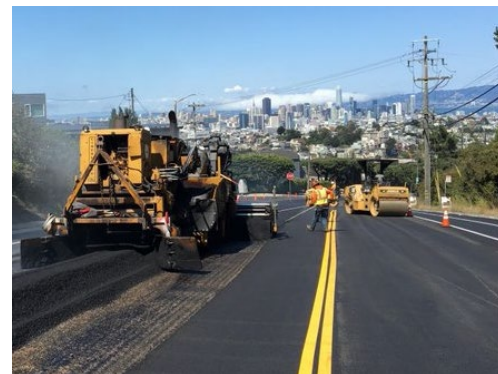
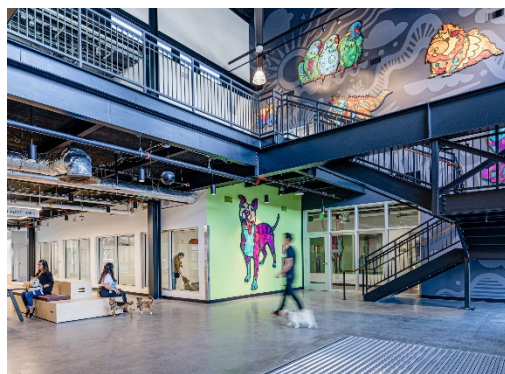
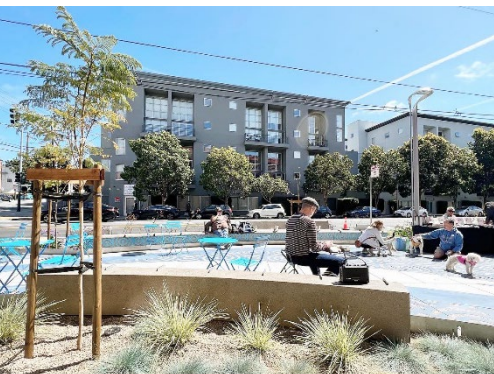


June 24, 2024

San Francisco Public Works and SF Environment: A Collaborative Partnership

Carla Short
Director of Public Works



Today's Agenda

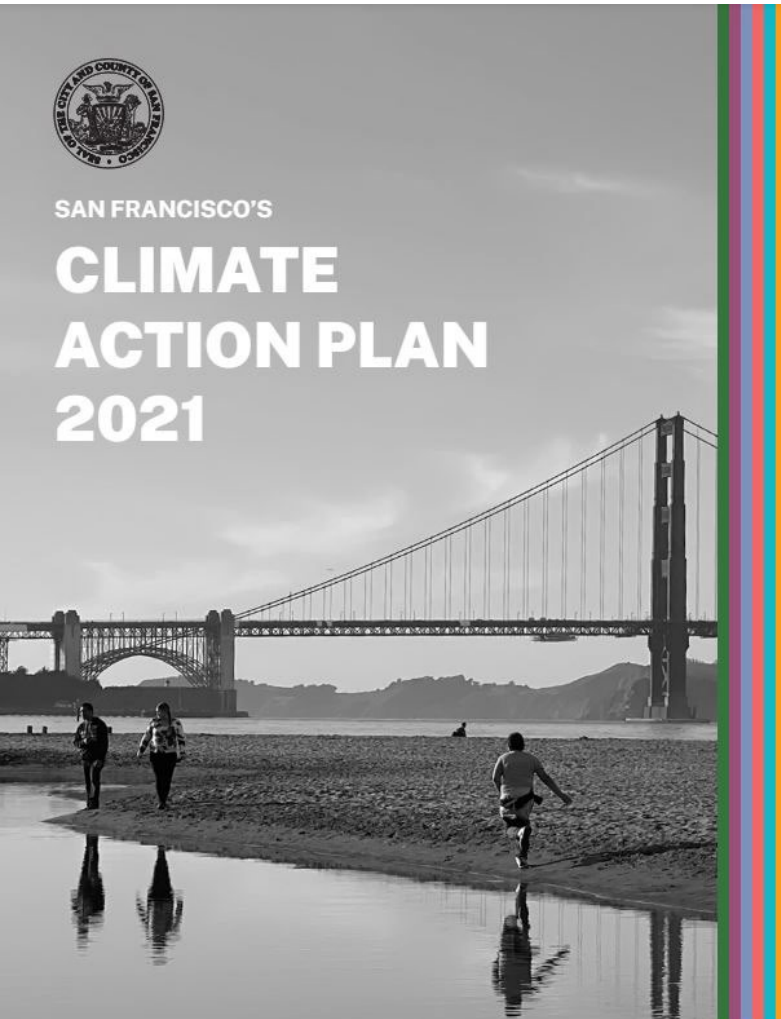
- Biodiversity Interagency Working Group
- Green buildings and collaboration between SF Environment and Bureau of Architecture
- Sidewalk electric vehicle charging
- Urban Forestry Council
- Integrated pest management
- Construction and demolition (C&D) debris permits
- Community engagement

