



CITY OF SAN PABLO  
*City of New Directions*



September 8, 2022

Eileen White, Executive Officer  
California Regional Water Quality Control Board  
San Francisco Bay Region  
1515 Clay Street, Suite 1400  
Oakland, CA 94612

Dear Ms. White:

Enclosed is the Fiscal Year 2021-22 Annual Report for the City of San Pablo, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Matt Rodriguez', with a long horizontal flourish extending to the right.

Matt Rodriguez  
City Manager

Enclosure

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of San Pablo				
Population:	30,960				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2021 through June 2022				
Name of the Responsible Authority:	Matt Rodriguez			Title:	City Manager
Mailing Address:	1000 Gateway Ave.				
City:	San Pablo	Zip Code:	94806	County:	Contra Costa
Telephone Number:	510-215-3000		Fax Number:	510-215-3011	
E-mail Address:	MattR@SanPabloCA.gov				
Name of the Designated Stormwater Management Program Contact (if different from above):	Amanda Booth		Title:	Senior Environmental Program Analyst	
Department:	Public Works Department				
Mailing Address:	1000 Gateway Ave.				
City:	San Pablo	Zip Code:	94806	County:	Contra Costa
Telephone Number:	510-215-3066		Fax Number:	510-215-3013	
E-mail Address:	AmandaB@SanPabloCA.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

The City of San Pablo performed the following activities regarding Municipal Operations:

- Attended weekly staff meetings with engineering staff, inspectors, and maintenance staff where topics included NPDES permit requirements, appropriate Best Management Practices (BMPs), and other stormwater issues.
- City staff attended the Municipal Operations Committee meetings on 9 occasions (July, August, September, October, November, January, February, April, and May) during the reporting year.
- City maintenance crews responded to 1,339 illegal dumping calls. These calls amount to \$80,650 in dumping costs.
- Approximately 11.7 tons of debris were removed from encampments.
- City Maintenance staff attended an internal training on 06/07/2022 with information on NPDES requirements and BMPs.
- Refer to the C.2 Municipal Operations section of the countywide Program’s FY 21-22 Annual Report for a description of activities implemented at the countywide and/or regional level.

**C.2.a. ► Street and Road Repair and Maintenance**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<b>Y</b>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<b>Y</b>	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
<b>Y</b>	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

The City maintenance crews performed minor pothole and road repair services throughout the year. During these activities, the required stormwater BMPs were followed.

**C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<b>Y</b>	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

None.

**C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<b>Y</b>	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
<b>Y</b>	Control of discharges from graffiti removal activities
<b>Y</b>	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
<b>Y</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
<b>Y</b>	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
<b>Y</b>	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

City maintenance crews responded to 902 graffiti removal calls. All appropriate BMPs are used during graffiti removal activities.

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural <sup>1</sup> roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to <b>C.2.f.</b>					
Place a <b>Y</b> in the boxes next to activities where applicable BMPs were implemented. If not applicable, type <b>NA</b> in the box and provide an explanation in the comments section below. Place an <b>N</b> in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.					
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas				
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources				
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts				
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality				
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion				
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate				
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings				
Comments including listing increased maintenance in priority areas:					
None.					

<sup>1</sup>Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation	
Place an <b>X</b> in the boxes below that apply to your corporations yard(s):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants



Comments:

Below is a general description of BMPs used on site:

- Materials Storage: Store the majority of materials indoors, any materials which may affect the stormwater system (via rain and runoff) are covered during inclement weather. Materials picked up from streets and storm drainage facilities are disposed of daily.
- Equipment/Vehicle Storage: Park trucks and other equipment in designated areas outside. Drip pans are used for any leaks revealed during regular inspections until repaired. Cover equipment that is only used periodically.
- Vehicle and Equipment Maintenance: Perform vehicle and equipment maintenance in covered areas. Take vehicles to a car wash. For large vehicles that do not fit in a car wash, only rinse with water. Protect the catch basin with socks and wash away from the catch basin. Rinse off equipment in a designated area with a sanitary sewer connection.
- Vehicle Fueling: Staff are trained on proper fueling practices. The new facility utilizes BMP's including a canopy, a concrete pad, signs indicating "Do not top off", and a spill kit.
- Repair Work: Perform machinery repair work in the indoor shop area. Clean up spills using spill kits or absorbent materials. Dispose materials used to clean spills at the hazardous waste facility.
- Concrete Sawing Work: Perform work within a bermed area and use a wet-vacuum to pick up the water. Protect catch basins with gravel bags, socks, or filter.
- Asphalt/Patch Truck Cleaning: Impervious materials and/or drip pans shall be placed under the truck when cleaning is necessary. Cleaning fluid effluent will be absorbed or collected for disposal upon completion of cleaning. Protect patch and paving equipment from the rain.
- Painting Equipment Cleaning: Water-based paint is mainly used by maintenance. Equipment is rinsed and cleaned over dry solids and disposed at the hazardous waste facility. Protect painting equipment from rain.
- Pesticide, Herbicide, and Chemical Storage and Disposal: Hazardous materials are stored in labeled containers and stored in locked and posted storage unit.
- Spill Containment: For minor spills which could impact the stormwater system, (1) stop the source and contain the spill, (2) remove the spilled material using absorbent material and/or the spill cleanup kits, (3) clean the contaminated area using dry methods, and (4) store spill kits near potential spill areas. For details on hazardous materials spills, consult MSDS's and the Business Plan. Notify Environmental Programs Analyst.

For significant spills that cannot be completely controlled by on-site personnel, (1) call the appropriate agency on the Emergency Phone List, (2) control entry and evacuate area, (3) if safe, stop the source of the spill and contain its spread, and (4) cleanup area after appropriate responder determines it is safe.

