



San Francisco Drink Tap Program

Presentation for Public Safety and Neighborhood Services Committee
July 14, 2016

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San Francisco Public Utilities Commission





SFPUC Dedication to Equity & Environmental Justice

Community Benefits Program

- Be a good neighbor and reliable public partner in creating sustainable, healthy, thriving communities
- Adopted and implementing “triple bottom line” analysis to guide agency decisions, balancing economic, environmental, and social equity goals
- Intentional in our participation and support of programs and projects that are designed to benefit the community



Drink Tap Program Overview

Drink Tap Program Implementation in 2010

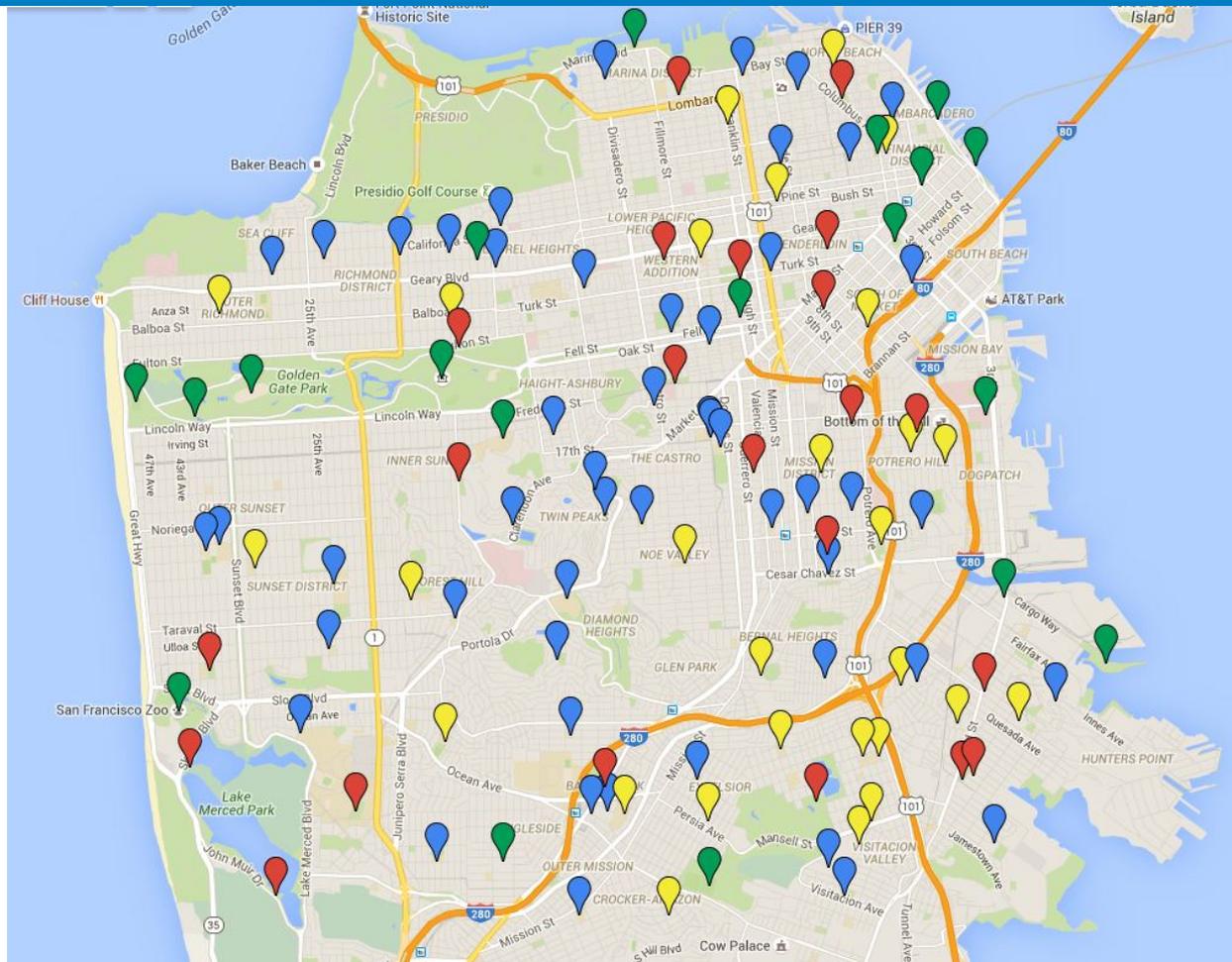
- Installed bottle-fill stations in 5 SFUSD Schools
- Funded 10 pilot bottle-fill stations in public realm

