



SF Environment

Our home. Our city. Our planet.

A Department of the City and County of San Francisco

London N. Breed
Mayor

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City and County of San Francisco
Commission on the Environment

DIRECTOR'S REPORT
May 24, 2022

This report covers San Francisco Department of the Environment updates for the period of March 1, 2022 – April 30, 2022. A glossary of acronyms is included at the bottom of report.

Residential Programs

- **ENERGY:** The BayREN Multifamily program is on track to exceed its goal of 1,216 units served. Activities include recruiting new program participants and responding to online interest forms.
- **ENERGY/OUTREACH (ENVIRONMENT NOW):** EnergyAccess SF is our local government partnership with PG&E. The program focuses on facilitating access to energy programs by residents and businesses in DAC. In March, EnergyAccess SF concluded 10 months of outreach in the Bayview-Hunters Point neighborhood, directly reaching 125 businesses and 200 residents. In April, the program began outreach to the Mission/Excelsior neighborhoods and directly reached 233 residents and 27 businesses in the first month.
- **OUTREACH:** The fourth annual Climate Action Month (CAM) marketing and outreach campaign ran from March 25 through April 30. The initiative featured a central webpage that served as a hub to connect residents with over 130 live and virtual community events across the city and received over 32,000 visitors. SF Environment staff hosted five in-person and virtual events, with over 300 registered participants. Google search ads and Facebook and Instagram static and video ads marketed both the CAM landing page as well as specific SF Environment-organized events, garnering over 34,000 clicks. To reach a broader audience via non-digital channels, 1,100 bookmarks featuring the CAM webpage were distributed to the SF Public Library and a local bookstore for distribution. Flyers were also made and posted in library branches and distributed digitally to several hundred CBOs. Flyers in Chinese and Spanish directed residents to the Chinese and Spanish language CAM landing pages.
- **OUTREACH (ENVIRONMENTAL ED):** The Department's Environmental Education team reached a total of 2,510 K-5 students for Zero Waste and SFPUC water programs. The team lead assemblies for 1,601 students on Our Common Future program for grades 9-12.
- **OUTREACH (ENVIRONMENTAL ED):** As part of Climate Action Month, the Education team conducted event-based outreach to over 642 people.

- OUTREACH (ENVIRONMENT NOW): In collaboration with the Safe Routes to School partnership, the Environment Now team hosted four events at schools around San Francisco to promote Bike and Roll to School Day.
- TOXICS REDUCTION: The Toxics team delivered its "Healthy Homes" presentation to 20-25 residents at the I.T. Bookman Community Center in Ingleside.
- TOXICS REDUCTION: The Department received the 2021 Annual Report for MED-Project's safe medicine collection program for residents' unwanted medicines. MED-Project collected 24,010 pounds of medicines in 2021, with 23,121 pounds collected in drop-off kiosks and 889 pounds collected in mail-back packages. The total weight of medicines MED-Project collected in 2021 increased 9.3% compared to the weight collected in 2020. The Department will also receive the 2021 Annual Report from Inmar Intelligence – the second operator with an approved Stewardship Plan for unwanted medicines – by the end of May. This will help the Department obtain a more complete picture on the collection results of San Francisco's Safe Drug Disposal Stewardship Ordinance.
- ZERO WASTE: The Zero Waste team sent six Notices of Non-Compliance and Order to Comply, and one Second Warning Letters to MFDs audited under the Refuse Separation Compliance Ordinance. The team also approved five RSCOP's. Zero Waste also organized and conducted its Zero Waste Events Workshop, which was attended by 31 producers hosting permitted events in San Francisco. Zero Waste attended the ISCOTT hearing and approved zero waste plans submitted by permitted events. The team also assisted Noodlefest, Afterglow, Live Oak Schools, and North Beach Festival with their zero waste events plans. The team met with Chase Center to discuss reusable cups and provided resources to their Director of Sustainability. Zero Waste approved two residential compost bin removal requests and resolved three residential complaints regarding mandatory recycling and composting at their apartments. Zero Waste assisted the environmental justice team with recycling and composting rollout at Westbrook Apartments, a 200+ unit affordable housing site in District 11.
- ZERO WASTE/OUTREACH (ENVIRONMENT NOW): The Environment Now team supported the rollout of recycling and composting service at Westbrook Apartments, an affordable multi-family housing complex falling under the RSO ordinance.

