouse at All for Reuse Alliance. Interviewed about San Francisco's zero waste initiatives for Australia's 4th Annual Waste Strategy Summit. Consulted City of Montreal on nonreusable plastic legislative pathways. Presented at University of Virginia on SF zero waste programs and at NYC Food Waste Fair 2021. Successfully collaborated with City of Edmonton, Canada to launch their multifamily recycling and composting programs. Presented at Recycle Colorado Summit for Recycling (C&D session). Presented at SFE/Recology Zero Waste Champion workshop attended by 28 champions.

New Staff and Staff Changes

- OUTREACH (Environment Now): David Gunnison-Wiseman was promoted to the Temp-5638 Outreach Assistant Coordinator position and will be assisting with some of Doug Streblov's project management and staff lead responsibilities while Doug is away on paternity leave.
- OUTREACH (Environmental Education): Monica Dwight and Jocelyne Novoa ended their terms in May as Environmental Education Associate and Aide, respectively.
- As part of Mayor Breed's Opportunities for All Initiative and the San Francisco YouthWorks Internship, the Department is mentoring four high school aged interns for a 6-week summer internship. In June, Jazmine Felix, Bianca Langlois, Paulo Lepoutre, and Aazalea Sanchez Orellana, joined the Energy Team, Environmental Education Team, Toxics Team, and Admin Team, respectively.

GLOSSARY

ABAG: Association of Bay Area Governments
 ACCO: Association of Climate Change Officers
 AOA: Apartment Owners Association
 BAAQMD: Bay Area Air Quality Management District
 BOMA: Building Owners and Managers Association
 BayREN: Bay Area Regional Energy Network
 BC3: Business Council on Climate Change
 C40: C40 Cities Climate Leadership Group
 CAEECC: California Energy Efficiency Coordinating Committee
 CAISO: California Independent Systems Operator
 CalGreen: California State Green Building Code

CARB: California Air Resources Board
CEC: California Energy Commission
COIT: Committee on Information Technology
CNCA: Carbon Neutral Cities Alliance
CPSC: California Product Stewardship Council
CPUC: California Public Utilities Commission
DBI: SF Department of Building Inspection
DER: Distributed Energy Resources
DOE: U.S. Department of Energy
DPH: SF Public Health
DOT: U.S. Department of Transportation
ECBO: Existing Commercial Building (energy benchmarking) Ordinance
EJ: Environmental Justice
EPA: U.S. Environmental Protection Agency
EV: Electric Vehicle
EVWG: Electric Vehicle Working Group
FAA: Federal Aviation Administration
FCEV: Fuel Cell Electric Vehicles
FUF: Friends of the Urban Forest
GARE: Government Alliance on Race and Equity
GHG: Green House Gas
HERO: Home Energy Renovation Opportunity HOPE SF: Housing Opportunities for People Everywhere, San Francisco
HHW: Household Hazardous Waste
ILG: Institute for Local Governments
IOU: Investor Owned Utility
IPM: Integrated Pest Management
kW: Kilowatt
kWh: Kilowatt hour
LEED: Leadership in Energy and Environmental Design Green Building Rating System
LGC: Local Government Commission
LGSEC: Local Government Sustainable Energy Coalition
NCRA: Northern California Recycling Association
NREL: National Renewable Energy Laboratory
PACE: Property Assessed Clean Energy
PEV: Plug-in Electric Vehicle
PV: Photovoltaic
RAD: Rental Assistance Demonstration
SFE: San Francisco Department of the Environment
SFECC: SF Energy Efficiency Coordinating Committee
SFEW: SF Energy Watch
SFO: SF International Airport
SFMTA: SF Municipal Transportation Agency
SFPL: San Francisco Public Library

SFPUC: SF Public Utilities Commission
SFPW: SF Public Works
SFUSD: San Francisco Unified School District
Title-24 2016: California Energy Code 2016 version
UCSF: University of California, San Francisco
UFC: Urban Forestry Council
USDN: Urban Sustainability Directors Network
USDOE: United States Department of Energy
USDOT: United States Department of Transportation
U.S. EPA: US Environmental Protection Agency
USF: University of San Francisco
USGBC: United States Green Building Council
ZNE: Zero net energy
ZW: Zero Waste