Biodiversity Interagency Working Group



- Representatives from all City agencies meet monthly to ensure San Francisco is becoming more biodiverse through planting of native plants in all municipal projects
- Group shares information, best practices, grant opportunities, project successes and lessons learned
- Convening of the group was mandated by 2018 Board of Supervisors resolution

Biodiversity Interagency Working Group



- The Biodiversity Interagency Working Group, led by SF Environment, reviews and provides comments on such initiatives as the Biodiversity Guidelines and the Healthy Ecosystem Chapter of the Mayor's Climate Action Plan
- Public Works staff, led by the Bureau of Landscape Architecture, attends and contributes to discussions and information sharing
- Examples: Pelican Park Habitat, Sunset Boulevard Biodiversity Master Plan, Yerba Buena Island Habitat Management Plan, Sunol Watershed Center, etc.
- As a result, Public Works is including more native plants in designed landscapes, which is increasing urban habitat and biodiversity throughout San Francisco

Green Buildings



The Southeast Community Center is a LEED Gold-certified, all-electric facility with rooftop solar panels.

- **How do buildings contribute to climate change?**
- **Green gas emissions generated by buildings**
 - 37% worldwide
 - 41% in San Francisco
- **Building use of resources**
 - Energy 40%
 - Electricity 74%
 - Water 16%
- **Emissions from building materials**
 - Extraction
 - Manufacturing
 - Transportation
 - Construction waste

Areas of Collaboration Between SF Environment and Bureau of Architecture



The Golden Gate Park Golf Course Clubhouse's design and materials incorporate smart green-building practices, such as mass timber.

- Chapter 7 implementation
- Green Building Municipal Task Force participation and waiver requests
- Construction waste management policies and Green Halo platform
- LEED project certifications
- GS6 forms
- U.S. Green Building Council membership
- Training and continuing education

Sidewalk Electric Vehicle Charging



The Mayor's Office, SFMTA, SF Environment and Public Works are collaborating to launch a limited pilot of public curbside electric vehicle charging stations to understand demand, identify impacts, garner market interest and gather data and learnings to consider a future program.

Sidewalk Electric Vehicle Charging

AMENDED IN COMMITTEE
5/20/2024
RESOLUTION NO.

FILE NO. 240270

1 [Affirming Support for SFMTA and SFE, in Partnership with Public Works, SFPUC, and
2 SFCTA to Expediently Implement Curbside Electric Vehicle Charging Feasibility Study and
3 Pilot Program]

4 **Resolution affirming support of the San Francisco Municipal Transportation Agency**
5 **(SFMTA) and San Francisco Environment Department (SFE) in their work with Public**
6 **Works, San Francisco Public Utilities Commission (SFPUC), San Francisco County**
7 **Transportation Authority (SFCTA), climate and transportation advocates, equity**
8 **groups, and other relevant agencies and stakeholders to expediently implement the**
9 **Curbside Electric Vehicle (EV) Charging Feasibility Study; and requesting a report**
10 **containing recommendations, cost estimates, and funding strategies for a Curbside EV**
11 **Charging Pilot Program before the end of 2024.**

12
13 WHEREAS, Climate change poses immediate and extraordinary threats to
14 ecosystems, economy, and public health in San Francisco and beyond; and

15 WHEREAS, July 2023 marked the hottest month in global human history, and San
16 Francisco's average temperature has increased by 2.9°C (5.22 °F) since 1970 due to rapidly
17 rising global greenhouse gas emissions; and

18 WHEREAS, Climate change not only poses significant economic threats, but also
19 impacts community health and welfare; and

20 WHEREAS, The Los Angeles Times reported that 3,900 Californians died from
21 extreme heat exposure between 2010 and 2019, and the San Francisco Department of Public
22 Health Climate and Health Adaptation Framework highlights that these climate-driven health
23 impacts disproportionately affect low-income communities of color in San Francisco; and

24 WHEREAS, The transportation sector accounts for approximately one quarter of global
25 greenhouse gas emissions, is the largest source of carbon dioxide emissions in the US with

Supervisors Mandelman, Melgar
BOARD OF SUPERVISORS

Page 1

- Goal: Bridge gap for residents who have limited access to charging stations
- Role of stakeholder group:
 - Communications with third-party charging installation companies
 - Coordination with other relevant City agencies (Building Inspection, SFPUC)
 - Developing intake forms, public-facing website
 - Ensuring streamlined process and processing any legislation needed
- Specific role of Public Works: Issue permits for use of the public right of way
- Anticipated rollout this summer

Board of Supervisors in June passed a resolution supporting the project.