- Housekeeping: Keep the site clean and check daily for potential pollutants. Dry sweep pavement area regularly. Remove debris from catch basins and change filters as needed.
- Training: Updates and reviews of stormwater BMP's are conducted at least annually and are frequently part of the monthly safety meetings held at the site. The BMP's are also posted at the Corporation Yard.

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

<b>Corporation Yard Name</b>	<b>Corp Yard Activities w/ site-specific SWPPP BMPs</b>	<b>Inspection Date<sup>2</sup></b>	<b>Inspection Findings/Results</b>	<b>Date and Description of Follow-up and/or Corrective Actions</b>
City of San Pablo Corp Yard	Material Storage, Equipment/Vehicle Storage, Vehicle Fueling, Repair Work (excluding automotive repairs), Concrete Sawing Work, Asphalt/Patch Truck Cleaning, Paint Cleaning, Chemical Storage, Spill Containment, General Housekeeping, and Training. All BMPs listed above were implemented as described in the comments above	09/07/2021	No issues, warning notices or violations were identified.	NA

<sup>2</sup> Minimum inspection frequency is once a year during September.

**Section 3 - Provision C.3 Reporting New Development and Redevelopment**

**C.3.b.iv.(2) ► Regulated Projects Reporting**

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.

Refer to **Table C.3.b.iv.(2)** on pages 3-9, 3-10, and 3-11.

**C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.**

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Comments (optional):  
 At this time, all regulated projects are required to perform 100% LID treatment onsite. No alternative compliance projects have been approved. However, the City will review each project to determine if Alternative Compliance is appropriate.

**C.3.e.v ► Special Projects Reporting**

1. In FY 2021-22, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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2. In FY 2021-22, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the <b>C.3.b.iv.(2)</b> Table, and the <b>C.3.e.v.</b> Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If you answered "Yes" to either question,

- 1) Complete Table C.3.e.v.
- 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

No special projects were approved in 2021-2022 however, the City has received two applications, which are still under review. For one project, the City is still waiting for the project to submit an infeasibility report. The other project is still under review but likely qualifies for "Special Project" status under category B. Please see section **C.3.e.v.Special Projects Reporting Table** on pages 3-13 and 3-14 for more information.

**C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)**

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

See attached Table **C.3.h.v.(2)** on page 3-12 for a list of newly installed Stormwater Treatment Systems/HM Controls.

**C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting**

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY 20-21)	<b>24</b>
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 21-22)	<b>25</b>
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 21-22)	<b>5</b>
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 21-22)	<b>21%<sup>3</sup></b>

<sup>3</sup> Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

**C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems  
Operation and Maintenance Verification Inspection Program  
Reporting**

Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

The City of San Pablo conducted five Operations and Maintenance Inspections during the 2021-2022 reporting year.

1. Site one required significant replanting as half the plants had died. All corrective measures were implemented.
2. Site two was well maintained but required some replanting and moving cobblestones to allow water to flow out of the outfall pipe. All corrective measures were implemented.
3. Site three required some replanting and cleaning of drain inlets. All corrective measures were implemented.
4. Site four required adding cobblestones for energy dissipation, trash removal, replanting, and weeding. All corrective measures were implemented.
5. Site five required cleaning DIs, adding mulch, clearing the roof discharge pipe, and weeding. All corrective measures were implemented.

After a review of inspections from previous years, the most common issue with LID facilities remains the lack of ongoing logs from facilities. City staff intends to continue to provide additional notice and information to businesses that are inspected – however, this is expected to continue to be an issue due to staff turnover at businesses with LID facilities on site.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

In general, the current O&M program is effective and the IMPs are maintained. Similar to previous years, four sites had issues with collecting logs since many sites change landscape contractors and/or property managers and the new personnel do not know about the requirements to keep logs

**C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects**

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

Applicants for development approvals for projects creating or replacing more than 2,500 square feet but less than 10,000 square feet of impervious area, and single-family homes creating or replacing more than 2,500 square feet of impervious area, are required to submit a Stormwater Control Plan for a Small Land Development Project that meets the criteria in Appendix C of the Contra Costa Clean Water Program's *Stormwater C.3 Guidebook, 7<sup>th</sup> Ed.* Appendix C includes minimum specifications for runoff reduction measures. The City has modified local policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012, to implement at least one of the site design measures listed in Provision C.3.i. The City has also created a flow chart with links and information to help applicants better understand the requirements:

<https://www.sanpabloca.gov/1142/Construction-Requirements>.

**C.3.j.i.(5)(d) ► Green Infrastructure Outreach**

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

The following aspects summarize the City of San Pablo's outreach and education efforts pertaining to Green Infrastructure planning and implementation:

- Please refer to the CCCWP's FY 21-22 Annual Report for a summary of outreach efforts implemented at the Countywide level.
- The City's approved GI Plan can be found online at: <https://www.sanpabloca.gov/2637/Green-Infrastructure-Plan> for the public or developers to review. This webpage has been provided in English and Spanish to better communicate to the San Pablo community the importance of green stormwater infrastructure.
- On February 2, 2022, the Annual Stormwater Utility Assessment was sent to the San Pablo City Council for approval. As part of this package, the City Council is informed about the various aspects that are paid for through this assessment fee, and green stormwater infrastructure (GSI) is part of that information.
- City staff attended and presented at the Annual CASQA Conference on October 26-27.
- City Maintenance staff attended an internal training session on 6/07/2022 this included information about GSI in the City.

- The City has educational signs at all City-owned bioretention facilities. These signs are in English and Spanish and are designed to educate the public about the function of these GSI facilities.