2010 - 2016

- 51 stations in SFUSD schools
- 31 stations in the public realm



Map of Drink Tap Stations



Green: Existing Stations in Public Realm

Red: Stations to be Installed in Public Realm in 2016

Blue: Existing Stations in Schools

Yellow: Stations to be Installed in Schools in 2016 - 2017

Lead Testing

- All bottle-fill stations must pass post-construction lead contaminant testing to be opened to the public and students
- Post-construction sampling conducted to determine lead content vs. EPA's permissible limit of 15 parts per billion (ppb) for safe drinking water
- Bottle-fill stations are not open for public use unless samples are under the EPA's drinking water standard of 15 ppb for safe drinking water



QUALITY
MATTERS

We test your tap water nearly 100,000 times per year.

 View our 2014 Annual Water Quality Report at
sfwater.org/qualitymatters
For a printed copy, call (415) 551-4749.

Drink Tap in Public Realm



Site Selection

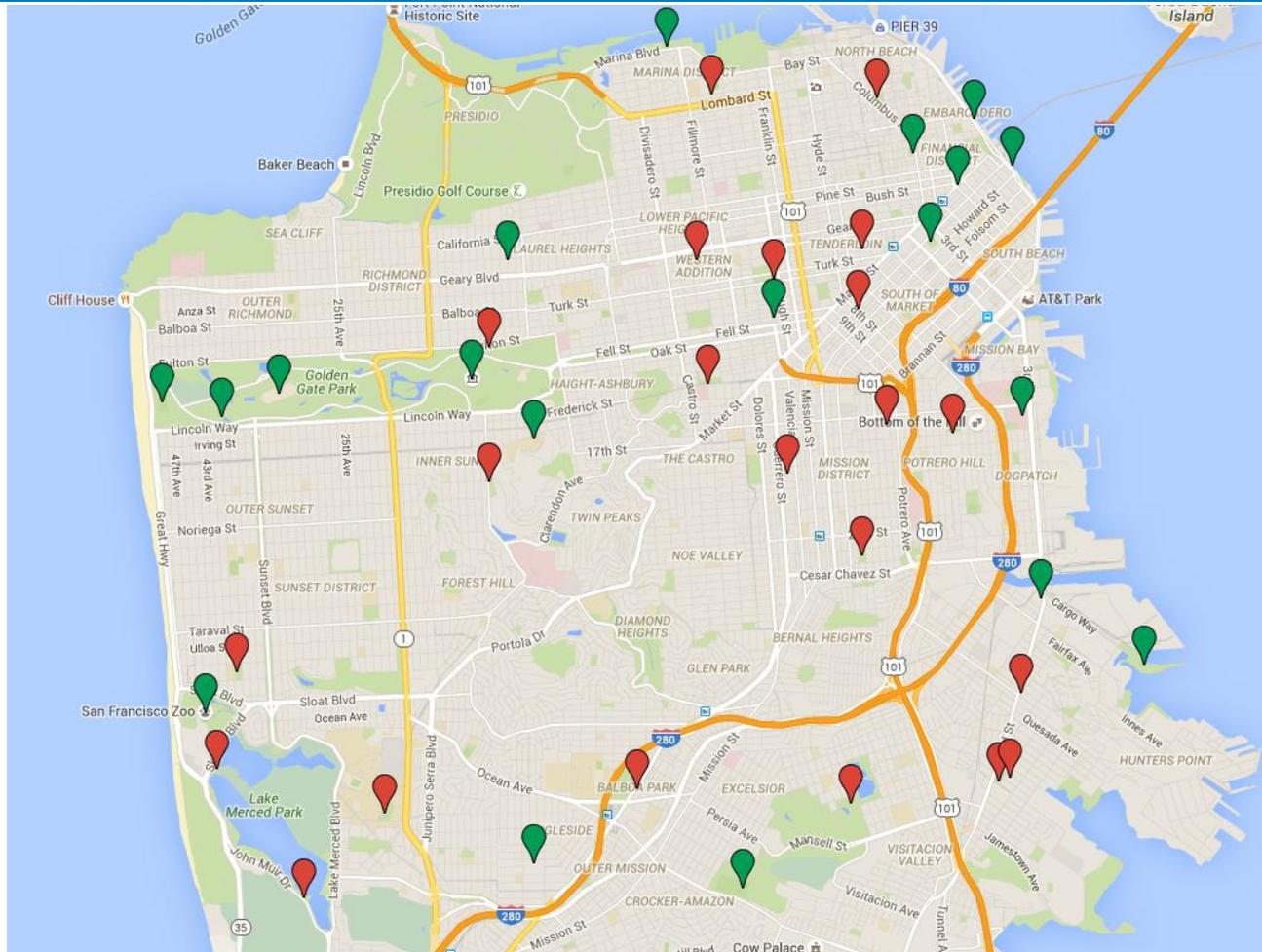
- 31 Drink Tap Stations in public realm
- 19 contracted for installation by October 2016