Commercial Programs

- ENERGY: The BayREN Business team continued to conduct program administrative and implementation tasks. These tasks support the revamping of the BayREN Business program to serve hard-to-reach, small- and medium-sized businesses in the BayREN service territory. To that end, BayREN Business intends to work with multiple installation contractors instead of just one. The revamping will complete by July 1.
- TOXICS REDUCTION: The Antibiotic Use in Food Animal Ordinance deadline for 2021 data reporting for chicken, turkey, and lamb has been postponed to May 31. Plans for beef and pork reporting are currently being developed in collaboration with the California Grocers Association.
- TOXICS REDUCTION: The Green Business Program has recognized 93 businesses so far this fiscal year, with the goal or recognizing 100 by June 30. Among the 93 businesses recognized, nine

were in neighborhoods with a high pollution burden, according to Cal EnviroScreen 4.0. Twenty-one of recognized businesses are BIPOC-owned.

- ZERO WASTE: The Zero Waste team approved 14 Refuse Separation Compliance Ordinance Plans (RSCOP). The team finalized its Donation Best Practices trifold flyer with SFDPH in English, Spanish, and Chinese for outreach to food service businesses and for SB 1383 Tier 1 site visits. Zero Waste created a SB1383 Tier 1 inspection plan, produced outreach materials, and trained inspection team to begin conducting site visits focused on primarily 80 Wholesale Food Vendors and Food Distributors, *i.e.*, businesses that are not inspected by SFDPH. The team also met with GrubHub, DoorDash and UberEats to coordinate on AB1276 implementation.
- ZERO WASTE: The Zero Waste team sent 31 notices related to commercial Refuse Separation Compliance Ordinance audits. Zero Waste approved six RSCOPs for businesses. The team also trained consultants to conduct outreach to at least 200 small grocers regarding the pre-checkout bag requirements in English, Spanish, and Chinese in May and June.
- ZERO WASTE: For C&D debris recovery, Zero Waste approved 148 initial plans and 103 final plans (82 MRRPs and 21 DDRPs), with 14,687 tons recovered at 89.96%. Zero Waste processed and approved 27 C&D permit applications accounting for 24 debris box permits, five Tier 1 vehicle permits, 20 Tier 2 vehicle permits, three Tier 3 vehicle permits, and seven Tier 4 vehicle permits for combined revenue of \$38,181.
- ZERO WASTE/OUTREACH (ENVIRONMENT NOW): Environment now worked with 18 small businesses to conduct waste assessments to determine eligibility for removal of recycling and/or compost service as part of the Compliance Verification Process.
- ZERO WASTE/OUTREACH (ENVIRONMENT NOW): Environment Now conducted outreach to 151 food and restaurant businesses on behalf of the Rethink Disposables project aimed at helping businesses transition from single-use foodware to reusables. During this reporting period, the team recruited 14 businesses to participate. With the exception of District 7, outreach was completed across all districts.

City Department Programs

- BIODIVERSITY: The Department's Biodiversity team presented with the California Academy of Sciences to the Treasure Island Development Authority Sustainability Committee.
- BIODIVERSITY: The Biodiversity team convened monthly meetings of the Biodiversity Interagency Working Group, which included a SF Environment presentation on Unprotected Lands in San Francisco as well as a presentation from the Earth Law Center on a proposed Rights of Nature Ordinance for San Francisco.
- CLEAN TRANSPORTATION/ELECTRIC VEHICLES: The Department initiated a partnership with ADM's Central Shops to plan activities in support of developing its "Blueprint," a comprehensive plan to electrify the City's medium- and heavy-duty vehicles and install accompanying charging infrastructure. Funded by a CEC grant, the Blueprint is expected to be completed by end of 2023.
- ENERGY: The Energy team finished the "2022 Energy Efficiency Action Plan" for the SFMTA. The team collaborated with the SFMTA and SFPUC to assess energy efficiency and electrification

opportunities at twelve SFMTA facilities. These assessments are intended to identify actionable efficiency measures and develop an Energy Efficiency Action Plan to assist the SFMTA with achieving their energy reduction goal of 5% reduction portfolio wide.