### C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

The process used by the City of San Pablo to identify projects with potential for green stormwater infrastructure is explained in the BASMAA May 6, 2016 document “Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects”. Staff reviewed the CIP project list and discussed the potential for GSI for each project. The CIP list is updated with GIS potential, this ensures that future projects are identified early and it is investigated as part of the preliminary design. Each of these potential projects is tracked in a spreadsheet for follow-up and reporting.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables **C.3.j.ii.(2)-Table A** and **C.3.j.ii.(2)- Table B** for the required information (pages 3-15 to 3-17).

**C.3.j.iii.(2) and (3) ► Participate in Processes to Promote Green Infrastructure**

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

- Please refer to CCCWP’s FY 21-22 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design, and fund the incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.
- Over the reporting year, the City of San Pablo has been working to establish an Alternative Compliance System in Contra Costa County to better implement green stormwater infrastructure and meet the TMDL goals. This work included regional meetings to develop a draft system and a literature review. Additional information about this project can be found here: <https://www.sanpabloca.gov/2685/Regional-Alternative-Compliance>.
- The City has been posting information on social media during the construction of the Rumrill Complete Streets Project. Below is an example post regarding GSI/Silva Cells.





City of San Pablo, CA

May 13 · 🌐

Rumrill Complete Streets Weekly Update:

Ghilotti Bros. (GBI) will continue their concrete pour in the following locations and dates; Monday, May 6th at the corner and driveway stretch north of Sutro Avenue and Island passageway at the intersection of 17th Street and on Wednesday, at the South corner at 17th Street with sidewalk and type a inlet. On Friday, May 13th, GBI will pour the bio-retention footing at Suto at Rumrill. Next week GBI will continue exaction for bio-retention locations on the South side stopping at Costa. GBI will continue storm drain work and electrical from Market to Costa.

Do You Know What A Silva Cells Is?

Silva cells are modular suspended pavement systems that use soil volumes to support tree growth and stormwater management through absorption. The modular structure of the Silva Cell system transfers loading from the ground surface vertically downward to a compacted aggregated subgrade which provides space for uncompacted soil ideal for root growth and stormwater control. It is best for urban environments with highly impervious drainage areas, such as sidewalks and roadway pavements, and limited area above ground for landscaped areas for stormwater infiltration, which can limit tree health and growth.

Silva cell systems will be installed at three locations: 1) underneath the new widened sidewalk at the southbound bus stop just north of Emeric Avenue; 2) at a tree well in the southbound sidewalk, just south of Sutter Avenue; and 3) within the widened northbound sidewalk next to new trees just north of Mission Avenue.

Please be prepared for the new temporary stop sign at Road 20/Rumrill and Barbara Lane during the duration of the project.

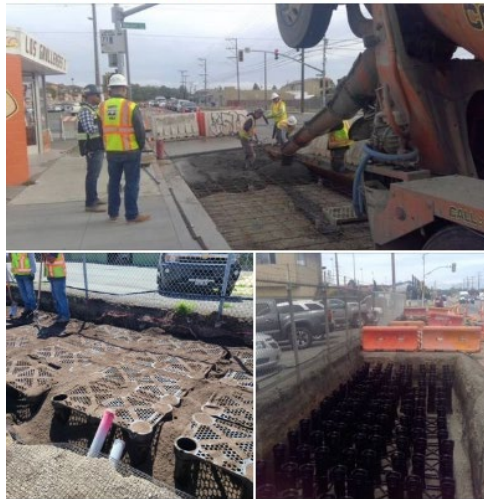
Please continue to be aware of sudden traffic delays, and construction lane changes, as we are under construction to make Rumrill a new complete streets project.

Remember 'slow to the cone'. Let's all go home SAFE !!!

If you have any project concerns/questions, please contact our Community Outreach Contact: Jacqueline Majors, 925-949-6196 or jacqueline@jmajorsandassociates.com, anytime.

Si tiene alguna duda o pregunta por favor póngase en contacto con Jacqueline Majors. Trabajadora de Servicio Para la Comunidad al número 925-949-6196.

#Rumrill #Streets #Sanpablo #weeklyupdate #SanPabloShines



- The City has been providing information in the quarterly newsletter “El Portal” about the Rumrill Complete Streets Project and the GSI being installed. <https://www.sanpabloca.gov/DocumentCenter/View/15181/Spring-2022-El-Portal-The-Gateway>

**A Safer Greener Rumrill**

The construction on Rumrill Boulevard is part of the Rumrill Complete Streets Project. This street improvement project has the goals of:

- Supporting active living through better pedestrian, bicycle and bus facilities
- Increasing safety with improved lighting and additional pedestrian crosswalks
- Improving water quality, reducing minor flooding and increasing greening along the corridor with the installation of bioretention facilities (also known as rain gardens)
- Increasing the sustainability and economic vitality of the area

This project will improve safety by installing a new separated bicycle lane, reducing the number of vehicle lanes, and enhancing sidewalks throughout the corridor. The construction also includes over 250 new trees, 50,000 square feet of new landscaping, and bioretention facilities to collect and treat stormwater before it enters the creek.

Construction on the project is expected to last until the spring of 2023. If you have any questions or would like more information about the project, please contact Allan Panganiban via e-mail at [allanp@sanabloca.gov](mailto:allanp@sanabloca.gov). For construction issues, please contact Jacqueline Majors via email at [jacqueline@jmajorsandassociates.com](mailto:jacqueline@jmajorsandassociates.com).

This project was made possible by the following funding agencies: California Department of Transportation, California Natural Resources Agency, State Coastal Conservancy, U.S. Environmental Protection Agency, Contra Costa Transportation Authority, Metropolitan Transportation Commission, and Marathon Petroleum.