Site Selection Criteria

1. Citywide sites with emphasis in environmental justice areas and neighborhoods with high sugar-sweetened beverage consumption
2. Selected with input from community stakeholders
3. Near transportation hubs or family gathering spaces
4. Well-lit (public safety)
5. Relatively easy and/or inexpensive to install
6. Relatively easy to maintain

| Location | Dispatched or Installed |
|--|-------------------------|
| Clement Street* | Installed |
| Southeast Health Center | Dispatched to SEHC |
| Medical Respite & Sobering Center | Dispatched to MRSC |
| SFSU (<i>Two Stations</i>) | Dispatched to SFSU |
| Golden Gate Park – 6 th Ave Skate Park* | |
| Bayview Park – KC Jones Playground* | |
| Louis Sutter Playground* | |
| Father Alfred E. Boeddeker Park | |
| Mission Playground | |
| Raymond Kimbell Playground | |
| Duboce Park* | |
| Moscone Recreation Center | |
| Washington Square Park | |
| Lake Merced (<i>Two Stations</i>)* | |
| Bayview Opera House* | |
| Jackson Playground* | |
| Balboa Park | |
| South Sunset Playground* | |

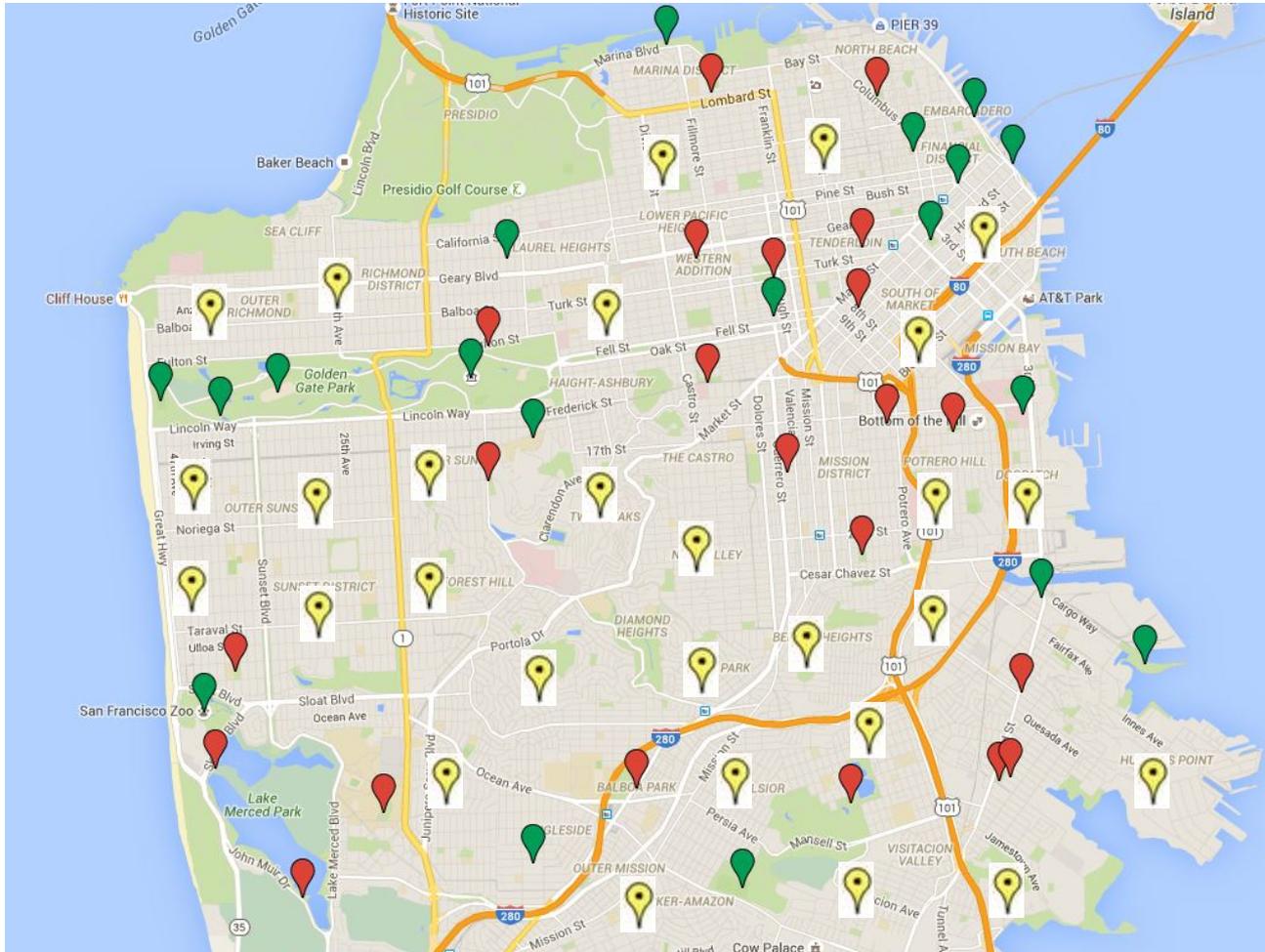
All Neighborhoods Have Drink Tap Access



Green: Existing Stations in Public Realm **Red:** Stations to be Installed in Public Realm in 2016 - 2017

