



SFPUC's Green Infrastructure Grant Program Government Audit and Oversight Committee

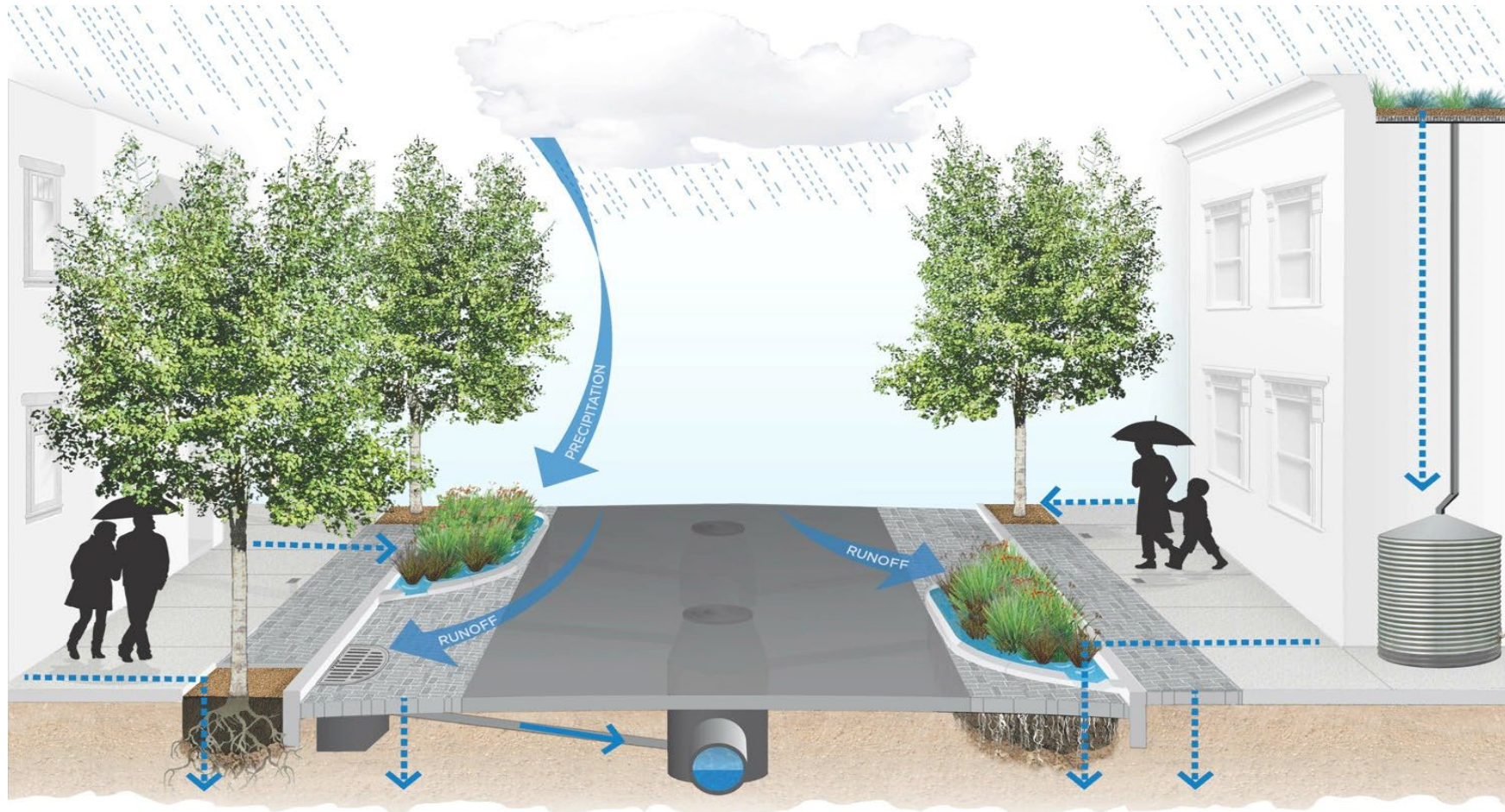
**Sarah Bloom
Urban Watershed Planning Division, Wastewater Enterprise
San Francisco Public Utilities Commission**