**Un Rumrill Más Limpio y Seguro**

La construcción en Rumrill Boulevard es parte del Proyecto de "Calle Completa" de Rumrill. Este mejoramiento de la calle tiene los objetivos de:

- Apoyar la vida activa a través de mejoramientos de los espacios para peatones, bicicletas y autobuses
- Aumentar la seguridad con iluminación mejorada y cruces peatonales adicionales
- Mejorar la calidad del agua, reducir las inundaciones menores y aumentar la vegetación a lo largo del corredor con la instalación de "jardines de lluvia"
- Aumentar la sostenibilidad y vitalidad económica de la zona

Este proyecto mejorará la seguridad mediante la instalación de un nuevo carril separado para bicicletas, la reducción del número de carriles para vehículos y el mejoramiento de las aceras en todo el corredor. La construcción también incluye más de 250 árboles nuevos, 50,000 pies cuadrados de vegetación nueva y jardines de lluvia para recoger y limpiar el agua pluvial antes de que ingrese al arroyo.

Se anticipa que la construcción del proyecto dura hasta la primavera de 2023. Si tiene alguna pregunta o desea obtener más información sobre el proyecto, comuníquese con Allan Panganiban por correo electrónico a [allanp@sanabloca.gov](mailto:allanp@sanabloca.gov). Para problemas de construcción, comuníquese con Jacqueline Majors por correo electrónico a [jacqueline@jmajorsandassociates.com](mailto:jacqueline@jmajorsandassociates.com).

Este proyecto está patrocinado por las siguientes fuentes de financiamiento: El Departamento de Transportación de California (Caltrans), Agencia de Recursos Naturales de California (CNRA), Conservación Costera del Estado (SCC), Agencia de Protección Ambiental (EPA), Autoridad de Transporte de Contra Costa (CCTA), Comisión de Transporte Metropolitana (MTC) y Marathon Petroleum.



**C.3.j.iv.(2) and (3) ► Tracking and Reporting Progress**

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

Please refer to the Countywide Program’s FY 21-22 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period											
Project Name Project No.	Project Location <sup>4</sup> , Street Address	Name of Developer	Project Phase No. <sup>5</sup>	Project Type & Description <sup>6</sup>	Project Watershed <sup>7</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> ) <sup>8</sup>	Total Replaced Impervious Surface Area (ft <sup>2</sup> ) <sup>9</sup>	Total Pre- Project Impervious Surface Area <sup>10</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>11</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
2600 Moraga Self-Storage	2600 Moraga San Pablo CA	Recess Development Company	NA	New development: one-story self- storage facility	Rheem Creek	4.08	4.08	101,670	28,574	28,574	130,244
<b>Public Projects</b>											
None	None	None	None	None	None	None	None	None	None	None	None
Comments:  None.											

<sup>4</sup>Include cross streets

<sup>5</sup>If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

<sup>6</sup>Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

<sup>7</sup>State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

<sup>8</sup>All impervious surfaces added to any area of the site that was previously existing pervious surface.

<sup>9</sup>All impervious surfaces added to any area of the site that was previously existing impervious surface.

<sup>10</sup>For redevelopment projects, state the pre-project impervious surface area.

<sup>11</sup>For redevelopment projects, state the post-project impervious surface area.

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)**

Project Name Project No.	Application Deemed Complete Date <sup>12</sup>	Application Final Approval Date <sup>13</sup>	Source Control Measures <sup>14</sup>	Site Design Measures <sup>15</sup>	Treatment Systems Approved <sup>16</sup>	Type of Operation & Maintenance Responsibility Mechanism <sup>17</sup>	Hydraulic Sizing Criteria <sup>18</sup>	Alternative Compliance Measures <sup>19/20</sup>	Alternative Certification <sup>21</sup>	HM Controls <sup>22/23</sup>
<b>Private Projects</b>										
2600 Moraga Self-Storage	June 1, 2021	September 27, 2021	<ul style="list-style-type: none"> <li>Inlets will be marked “No Dumping – Drains to Creek”</li> <li>Landscape planting has been selected to minimize the need for pesticides.</li> <li>BMPs to sweep and remove trash</li> <li>Rain Garden Signs to educate public</li> </ul>	<ul style="list-style-type: none"> <li>Optimization of Site Layout</li> <li>Bioretention facilities use</li> </ul>	Bioretention and self-treating landscape area	O&M Agreement with Site Operator. O&M Agreement will be recorded to property when construction is complete.	2.C	None	N/A	Required: metered release of water at predevelopment rate.

<sup>12</sup>For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>13</sup>For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

<sup>14</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>15</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>16</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>17</sup>List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners’ association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>18</sup>See Provision C.3.d.i. “Numeric Sizing Criteria for Stormwater Treatment Systems” for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>19</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.iv.(2)(m)(i) for the offsite project.

<sup>20</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.iv.(2)(m)(ii) for the Regional Project.

<sup>21</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>22</sup>If HM control is not required, state why not.

<sup>23</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).O:\NPDES\Clean Water Program\Annual Report\2122\Draft Report\FY\_21-22\_AR\_Form\_City of San Pablo 071822.docx

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –  
 Projects Approved During the Fiscal Year Reporting Period  
 (public projects)**

Project Name Project No.	Approval Date <sup>24</sup>	Date Construction Scheduled to Begin	Source Control Measures <sup>25</sup>	Site Design Measures <sup>26</sup>	Treatment Systems Approved <sup>27</sup>	Operation & Maintenance Responsibility Mechanism <sup>28</sup>	Hydraulic Sizing Criteria <sup>29</sup>	Alternative Compliance Measures <sup>30/31</sup>	Alternative Certification <sup>32</sup>	HM Controls <sup>33/34</sup>
<b>Public Projects</b>										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:  None.										

<sup>24</sup>For public projects, enter the plans and specifications approval date.