Yellow: Potential Future Stations to provide access to Drink Tap in all neighborhoods

All Neighborhoods Have Drink Tap Access



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Yellow: Potential Future Stations to provide access to Drink Tap in all neighborhoods

SFHIP led and partnered on studies analyzing Sugar-Sweetened Beverage (SSB) consumption and access to clean drinking water

Recommendations

- Increase access to clean drinking water
- Education should happen near the station
- Safe, clean, accessible, and protected stations
- Place stations in low-income communities

Diabetes Hospitalization Rate*, per 10,000, 2007-2009

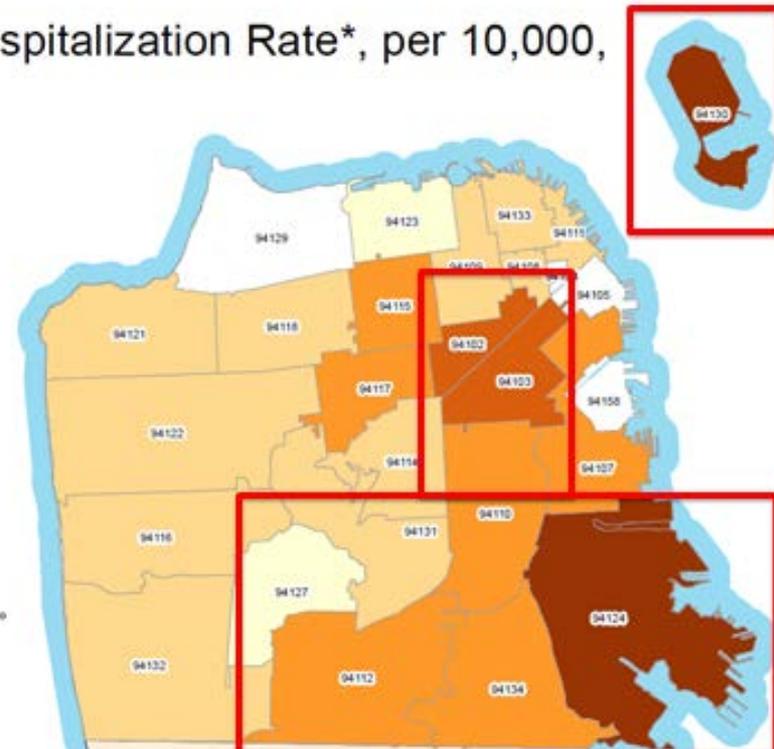


*Age adjusted, adults only



Source: Health Matters in San Francisco
www.healthmattersinSF.org

City and County of San Francisco
Department of Public Health
Environmental Health Section
Available at www.thehdnet.org





SUSTAINABLE
SFUSD

Drink Tap In Schools





Federal and State Mandates

- Healthy and Hunger-Free Kids Act (2010)
- Drinking Water for Students in Schools (SB1413, 2010)

“...free drinking water where reimbursable meals are served and/or eaten during the meal period”





City-wide Partnership

- Funding (SFPUC)
- Project Management (SFUSD)
- Education (SFE and SFDPH)
- Evaluation (SFDPH)
- Workforce Development (SFPUC)