- TOXICS REDUCTION: The Toxics team virtually convened two integrated pest management (IPM) technical advisory committee meetings. The March 10 meeting, titled "IPM, It's for the Birds! Feral pigeon management," had 41 attendees. The April 14 meeting, titled "Pooches vs. Pests: Conservation Detection Dogs, A Novel Innovative Tool for IPM?" had 35 attendees. The team offered IPM training to PUC staff on April 26-27, which saw a total of 17 attendees.
- URBAN FORESTRY: Urban Forestry Council approved, and staff sent to the Mayor's Office and the Board of Supervisors, the 2021 Urban Forestry Report.
- URBAN FORESTRY: Urban Forestry Council approved two resolutions that staff forwarded to Mayor's Office and the Board of Supervisors, to recommend, respectively, a cork oak and a coast redwood tree, for Landmark Status.
- URBAN FORESTRY: Staff made presentations on the Healthy Ecosystems Chapter of the Climate Action Plan to both the Urban Forestry Council and its Planning and Funding Committee.
- ZERO WASTE: The Zero Waste team presented on zero waste to 27 city employees. The team attended the Sustainable Purchasing Leadership Council (SPLC) Packaging Action, Peer Learning Circle, and Circular Economy Procurement Learning Circle monthly meetings.

Citywide/Cross-Sector Programs or Initiatives

- BIODIVERSITY: The Department's Biodiversity team presented CAP Healthy Ecosystems Chapter actions to C40 Urban Nature Declaration cities via webinar.
- CLEAN TRANSPORTATION/ELECTRIC VEHICLES: The Planning Commission approved proposed legislation to update the Planning Code. The proposed update includes definitions of electric vehicle charging location and fleet charging; notes where charging locations are allowed by right; and includes updates to the Zoning Tables.
- CLEAN TRANSPORTATION/ELECTRIC VEHICLES: The team continues to experience challenges in getting the accept and expend resolution passed for the \$2.5 million CEC light-duty vehicle grant. The grant will raise EV public awareness, enables the hiring of a city-wide EV ombudsperson, build a fast-charging hub in a disadvantaged community, and implement an electric bicycle pilot program for app-based delivery workers.
- TOXICS REDUCTION: The Toxics team organized a training program with the Controller's Office City Performance Unit for SF Environment staff to learn Power BI, a data-cleaning and visualization tool. Staff from the Climate, Outreach and Toxics teams participated in the training.
- ZERO WASTE: The Zero Waste team developed a Memorandum of Understanding between SFDPH and SF Environment regarding inspections of SB 1838 Tier 1 and Tier 2 commercial edible food generators. The team revised the Zero Waste landing page listed under the Climate Action Plan. The team also submitted its Initial Jurisdiction Report to CalRecycle for SB 1383 compliance.