<sup>25</sup>List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

<sup>26</sup>List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

<sup>27</sup>List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

<sup>28</sup>List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

<sup>29</sup>See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

<sup>30</sup>For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.iv.(2)(m)(i) for the offsite project.

<sup>31</sup>For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.iv.(2)(m)(ii) for the Regional Project.

<sup>32</sup>Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>33</sup>If HM control is not required, state why not.

<sup>34</sup>If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).O:\NPDES\Clean Water Program\Annual Report\2122\Draft Report\FY\_21-22\_AR\_Form\_City of San Pablo 071822.docx

**C.3.h.v.(2). ► Table of Newly Installed<sup>35</sup> Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)**

Fill in table below or attach your own table including the same information.

Name of Facility	Address of Facility	Party Responsible <sup>36</sup> For Maintenance	Type of Treatment/HM Control(s)
Medical Office Building	13352 San Pablo Ave.	Markdev-DV San Pablo, LLC.	Bioretention, pervious pavement

<sup>35</sup> "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

<sup>36</sup>State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2021 - June 30, 2022												
Project Name & No.	Permittee	Address	Application Submittal Date <sup>37</sup>	Status <sup>38</sup>	Description <sup>39</sup>	Site Total Acreage	Gross Density DU/ Acre	Density FAR	Special Project Category <sup>40</sup>	LID Treatment Reduction Credit Available <sup>41</sup>	List of LID Stormwater Treatment Systems <sup>42</sup>	List of Non-LID Stormwater Treatment Systems <sup>43</sup>
Alvarado Gardens Apartments	City of San Pablo	13831 San Pablo Ave.	February 4, 2022	Pending: Last submittal 2.4.22	Mix-use with 100 (affordable) apartment and retail space on ground floor.	3.78	26	0.74	C- Within ¼ mi of transit hub	50% LID; 50% non-LID	Bioretention, pervious paving, flow-through planters	Media Filter
Block C- (CP20-0304)	City of San Pablo	13717 San Pablo Ave.	April, 14, 2022	Pending: Last submittal 7.19.22	Mix-use: 91 condos, ground level parking & 3 commercial units.	0.78	108	3.2%	Category “B” for infill projects between 0.5 and 2.0 acres	100% non-LID treatment	None	Media Filter: Oldcastle/Perkfilter device

<sup>37</sup>Date that a planning application for the Special Project was submitted.

<sup>38</sup> Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

<sup>39</sup>Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

<sup>40</sup> For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

<sup>41</sup>For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

<sup>42</sup>: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project’s drainage area.

<sup>43</sup>List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project’s drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

### Special Projects Narrative

**Alvarado Gardens Apartments: 13831 San Pablo Ave.-** This project has submitted preliminary plans and is requesting “Special Project” status based on Category C. However, the project has not submitted an infeasibility analysis to show how the site is infeasible for LID. Staff is still waiting for this information, once it is submitted an analysis will be completed to determine if the site is eligible for special project status.

**Block C- (CP20-0304): 13717 San Pablo Ave.-** This project is still under review, however, it is likely to receive approval for “Special Project” status based on Category B. In accordance with appendix J of the Contra Costa Clean Water Program, the project qualifies as a “Special Project” under Category “B” for infill projects between 0.5 and 2.0 acres. The site is located within the Downtown Core Area, includes no surface parking, has at least 85% site coverage and provides a density of over 100 du/ac. As such, the project qualifies for 100% treatment by a C.3 compliant non-LID device. Staff also reviewed the site and project plan and found no reasonable/feasible way the project could move forward with the same/similar units and have on-site treatment. There is no surface parking areas for treatment, the parking area is underground and will be using stacked parking lifts, there is a small open area on the second floor but there is limited green space, not enough room for treatment. In addition, the adjacent street water is already treated due to a City project.



<b>C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure</b>				
<b>Project Name and Location<sup>44</sup></b>	<b>Project Description</b>	<b>Status<sup>45</sup></b>	<b>GI Included?<sup>46</sup></b>	<b>Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement<sup>47</sup></b>
El Portal Soccer Field – 2600 Moraga Road.	New park with soccer fields.	The project is still looking for funding, unknown timeline.	TBD-Potential	The project will depend on design, unsure if the project will increase or decrease impervious area. This project will be reevaluated once funding is received and the design is known. It is likely this project will include GSI features.
New Corp Yard Facility	New Maintenance Building and Corp Yard Facility	Concept Design – Unknown construction timeline. No current funding or location for this project.	TBD-Likely	Project to be evaluated once design and timing are better known. City is unsure the location of the project at this time.
San Pablo Bridge Replacement and Creek Restoration Project- San Pablo Avenue at San Pablo Creek	Bridge Replacement and Creek Restoration	Initial assessment stage. The Project is likely 4-6 years from construction.	TBD-Likely	The extent of the project is currently unknown, it is too early for an assessment, however initial indications are this project will involve creek restoration aspects and include LID.
Rumrill Mainline Upgrade	The project would upgrade the storm drain mainline.	Concept Only.	TBD-Unknown	This project may be combined with the Sutter Ave. project. Most of Rumrill will already have LID due to a separate project.

<sup>44</sup> List each public project that is going through your agency’s process for identifying projects with green infrastructure potential.

<sup>45</sup> Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

<sup>46</sup> Enter “Yes” if project will include GI measures, “No” if GI measures are impracticable to implement, or “TBD” if this has not yet been determined.