Infrastructure



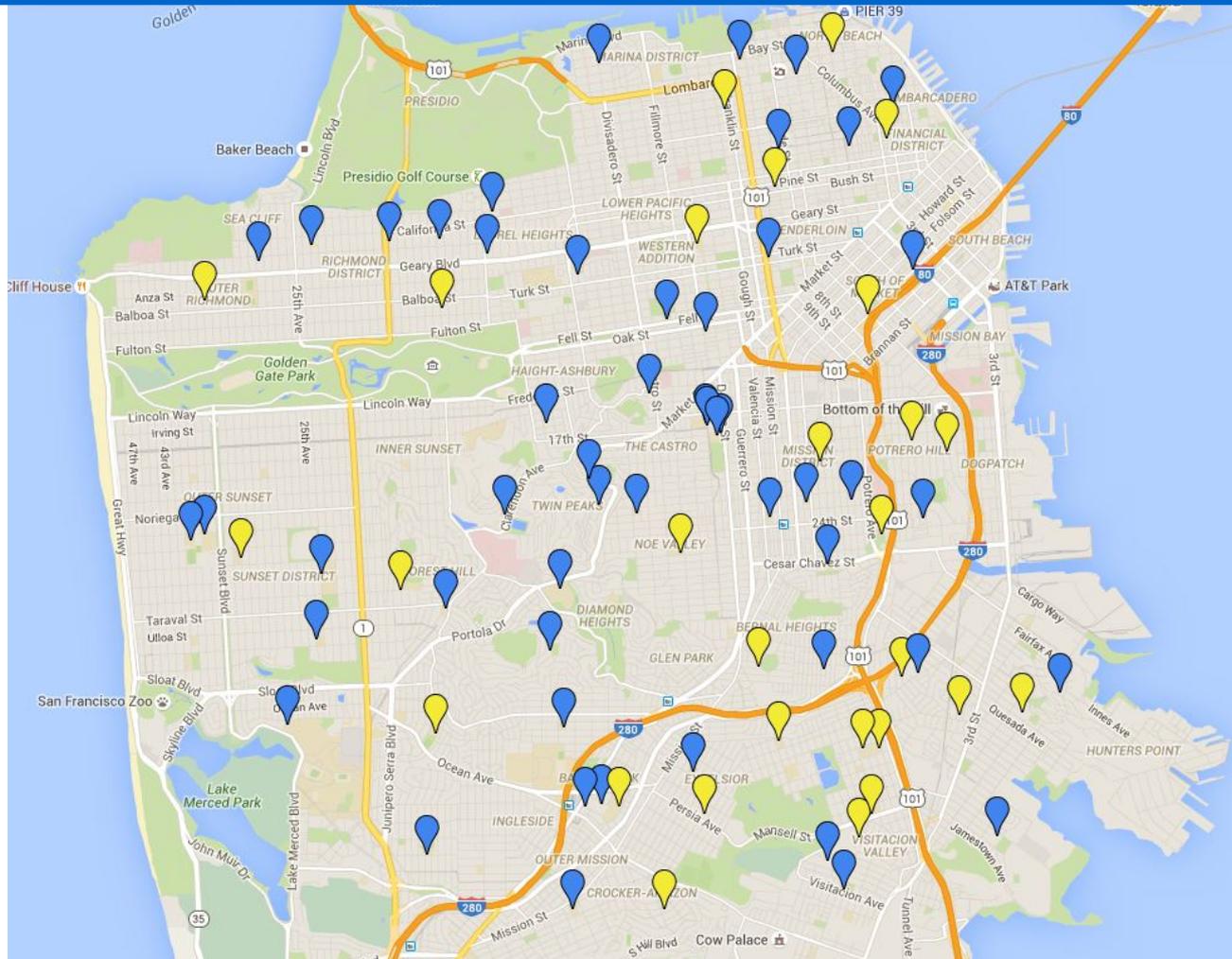
1. Pilot SFUSD Schools
2. 1st Tier: 36 w/o Existing Drinking Fountain
3. 2nd Tier: With Drinking Fountains in Cafeterias
4. Bond Funded Schools w/ Major Remodels





SUSTAINABLE
SFUSD

School Sites



Blue: Existing Stations in Schools

Yellow: Stations to be Installed in Schools in 2016 - 2017



Remaining School Sites

Elementary Schools

| | |
|-------------------|---------------|
| Alice Fong Yu | SF Montessori |
| Chinese Immersion | Sloat |
| Francis Scott Key | Ulloa |
| Glen Park | William Cobb |
| Jefferson | Yick Wo |
| Lawton | |
| Marshall | |
| New Traditions | |
| Mission Ed | |
| SF Community | |

Middle Schools

Willie Brown

High Schools

Civic Center
Downtown
Hilltop
Independence
June Jordan
Lowell

Education and Ecoliteracy

- SF Environment School Assemblies & Water Bottle Distribution
- 17,000 Students Served
- Age-appropriate “Drink Water Said the Otter” Books
- Model Program
 - Washington, DC
 - Santa Clara County
 - Alameda County