Photo: Lafayette Elementary School

June 2022

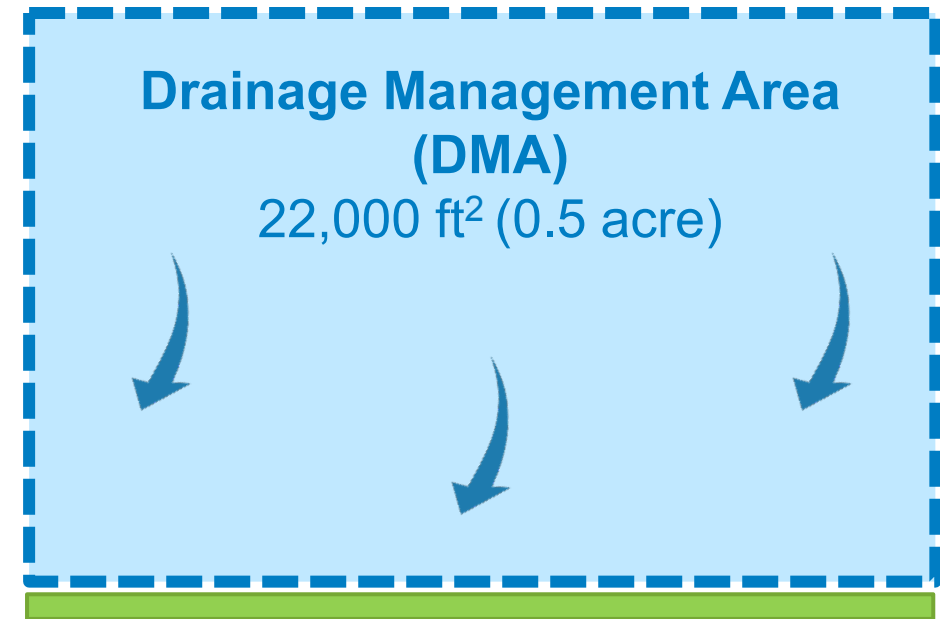
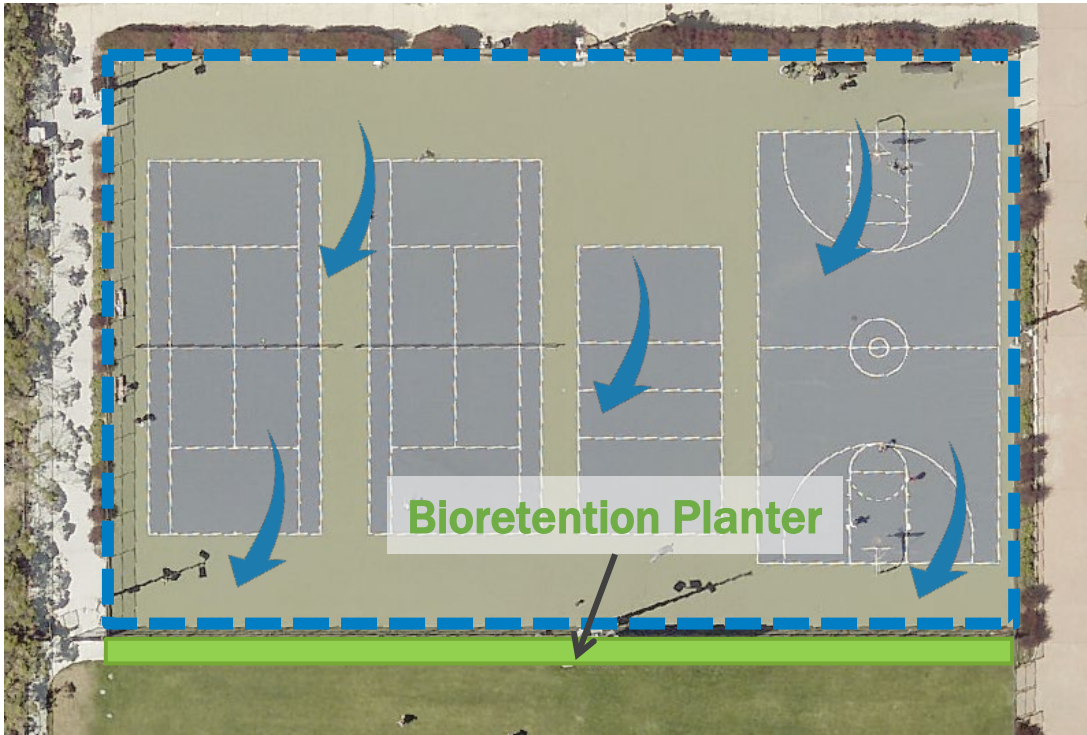
What is Green Infrastructure?