Press and Media Highlights

- [Electric Shocks: The U.S. Cities Where People Are Spending the Most – and the Least – on Energy Bills](#) (Realtor)
- [San Francisco targets fossil fuel-powered landscaping tools for extinction](#) (SF Bay)
- [Hundreds of City Workers plan to March Down Market St in Protest of Mayor's Refusal to Safely Staff City Services](#) (PR Newswire)
- ['The Theft of Our Land': In Newsom's \\$100M Landback Proposal, Indigenous Advocates See Progress – and Have Questions](#) (KQED)
- [San Francisco's bottle recycling program blasted by advocates: 'It's absurd'](#) (SF Chronicle)
- [Year-Round Climate Action in San Francisco](#) (Mayor London Breed on Medium)
- [Fun, free, cheap: What to do in San Francisco this week](#) (SF Examiner)
- [City Blasts SF Environment Head for Appearance of 'Pay to Play,' Says Recology Tried to Influence Her With \\$25K Donation](#) (SF Standard)
- [SF Environment Director Resigns as City Hall Corruption Scandal Claims Another Top Official](#) (SF Standard)
- [SF's Environmental Agency Under Scrutiny After Director Asked Recology for \\$25K While Awarding Lucrative Trash Contract](#) (SF Standard)
- [Report slams environmental official for "lax tone" on ethics](#) (SF Examiner)
- [City Hall corruption: SF Environment employees 'repeatedly' violated ethics rules, report says](#) (SF Chronicle)
- [S.F. City Hall corruption: Another top official resigns amid bribery probe](#) (SF Chronicle)
- [SFO On Track To Become Zero-Waste Airport, Seeks To Divert 80% Of Trash By Next Year](#) (CBS Local)
- [Drive to Zero: 100% Zero-Emission New Truck and Bus Sales & Manufacturing by 2040](#) (CALSTART)

Proposals submitted and grants and contracts awarded TO the Department

- CLIMATE: On April 12, a contract agreement not to exceed \$14 million for SFE to work with Rebuilding Together SF on a program to reduce childhood lead poisoning in San Francisco residences, for the five-year period of March 1, 2022, through February 23, 2027.

Requests for Proposals released, and grants and contracts awarded FROM the Department

- OUTREACH: On March 15, WageWorks, Inc./HealthEquity was awarded a contract to administer commuter benefits services for the City & County of San Francisco (RFP issued January 10, 2022, to February 15, 2022).
- OUTREACH: On April 22, FivePaths LLC was awarded a contract to collaborate with the Department to design, develop and administer any needs SF Environment might have related to its outreach efforts online (RFP issued February 1, 2022, to March 10, 2022).
- TOXICS REDUCTION: As part of pilot Toxics Reduction Grant Program, \$26,360 was awarded to the Bay Area Video Coalition to create two public service announcements about reducing toxics.
- TOXICS REDUCTION: As part of pilot Toxics Reduction Grant Program, Tech Exchange was awarded \$38,640 to pick up used computers from local businesses, refurbish them and distribute them to families and students in San Francisco with limited technology access.
- ZERO WASTE: The Zero Waste team received and reviewed two responses to the Zero Waste Professional Services RFP, which will be awarded in May and will begin by July 1, 2022.

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

- BIODIVERSITY: The Biodiversity team presented at Golden Gate Heights Park to Sunset Nature Advocacy Partnership (SNAP), a collaboration of Nature in the City, Sutro Stewards, and Garden for the Environment, and focused on the City's Climate Action Plan Healthy Ecosystems Chapter.
- BIODIVERSITY: The Biodiversity team provided a Yerba Buena Island natural history educational tour to students at the Life Learning Academy Charter School on Treasure Island.
- OUTREACH (ENVIRONMENTAL ED): The Department's Environmental Education team, as a partner within the San Francisco Children & Nature collaborative, coordinated with the San Francisco Recreation and Parks Department to host "Healing Our Land and Communities: San Francisco Youth Take Climate Action," part of a citywide Youth Service Day at Lafayette Park, Louis Sutter Playground, Gilman Playground and Glen Park. The team hosted climate-focused service projects and led Science Technology Engineering and Math (STEM)-focused activities, including habitat restoration, park beautification, and hands-on nature play activities. The team reached 22 community members across five districts during these events.
- OUTREACH/ENERGY: As part of Climate Action Month, SF Environment hosted an electrification and electric vehicle-focused virtual workshop with approximately 200 residents registered. This event was in partnership with Drive Clean Bay Area and SFPUC.
- OUTREACH/CLIMATE: As part of Climate Action Month, SF Environment hosted a Bike Ride for Climate Action in collaboration with the SF Bicycle Coalition and the Department of Recreation and Parks. During the ride, stops were made to hear from various speakers who recounted how San Francisco is taking climate action. Speakers included Supervisor Gordon Mar and SFMTA Director Jeff Tumlin. There were more than 70 event registrations and nearly 50 attendees.