SFDPH Evaluation

- Child Care Study: Classrooms that did not have a pitcher of drinking water visible had a 2 fold higher incidence of overweight or obesity
- Student Survey Given Before & After Installations at SFUSD Sites

Initial Evaluation Results

- Most students drink water at school (95%)
- Refillable water bottle use increased from 35% to 46%;
Simultaneously bottled water usage decreased from 31% to 25%
- More students drank 4 or more glasses of water per day
- More students identified water from the “fountains and filling stations” as better tasting, more favorable temperature, cleaner, and more comfortable to use

Next Steps

| | Schools | Public Realm |
|-------------------------|----------------|---------------------|
| # of Sites | 22 | 10 |
| Funding Required | \$280,000 | \$150,000 |

Funding

- Implements State and Federal law
- Provides access to Drink Tap stations at every SFUSD School
- Improves access to safe drinking water in impacted neighborhoods
- Continues SFDPH and SFE Outreach and Evaluation
- Continues engagement with CBO's promoting water



Contact:
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San Francisco Drink Tap Program

Bottle-Fill Station Site List

In order to promote healthy, more sustainable habits, promote a healthy alternative to single-use plastic water bottles, meet state and federal regulations, and provide access to clean, free drinking water in schools and publicly accessible areas, City Agencies, in consultation with Community Stakeholders and UCSF, have installed 31 bottle-fill stations in the public realm, 51 stations at SFUSD schools, and 6 stations at SFO. Additionally, SFPUC provided funding for the installation of 28 new bottle-fill stations in schools in FY 16-17 and is funding 19 additional stations in the public realm. To select public realm sites, staff uses a set of criteria listed below. Staff conducted site visits, consulted plumbing schematics, and estimated costs for both installation and ongoing maintenance for each selected site.

Criteria for Public realm Bottle-fill Stations: 1) Well-lit; 2) Near transportation hubs or family gathering spots; 3) Geographic spread throughout SF; 4) Emphasis in neighborhoods with high sugar-sweetened beverage consumption and/or environmental justice communities; 5) Cost to install; 6) Relatively easy to maintain

District 1 - Supervisor Mar

Existing School Stations

| | Name | Address |
|---|----------------|----------------|
| 1 | George Peabody | 251 6th Ave |
| 2 | Alamo | 250 23rd Ave |
| 3 | Sutro | 235 12th Ave |
| 4 | Presidio* | 450 30th Ave |

School Stations to be Installed 2016-17

| | Name | Address |
|---|----------------|----------------|
| 5 | Lafayette | 4545 Anza St |
| 6 | Frank McCoppin | 651 6th Ave |

Existing Public Realm Stations

| | Name | Address |
|------|---------------------------------|------------------------------|
| 7 | Hellman Hollow | JFK Dr and 25th Ave |
| 8 | Chain of Lakes Meadow | Chain of Lakes Dr and JFK Dr |
| 9-15 | Beach Chalet Park (x7 stations) | N/A |
| 16 | Clement St. (at 3rd avenue) | Clement St and 3rd Ave |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|--|------------------------|
| 17 | Golden Gate Park –6 th Ave Skate Park | 6th Ave and Kennedy Dr |

District 2 - Supervisor Farrell

Existing School Stations

| | Name | Address |
|---|-----------------------------|-------------------|
| 1 | Roosevelt | 460 Arguello Blvd |
| 2 | Galileo | 1150 Francisco St |
| 3 | Claire Lilienthal (Scott) | 3630 Divisadero |
| 4 | Claire Lilienthal (Madison) | 3950 Sacramento |
| 5 | Raoul Wallenberg | 40 Vega St |

School Stations to be Installed 2016-17

| | Name | Address |
|---|-------------|----------------|
| 6 | Sherman | 1651 Union St |

Existing Public Realm Stations

| | Name | Address |
|---|--------------|--------------------------|
| 7 | Marina Green | Marina Blvd and Scott St |

Public Realm Stations to be Installed 2016

| | Name | Address |
|---|---------------------------|------------------|
| 8 | Moscone Recreation Center | 1800 Chestnut St |

District 3 - Supervisor Peskin

Existing School Stations

| | Name | Address |
|---|------------------|-----------------|
| 1 | Gordon J. Lau | 950 Clay St |
| 2 | Yick Wo | 2245 Jones St |
| 3 | John Yehall Chin | 350 Broadway |
| 4 | Spring Valley | 1451 Jackson St |