Green Infrastructure is a set of engineered, **sustainable** stormwater management tools that slow down, clean, and route stormwater to keep it from overwhelming the City's sewer system.



How Does Green Infrastructure Work?

Green Infrastructure collects stormwater runoff from an impervious surface, or Drainage Management Area (DMA)



Bioretention Planter
1,100 ft²

Sizing Ratio = GI Area / DMA = 5%

SFPUC's Citywide Green Infrastructure Strategy

SFPUC long-term vision to manage **1 billion gallons** per year of stormwater **using green infrastructure** by 2050

- Stormwater Management Ordinance
- Capital Projects
- Grant Programs



Green Infrastructure Grant Program

- Launched in February 2019
- Funds the design and construction of green infrastructure facilities
- Targeted towards large, highly impervious parcels
- Property owner is responsible for 20 years of ongoing maintenance
- Grant amount determined by project size, up to \$2M per project



Bessie Carmichael Middle School

Green Infrastructure Grant Program

Green Infrastructure Grant Agreement: legally enforceable agreement from the property owner to maintain green infrastructure asset for 20 years

Why 20 Years?

- Consistent with useful life of green infrastructure assets
- Equivalent performance as capital projects
- Supports citywide stormwater goals



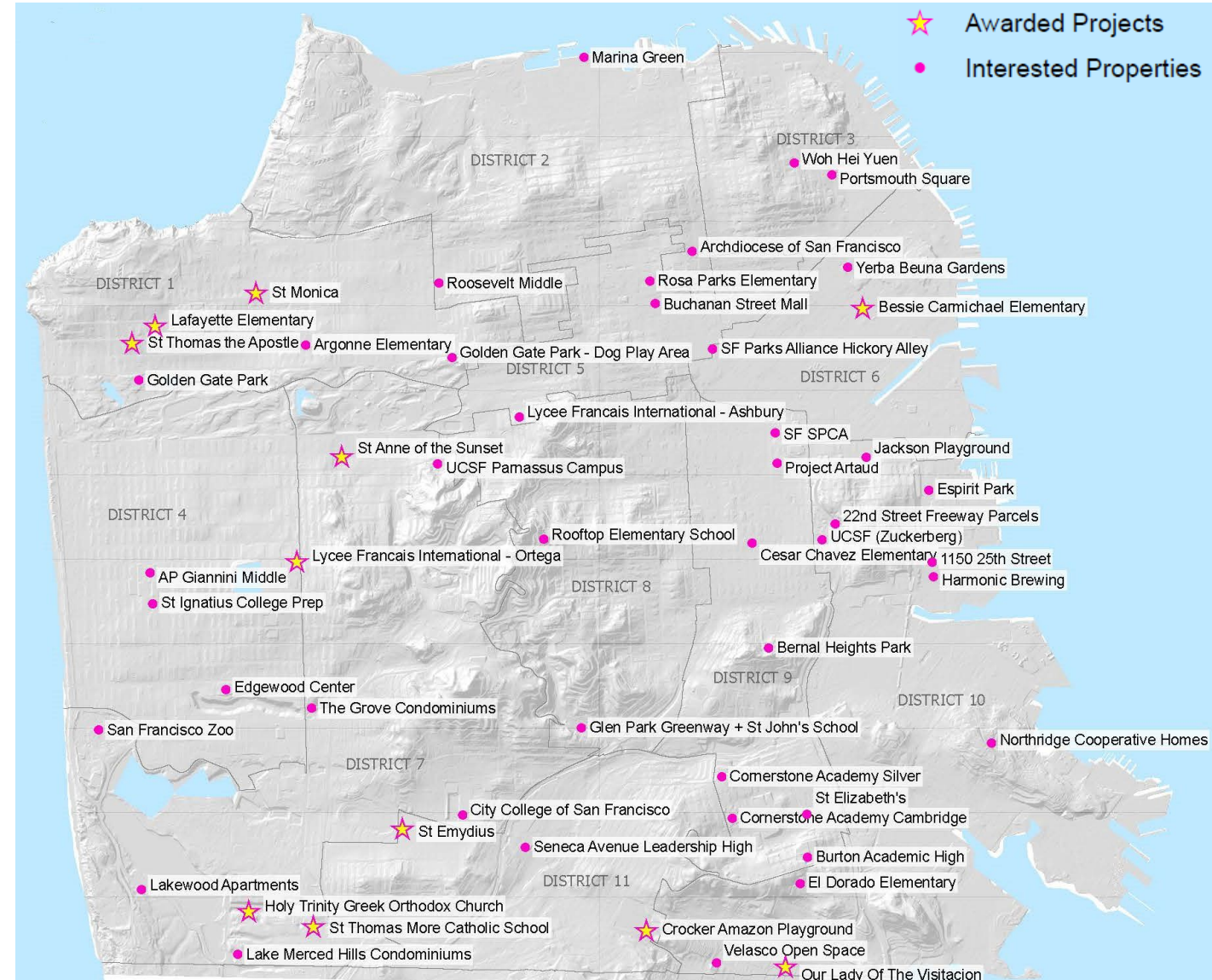
Green Infrastructure Grant Program

Minimum Eligibility Criteria

- 1. Location:** Projects must be on a parcel connected to a SFPUC-owned and operated sewer system service area
- 2. Size:** Projects must manage runoff from a minimum of 0.5 acres of impervious surfaces
- 3. Performance:** Capture 90th percentile storm (0.75-inch depth)
- 4. Co-Benefits:** Demonstration of at least 2 of the approved co-benefits
- 5. Experience:** Grant team must have experience designing or constructing green infrastructure
- 6. Concept Design:** Applicants must submit a conceptual design plan

Program Performance to Date

- Applications Received: **11**
- Projects Awarded: **11**
- Projects Completed: **2**
- Total Funding Awarded: **\$10.57M**
- Future Stormwater Captured by Awarded Projects: **5.7 MG/yr.**
- Site Visits Conducted by Technical Team: **41**
- Presentations Given to Stakeholders: **9**
- Publications and Media Pick-ups: **2**



Awarded Projects

Project Name	Grant Award	Funds Dispersed to Date	Project Status