<sup>47</sup> Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

Road 20/23rd Street Road Realignment	This project would provide safety improvements for pedestrians, bicyclists, and vehicles.	Initial assessment stage. This project is connected to the San Pablo Bridge Replacement and Creek Restoration Project.	TBD-Unknown	The project to be evaluated further once the design and timing are better known.
Giant Rd. Bikeway	Bicycle and/or pedestrian safety improvements based on Corridor Study.	Design Phase	No	LID was deemed not feasible due to limited funding.
San Pablo Ave. Bike Lane Gap Closures	Design and construction for San Pablo Ave. bicycle lane gaps (Glenn Ave to Evans Ave; 23rd St to Rivers St) and Church Lane bicycle lane gap closure (at SPA)	Concept Only- Currently no funding	TBD- Unlikely	The project to be evaluated further once the design and timing are better known. Concept design has determined that south design has space constraints.
1701 Bush Ave. Park Improvements	New pocket park at 1701 Bush Ave.	Concept only- Has funding from State Park but no design yet.	TBD- Unlikely	This will be a small pocket park with little impervious area.
Sidewalk Gap Closure	New sidewalks to close ~7-9 miles of gap closures.	Concept Only- Currently no funding	TBD- Unknown	Potential for pervious concrete.
Rollingwood Recreation Center	Recreation facility that requires updates.	This is an old recreation center the City has purchased from Contra Costa County.	No	This will be internal upgrades only.
Giant Rd. Rail Rd Quiet Zone & Revitalization	This project would build a sound wall and other enhancements along the Railroad Tracks along Giant Road.	This project is only in the concept design phase.	No	This project would only include the installation of rail crossing barriers and a sound wall. This project has no LID opportunities.

**C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects**

Project Name and Location <sup>48</sup>	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Rumrill Blvd. Complete Streets, Rumrill Blvd. from Costa Ave to San Pablo Ave	“Complete Streets” project that will overhaul Rumrill Boulevard to encourage multiple modes of transportation by creating a bike lane, and revitalizing the street.	Construction started in October 2021. Expected completion in 2023.	This project will include various LID measures including bioswales, pervious concrete, and Silva Cells.
Sutter Ave Drainage Rehabilitation Project	This is a street retrofit project which includes storm drain upgrades and LID features.	Project is at the 50% design phase. Construction is expected in 2023.	This project will include various LID measures including a combined modular bioretention and Silva Cell design.
El Portal Greening Project – El Portal Drive between Church and Fordham.	Road greening project with LID design.	Completed	This project includes bioswale facilities on El Portal Drive.
Wildcat Creek Restoration and Greenway Trail	Greenway trail for cyclists and pedestrians along Wildcat Creek.	Completed	This project included bioswales in a refurbished parking lot and infiltration areas adjacent to the new trail.

<sup>48</sup> List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

**Section 4 – Provision C.4 Industrial and Commercial Site Controls**

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

- Refer to the C.4 Industrial and Commercial Site Controls Section of the CCCWP’s FY 21-22 Annual Report for a description of activities of the CCCWP’s Municipal Operations Committee and the BASMAA Municipal Operations Committee.
- Staff coordinated with representatives from the West County Wastewater District (WCWD) to prioritize inspections and discuss any priorities for 2021-2022.
- San Pablo staff reviewed the City’s Businesses Inspection Plan and updated the Plan to include the new master inventory list and the inspection list for FY 2021-22.
- San Pablo staff reviewed the City’s Enforcement Response Plan; no revisions were made.
- WCWD inspectors conduct the commercial and industrial facility inspections on behalf of the City of San Pablo. WCWD completed 66 inspections for the 2021-22 reporting year on behalf of the City of San Pablo.
- The City coordinated with WCWD to hand out informational flyers regarding the City’s ban on plastic foam and plastic bags to relevant businesses during business inspections.
- City staff attended the C.4/C.5 Stormwater Inspector Training Workshop held on June 22, 2022.
- City staff attended the Municipal Operations Committee meetings on 9 occasions (July, August, September, October, November, January, February, April, and May) during the reporting year.

**C.4.b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)**

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

The City staff meet with WCWD to review the prior-year inspections and prioritize facilities to inspect during the FY 2021-22 reporting year. Please see **Attachment A: C.4.b.iii (1)- Potential Facilities List** for the City of San Pablo’s list of commercial facilities. In 2021 San Pablo recorded:

- 93 Food Service/Catering businesses
- 37 Vehicle Service (including body shops and car washes) businesses
- 17 Grocery Stores
- 8 Gas Stations
- 8 Mini-Markets
- 5 Retail businesses
- 3 Vehicle Sales/Rental businesses

**C.4.d.iii.(2)(a) & (c) ► Facility Inspections**

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

- |                                     |  |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action. |
| <input type="checkbox"/>            | Permittee reports the total number of discrete potential and actual discharges on each site.             |

	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	<b>66</b>
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	<b>1</b>
Comments:  Over the 2021-22 reporting year, the West County Wastewater District performed 66 business inspections. In total, 1 site required follow-up and enforcement. The one business with enforcement required a notice of violation, the business immediately stopped the action. The business shut down and moved. All business rectified the issues within 10 business days or otherwise deemed resolved in a longer but still timely manner.	

**C.4.d.iii.(2)(b) ► Frequency and Type of Enforcement Conducted**

Fill out the following table or attach a summary of the following information.

	<b>Enforcement Action</b> (as listed in ERP) <sup>49</sup>	<b>Number of Enforcement Actions Taken</b>
Level 1	Verbal Warning/Warning Notice/Education	<b>0</b>
Level 2	Notice of Violation	<b>1</b>
Level 3	Formal Enforcement	<b>0</b>
Level 4	Legal Action or Referral	<b>0</b>
<b>Total</b>		<b>1</b>

**C.4.d.iii.(2)(d) ► Frequency of Potential and Actual Non-stormwater Discharges by Business Category**

Fill out the following table or attach a summary of the following information.