Urban Forestry Council



SAN FRANCISCO URBAN FORESTRY COUNCIL
20TH ANNUAL URBAN FOREST REPORT
FISCAL YEAR 2023

- Public Works' Bureau of Urban Forestry (BUF) reports its tree maintenance and planting data to SF Environment's Urban Forestry Council during its annual survey
- Annual Urban Forest Report serves as analysis of survey data from public, private and nonprofit agencies that grow and maintain urban forest within San Francisco
- BUF has assigned a manager to serve on the council since its inception
- The Urban Forestry Council served as the public meeting forum during development and approval of the City's Urban Forest Master Plan: Phase I, Street Trees

Integrated Pest Management



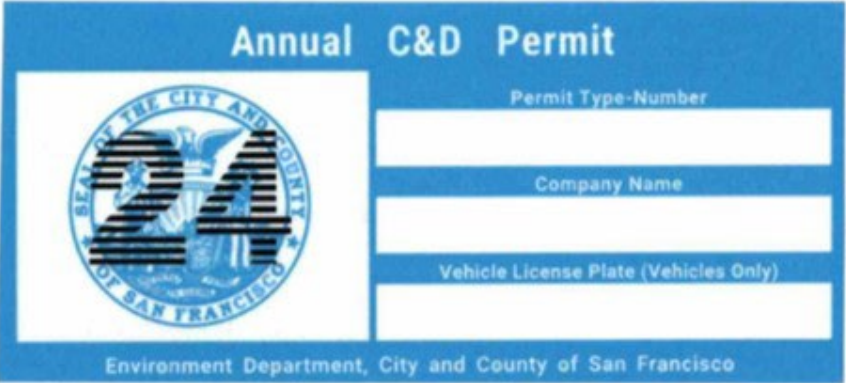
- **BUF's Integrated Pest Management team provides annual pest management report to SF Environment, which regulates pesticide use**
- **San Francisco maintains stringent regulations for pesticide use**
- **BUF exhausts all non-chemical methods available for weed/pest management before considering use of products on Reduced-Risk Pesticide List**
- **If BUF wants to use such products during its work, it must receive approval from SF Environment's Technical Advisory Committee**

Construction and Demolition (C&D) Debris Permits



The Bureau of Street-use and Mapping (BSM) works with SF Environment to issue and enforce permits for companies that collect and haul construction and demolition debris in debris boxes and/or vehicles.

Construction and Demolition (C&D) Debris Permits



Annual C&D Permit

Seal of the City and County of San Francisco

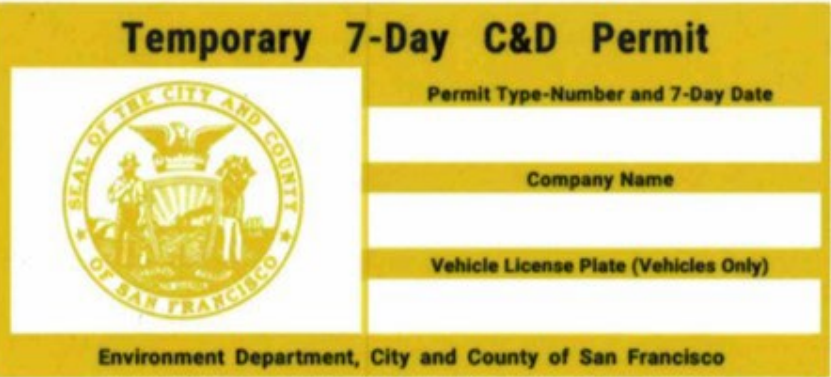
Permit Type-Number

Company Name

Vehicle License Plate (Vehicles Only)

Environment Department, City and County of San Francisco

- San Francisco’s waste reduction targets: Reduce total solid waste generation by 15% and reduce solid waste to disposal (landfill and incineration) by 50% by 2030
- Most of construction and demolition debris is recovered for reuse and recycling, but at least 150,000 tons annually wind up disposed in a landfill or incinerator, making up a quarter of all solid waste disposal
- Reducing illegal disposal/dumping of construction and demolition debris requires robust regulatory and enforcement system



Temporary 7-Day C&D Permit

Seal of the City and County of San Francisco

Permit Type-Number and 7-Day Date

Company Name

Vehicle License Plate (Vehicles Only)

Environment Department, City and County of San Francisco

Community Engagement



Community Programs with SF Environment

- Arbor Day – SF Environment promotes event and staffs an information table
- Free Neighborhood Beautification Day compost giveaways

Community Engagement



OnE Team

Public Works has worked with SF Environment on night walks to look for contamination issues with containers (i.e. not sorting garbage properly).

They also provide constituents with waivers for certain trash requirements.



QUESTIONS