School Stations to be Installed 2016-17

| | Name | Address |
|---|--------------------------|-----------------|
| 5 | Chinese Education Center | 657 Merchant St |
| 6 | Francisco | 2190 Powell St |
| 7 | Redding | 1421 Pine St |

Existing Public Realm Stations

| | Name | Address |
|----|--------------------------|------------------------|
| 8 | Mechanics Monument Plaza | Market St and Bush St |
| 9 | Portsmouth Square | 733 Kearny St |
| 10 | Pier 7 | Pier 7 |
| 11 | Pier 14 | Pier 14 |
| 12 | Bayview Gateway Park | Third St and Cargo Way |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|------------------------|----------------------------|
| 13 | Washington Square Park | Filbert St and Stockton St |

District 4 - Supervisor Tang

Existing School Stations

| | Name | Address |
|---|------------------|------------------|
| 1 | Dianne Feinstein | 2550 25th Ave |
| 2 | A P Giannini | 3151 Ortega St |
| 3 | Lincoln | 2162 24th Avenue |
| 4 | Sunset | 1920 41st Avenue |

School Stations to be Installed 2016-17

| | Name | Address |
|---|------------------------|----------------|
| 5 | Robert Louis Stevenson | 2051 34th Ave |

Existing Public Realm Stations

| | Name | Address |
|---|-------------|----------------|
| 6 | SF Zoo | 1 Zoo Rd |

Public Realm Stations to be Installed 2016

| | Name | Address |
|---|-------------------------|-------------------------|
| 7 | South Sunset Playground | 40th Ave and Vicente St |

District 5 - Supervisor Breed

Existing School Stations

| | Name | Address |
|---|-------------|--------------------|
| 1 | John Muir | 380 Webster Street |
| 2 | Grattan | 165 Grattan St |
| 3 | Ida B Wells | 1099 Hayes St |

School Stations to be Installed 2016-17

| | Name | Address |
|---|-------------|-------------------|
| 4 | Rosa Parks | 1501 O'Farrell St |

Existing Public Realm Stations

| | Name | Address |
|---|--------------------|-------------------------|
| 5 | Academy of Science | 55 Music Concourse Dr |
| 6 | Patricia's Green | Hayes St and Octavia St |

Public Realm Stations to be Installed 2016

| | Name | Address |
|---|----------------------------|---------------------------|
| 7 | Raymond Kimbell Playground | Geary Blvd and Steiner St |

District 6 - Supervisor Kim

Existing School Stations

| | Name | Address |
|---|-------------------------|-----------------|
| 1 | Tenderloin Community | 627 Turk St |
| 2 | Bessie Carmichael (6-8) | 824 Harrison St |

School Stations to be Installed 2016-17

| | Name | Address |
|---|----------------------------|----------------|
| 3 | Bessie Carmichael (PreK-5) | 375 7th Street |

Existing Public Realm Stations

| | Name | Address |
|---|---------------------|----------------|
| 4 | UCSF Mission Bay | 1500 Owens St |
| 5 | Yerba Buena Gardens | 750 Howard St |

Public Realm Stations to be Installed 2016

| | Name | Address |
|---|---|-----------------|
| 6 | Mission St. Medical Respite & Sobering Center | 1171 Mission St |
| 7 | Father Alfred E. Boeddeker Park | 246 Eddy St |

District 7 - Supervisor Yee

Existing School Stations

| | Name | Address |
|---|-------------|----------------------|
| 1 | Miraloma | 175 Omar Way |
| 2 | Sunnyside | 250 Foerster St |
| 3 | Clarendon | 500 Clarendon Avenue |
| 4 | Lakeshore | 220 Middlefield Dr |
| 5 | West Portal | 1 Lenox Way |

School Stations to be Installed 2016-17

| | Name | Address |
|---|-------------|----------------|
| 6 | Aptos | 105 Aptos Ave |
| 7 | Hoover | 2290 14th Ave |

Existing Public Realm Stations

| | Name | Address |
|---|----------------|-------------------|
| 8 | UCSF Parnassus | 505 Parnassus Ave |

Public Realm Stations to be Installed 2016

| | Name | Address |
|-------|-----------------------------------|----------------|
| 9-10 | SFSU (x2 stations) | N/A |
| 11-12 | Lake Merced Parking (x2 stations) | N/A |

District 8 - Supervisor Wiener

Existing School Stations

| | Name | Address |
|---|-------------------|------------------|
| 1 | McKinley | 1025 14th St |
| 2 | Everett | 450 Church St |
| 3 | Sanchez | 325 Sanchez St |
| 4 | Mission | 3750 18th St |
| 5 | Rooftop (Burnett) | 443 Burnett |
| 6 | Rooftop (Mayeda) | 500 Corbett Ave. |
| 7 | Alvarado | 25 Douglass St |
| 8 | SOTA | 555 Portola Dr |