<b>Business Category<sup>50</sup></b>	<b>Number of Actual Discharges</b>	<b>Number of Potential Discharges</b>
<b>Food Service</b>	<b>0</b>	<b>0</b>
<b>Vehicle Services</b>	<b>0</b>	<b>0</b>
<b>Grocery Store</b>	<b>0</b>	<b>0</b>
<b>Mini-Mart</b>	<b>0</b>	<b>0</b>
<b>Retail</b>	<b>0</b>	<b>0</b>
<b>Car Wash/Detailers</b>	<b>1</b>	<b>0</b>

**C.4.d.iii.(2)(e) ► Non-Filers**

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

There were no facilities identified as non-filers during inspections in the permit year.

<sup>49</sup>Agencies to list specific enforcement actions as defined in their ERPs.

<sup>50</sup>List your Program's standard business categories.

<b>C.4.e.iii ► Staff Training Summary</b>						
<b>Training Name</b>	<b>Training Dates</b>	<b>Topics Covered</b>	<b>No. of Industrial/ Commercial Site Inspectors in Attendance</b>	<b>Percent of Industrial/ Commercial Site Inspectors in Attendance</b>	<b>No. of IDDE Inspectors in Attendance</b>	<b>Percent of IDDE Inspectors in Attendance</b>
CCCWP C.4/C.5 Stormwater Inspector Training Workshop	June 22, 2022	Stormwater Regulatory Overview Investigating Cross Connections in Storm Water Addressing Encampments Enforcement & Coordination	City of San Pablo-1 WCWD-0	City of San Pablo – 100%	City of San Pablo-1	City of San Pablo – 100%
CWEA ECI Toolbelt Training	August 4, 2022	CWEA's Collection System Maintenance, Environmental Compliance Inspector, Mechanical Technologist and Electrical & Instrumentation	WCWD-1	WCWD-50%	N/A	N/A
CWEA Illicit Discharge Tracking Training Webinar	March 4, 2022	Illicit Discharge Tracking and training with storm water elements	WCWD-1	WCWD-50%	N/A	N/A
WEF – Weftec Annual Conference	October 15-21, 2021	<ul style="list-style-type: none"> <li>• CECs in Stormwater</li> <li>• Green Infrastructure</li> <li>• Watershed Management</li> <li>• Water Quality</li> </ul>	WCWD-1	WCWD-50%	N/A	N/A
Virtual statewide conference on illegal dumping (Alameda County Supervisor Miley)	April 19-20, 2022	<ul style="list-style-type: none"> <li>• General inspector skills</li> <li>• Green infrastructure</li> <li>• Stormwater program</li> </ul>	WCWD-1	WCWD-50%	N/A	N/A
CWEA –Annual Pretreatment, Pollution Prevention and Stormwater Conference	June 21-23, 2022	<ul style="list-style-type: none"> <li>• Stormwater program</li> <li>• General inspector skills</li> </ul>	WCWD-1	WCWD-50%	N/A	N/A
Comments: <b>None.</b>						

**Section 5 – Provision C.5 Illicit Discharge Detection and Elimination**

**Program Highlights and Evaluation**

**Highlight/summarize activities for reporting year:**

Provide background information, highlights, trends, etc.

Summary:

- San Pablo has a very aggressive illicit discharge program where any discharger that allows a pollutant to enter the storm drain system is automatically issued a \$1,000 administrative fine.
- City staff attended the Municipal Operations Committee meetings on 9 occasions (July, August, September, October, November, January, February, April, and May) during the reporting year.
- San Pablo staff have made [mobile business brochures](#) available to residents at the permit counter, on the website and provided some brochures to Code Enforcement staff. The website has been updated to present information in English and Spanish to better communicate with the San Pablo community.
- Refer to the C.5 Illicit Discharges Detection and Elimination section of CCCWP’s FY 2020-21 Annual Report for a description of activities conducted at the countywide and regional level.

**C.5.c.iii ► Complaint and Spill Response Phone Number**

Summary of any changes made during FY 21-22:

There were no changes to the City’s spill response phone number.

**C.5.d.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking**

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	<b>Number</b>
Discharges reported (C.5.d.iii.(1))	15
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	5
Discharges resolved in a timely manner (C.5.d.iii.(3))	15



Comments:

The City's NPDES staff have been educating maintenance staff, Code Enforcement staff, and inspectors regarding illicit discharge violations. All discharges and complaints are logged, investigated, and reported in accordance with the City's Enforcement Response Plan. All reported illicit discharges are substantiated in the field. Over the 2021-22 reporting year, 9 discharges were prevented from reaching the storm drain/receiving water. Each time prevention was due to quick response, correct BMPs and/or distance an issue occurred from a storm drain inlet or receiving water.

Six discharges entered the creek or storm drain system

- One incident involved sewage overflow. West County Waste Water District (WCWD) had a sewage overflow in the northeastern part of the City. WCWD did not request City assistance in clean-up efforts and the City was closed on the day of the incident. City staff coordinated with WCWD to ensure proper cleaning occurred.
- Three incidents involved dumping/debris directly into the creek- City maintenance department or County Hazardous Material Department (for tires) responded to the incidents and removed the debris from the creek. No enforcement action was implemented due to a lack of evidence.
- One incident involved dumped motor oil- City maintenance staff responded and cleaned up the oil. There was no evidence of who dumped the oil.
- One incident involved a private property that had a catch basin on their property and dirt from the property was entering the basin. Since the infrastructure is on private property staff notified Cod Enforcement who issued a Notice of Violation. The sediment was removed and the issue was resolved.

Nine discharges were prevented from entering the creek or storm drain system

- Three incidents involved water entering the gutters. The water was prevented from entering the storm drain system due to the distance to a catch basin or catch basins with protection due to adjacent construction work. Warning notices were issued in all cases
- Six incidents involved debris from adjacent construction sites- All debris was prevented from entering the catch basins due to appropriate BMPs in place. Warning notices or verbal warnings were issued to each construction project and each site removed the sediment, water or debris.