- OUTREACH (ENVIRONMENTAL ED): Esther Tang, SF Environment's Environmental Education Coordinator, represented the Department at The Science of Knowledge, which was hosted by Learning & the Brain in New York on April 1-3.
- OUTREACH (ENVIRONMENTAL ED): Gianna Fazioli and Esther Tang, SF Environment's Environmental Education Coordinators, participated in a series of Culturally Responsive Supervision Workshops hosted by Be The Change.
- OUTREACH (ENVIRONMENTAL ED): Yeimy Cifuentes, the Department's Environmental Education Aide, represented SF Environment during her talk about spiders and their ecological importance at the California State University, Northridge, Ecology and Evolution Club Meeting on March 4.
- OUTREACH (ENVIRONMENTAL ED): The Department's Environmental Education team participated in the Bay Area's Science Festival: Discovery Day at Oracle Park on April 24, which was organized by UCSF and reached over 400 youth and families.
- TOXICS REDUCTION: The Toxics team conducted outreach at Sunday Streets in the Tenderloin, engaging more than 40 people.
- TOXICS REDUCTION: Several staff attended the San Francisco Estuary Institute's PFAS Summit about sources of PFAS contamination in Bay fish, which included discussion with communities that consume Bay fish.
- TOXICS REDUCTION: The team presented at the Northeast Waste Management Officials Association's Science of PFAS Conference regarding efforts to reduce demand for PFAS-containing products.
- ZERO WASTE/DEPARTMENT: Several SF Environment staff attended the Northern California Recycling Association Conference on March 15.
- ZERO WASTE: The team joined the Mayor's Disability Council forum to discuss support for small businesses to provide equitable and consistent access to guests. The team met with City of Boston consultants to discuss best practices for compost program implementation in the residential sector.

Gifts and Ethics Updates

- Designated staff and Commissioners all successfully completed Form 700 and associated filings by the April deadline.
- Retiring or leaving employees (Robert Haley and Debbie Raphael) also successfully completed a leaving Office Form 700 on time. Incoming employees (Tyrone Jue) also successfully completed an assuming Office Form 700 on time.
- Behested payment legislation training and discussion was provided by the City Attorney's Office to SF Environment senior staff involved with contracting and grants.

- To date for the fiscal year, the Department has received one gift: two used chairs for the ECOCenter, each worth \$255.

New Staff and Staff Changes

- COMMISSION AFFAIRS: Kyle Wehner joined the Policy and Public Affairs team as a 1543 Commission Affairs Officer. Kyle previously worked for Homebase, a San Francisco-based public policy nonprofit focused on homelessness.
- TOXICS REDUCTION: Shoba Iyer joined the Toxics Reduction Municipal Program as 5642 Senior Coordinator. A trained toxicologist, Shoba previously worked for ten years at the California State Office of Environmental Health Hazard Assessment.
- TOXICS REDUCTION: Jessian Choy's last workday as 5638 Municipal Toxics Reduction Coordinator was April 22.
- URBAN FORESTRY: SF Environment posted a job announcement for a newly approved position, 5640 Urban Forestry Coordinator (part-time).
- CLEAN TRANSPORTATION/ELECTRIC VEHICLES: Suzanne Loosen's last workday as a 5640 Clean Transportation Program Coordinator was April 4. Nicole Appenzeller celebrated her one-year anniversary.
- ZERO WASTE: The Department hired Anne Wong as the 5638 City Government Zero Waste Asst. Coordinator, Kat Hanrahan as the 5638 C&D Zero Waste Asst. Coordinator, and Jessica Narvios as the 9922 Residential Zero Waste Associate. James Slattery was promoted to the 5642 C&D Zero Waste Sr. Coordinator. David Gunnison-Wiseman was promoted to 5640 Engagement Coordinator with Environment Now.

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
LBNL: Lawrence Berkeley National Laboratory
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