School Stations to be Installed 2016-17

| | Name | Address |
|---|-------------|----------------|
| 9 | James Lick | 1220 Noe St |

Existing Public Realm Stations

| | Name | Address |
|--|-------------|----------------|
| | N/A | N/A |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|-------------|------------------------|
| 10 | Duboce Park | Duboce St and Scott St |

District 9 - Supervisor Campos

Existing School Stations

| | Name | Address |
|---|-------------------------|----------------------|
| 1 | Cesar Chavez | 825 Shotwell St |
| 2 | Buena Vista Horace Mann | 3351 23rd St |
| 3 | Leonard Flynn | 3125 Cesar Chavez St |
| 4 | SF International | 1050 York St |
| 5 | Paul Revere | 555 Tompkins Ave |

School Stations to be Installed 2016-17

| | Name | Address |
|----|-----------------------|--------------------|
| 6 | Hillcrest | 810 Silver Ave |
| 7 | Martin Luther King Jr | 350 Girard St |
| 8 | John O'Connell | 2355 Folsom St |
| 9 | E R Taylor | 423 Burrows St |
| 10 | Junipero Serra | 625 Holly Park Cir |
| 11 | Burton | 400 Mansell St |

Existing Public Realm Stations

| | Name | Address |
|--|-------------|----------------|
| | N/A | N/A |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|-------------------------|------------------------------|
| 12 | Louis Sutter Playground | Wayland St and University St |
| 13 | Mission Playground | 19th St and Linda St |

District 10 - Supervisor Cohen

Existing School Stations

| | Name | Address |
|---|----------------------|------------------|
| 1 | Starr King | 1215 Carolina St |
| 2 | Willie Brown | 2055 Silver Ave |
| 3 | Bret Harte | 1035 Gilman Ave |
| 4 | Malcolm X | 350 Harbor Rd |
| 5 | Visitacion Valley | 450 Raymond Ave |
| 6 | Visitacion Valley ES | 55 Schwerin St |

School Stations to be Installed 2016-17

| | Name | Address |
|----|-------------------|------------------|
| 7 | Bryant | 2641 25th St |
| 8 | Carver | 1360 Oakdale Ave |
| 9 | Enola D Maxwell | 655 De Haro St |
| 10 | Thurgood Marshall | 45 Conkling St |
| 11 | El Dorado | 70 Delta St |
| 12 | Daniel Webster | 465 Missouri St |
| 13 | Dr. Charles Drew | 50 Pomona St |

Existing Public Realm Stations

| | Name | Address |
|----|-------------------|---------------------------|
| 14 | Heron's Head Park | Jennings St and Cargo Way |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|------------------------------------|--------------------------|
| 15 | Southeast Health Center | 2401 Keith St |
| 16 | Bayview Park – KC Jones Playground | 3rd St and Armstrong Ave |
| 17 | Bayview Opera House | 4705 3rd St |
| 18 | Jackson Playground | 17th St and Arkansas St |

District 11 - Supervisor Avalos

Existing School Stations

| | Name | Address |
|---|--------------|----------------|
| 1 | James Denman | 241 Oneida Ave |
| 2 | Jose Ortega | 400 Sargent St |
| 3 | Long Fellow | 755 Morse St |
| 4 | San Miguel | 300 Seneca Ave |
| 5 | Monroe | 260 Madrid St |

School Stations to be Installed 2016-17

| | Name | Address |
|---|-------------|-----------------|
| 6 | Balboa | 1000 Cayuga Ave |
| 7 | Cleveland | 455 Athens St |
| 8 | Guadalupe | 859 Prague St |

Existing Public Realm Stations

| | Name | Address |
|----|--------------------------|-------------------------|
| 9 | Crocker Amazon | Moscow St and Geneva St |
| 10 | Minnie & Lovie Ward Park | 650 Capitol St |

Public Realm Stations to be Installed 2016

| | Name | Address |
|----|-------------|--------------------------|
| 11 | Balboa Park | Ocean St and San Jose St |

SFO Bottle Fill Stations

Existing Stations

| | Name | Address |
|-----|--|----------------|
| 1-2 | SFO Terminal 1 (x2 stations) | N/A |
| 3 | SFO Terminal 2 | N/A |
| 4 | SFO Terminal 3 | N/A |
| 5-6 | SFO International Terminal (x2 stations) | N/A |