Lafayette Elementary School	\$489,142	\$487,891.46	Complete
St. Thomas More School	\$1,118,958	\$218,313	Design
Bessie Carmichael Middle School	\$428,075	\$385,268	Complete – final payment pending grant amendment
Lycee Francais SF Ortega Campus	\$480,958	\$288,629	Construction
Holy Trinity Greek Orthodox Church	\$1,577,161	\$303,750	Design
Crocker Amazon Park	\$859,151	\$156,000	Design
St. Thomas the Apostle	\$724,227	\$144,500	Design
St. Monica Catholic Church	\$641,413	\$128,050	Design
St. Anne of the Sunset	\$1,557,898	\$310,250	Design
St. Emydius Church and School	\$873,136	\$0	Initiation
Church of the Visitacion	\$1,727,103	\$0	Initiation

GI Grant Program Improvements Since June 2020

1. **Revised the grantee definition** to align with Ch 21G (Grants Ordinance) and allow for partnership-based projects.
2. **Moved to a competitive application cycle(s)** to align with Ch 21G, while preserving minimum eligibility criteria.
3. **Increased maximum cost per acre** of stormwater managed to \$930,000, with no change to maximum grant award of \$2M.
4. **Raised cap on soft costs** to 30% of total grant award to account for true costs of project delivery and support equity, co-benefit, and partnership goals.

Green Infrastructure Grant Program Budget

FY 22-24 Program Budget:

- \$20M appropriated for next 2 years by SFPUC Commission
- Funded by revenue bonds
- Includes grants and staffing

Max Grant Award:

- **\$930,000** per impervious acre managed
- Up to **\$2,000,000** in funding per project



Request For Extension of Current Delegation of Authority

SFPUC is requesting an extension of current delegation of authority to enter into grant agreements under Charter, Section 9.118, for another 2 years:

- Ensures **useful life of green infrastructure asset**
- Retains **quarterly reporting** to BOS and **public posting** on grant awards
- Authority **sunsets on July 1, 2024**

A photograph of a park area on a rainy day. In the foreground, a path made of smooth, rounded stones is partially submerged in water, surrounded by dark brown mulch and several large, light-colored boulders. To the left, a row of blue wooden benches sits on a wet concrete surface. In the background, a wet basketball court with a blue backboard and hoop is visible, along with a residential neighborhood and a green fence. The text "Thank you!" is overlaid in the center of the image.

Thank you!