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals</b>			
<b>Number of active Hillside Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)</b>	<b>Number of High Priority Sites (sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii. 3.c)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)</b>	<b>Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii. 3.d)</b>
<b># 0</b>	<b># 1</b>	<b># 0</b>	<b># 11</b>
<p>Comments:</p> <p>No inspections occurred for sites outside of these categories. This data includes one public project. The one public project was considered “High Priority” because of the location, extent of the work and visibility of the project. Construction for this project started in October 2021.</p>			
<p><b>Provide the number of inspections that are conducted at sites not within the above categories as part of your agency’s inspection program and a general description of those sites, if available or applicable.</b></p> <p>No inspections occurred in FY 21-22 for sites outside of the above categories.</p>			

<b>C.6.e.iii.(3)(e) ► Construction Related Storm Water Enforcement Actions</b>		
	<b>Enforcement Action</b> (as listed in ERP) <sup>51</sup>	<b>Number Enforcement Actions Issued</b>
Level 1 <sup>52</sup>	Verbal Warning/Warning Notice/Education	6
Level 2	Notice of Violation	0
Level 3	Formal Enforcement	0
Level 4	Legal Action or Referral	0
<b>Total</b>		<b>6</b>

<b>C.6.e.iii.(3)(f), ► Illicit Discharges</b>	
	<b>Number</b>
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

<b>C.6.e.iii.(3)(g) ► Corrective Actions</b>	
Indicate your reporting methodology below.	
<input type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	<b>Number</b>
<b>Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered</b> or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	6
<b>Comments:</b>	
All actions were resolved within 10 days or otherwise deemed resolved in a longer but still timely manner.	

<sup>51</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>52</sup>For example, Enforcement Level 1 may be Verbal Warning.

**C.6.e.iii.(4) ► Evaluation of Inspection Data**

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

All reported enforcement actions issued were verbal warnings/education and most were minor housekeeping items. The most common reported enforcement were storm drain inlets that needed to be protected or covered, stabilization of the entrance/exits, and street sweeping near the construction site. Often inspectors called for new inlet filter fabrics or to fix their placement (current ones were deteriorating or had been moved and did not fully cover the inlet anymore). Compared to last year, the number of enforcement actions has significantly decreased (from 12 to 6); this is likely due to a decrease in the number of large construction projects in the City.

**C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness**

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

- The current program is working well. Monthly reminders are emailed to all inspectors of high-priority sites to make sure inspection reports are completed correctly and on time. All inspection reports are provided to the City's Environmental Program Analyst, who tracks the information in a spreadsheet.
- City staff has continued the increased communication between the stormwater inspectors and project site managers. Project site managers were issued "reminders" that the official start of the rainy season was October 15th. These reminders informed project managers that City staff would be on-site for inspection prior to October 15th and all stormwater BMPs were required to be in place. In addition, throughout the rainy season, when possible, staff sent out reminders to project sites when heavy rains were forecasted.
- City staff attended the Development Committee on 8 occasions during the reporting year (July, August, January, February, March, April, May, and June).
- Refer to the C.6 Construction Site Control section of CCCWP's FY 21-22 Annual Report (if applicable) for a description of activities at the countywide or regional level.

C.6.f.iii ► Staff Training Summary			
Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
ACCWP-CCCWP Joint Construction Stormwater Training Workshop	March 30, 2022	<ul style="list-style-type: none"> <li>• MRP C.6 Refresher</li> <li>• Regulatory Update</li> <li>• Stories from the Field</li> <li>• Inspector Panel</li> </ul>	2

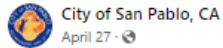
Section 7 – Provision C.7. Public Information and Outreach

**C.7.b.i.1 ► Outreach Campaign**

Summarize outreach campaign. Include details such as messages, creative developed, and outreach media used. The detailed outreach campaign report may be included as an attachment. If outreach campaign is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

- Due to the COVID-19 health crisis, large in-person outreach campaigns were limited for FY 21-22.
- Refer to the CCCWP’s FY 21-22 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign.
- The City has continued its litter reduction campaign with social media posts about how to report litter and illegal dumping, free disposal options in San Pablo, litter pick-up events, and highlighting groups doing great litter removal work (see below social media post examples).
- The City held an Earth Day Cleanup Event in partnership with EarthTeam and SPAWNERS and attended the Contra Costa College Earth Day Event with an information booth about the watershed and storm drains.
- The City continued the collaboration with EarthTeam regarding a specific trash reduction outreach campaign on Rumrill Blvd and surrounding neighborhoods. The City developed a program with EarthTeam to perform trash monitoring, assessments, and education. In the reporting year, the Earth Team students focused on 23<sup>rd</sup> Street since the Rumrill project is under construction. Results from the 2021-2022 Earth Team Litter Outreach Campaign:
  - EarthTeam interns mapped, classified, and removed 12,000 pieces of litter from hot spot areas in San Pablo.
  - 13 EarthTeam inters held 42 workdays and averaged 77 hours of program work per intern.
  - See **Attachment B** for more information about this year’s activities.



City of San Pablo, CA  
 April 27 · 🌐

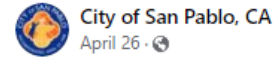
Contra Costa College Earth Day Celebration  
 San Pablo Public Works staff participated in the Contra Costa College Earth Day Celebration Event last Friday. Staff used the watershed model to demonstrate the difference between the stormdrain and sewer systems, and how to protect our creeks and beaches by not littering or dumping anything in the gutters. Remember, only rain can go down the stormdrain.

El personal de del departamento de Obras Públicas de San Pablo participó en el Evento de Celebración del Día de la Tierra de Contra Costa College el viernes pasado. El personal usó el modelo de cuenca hidrográfica para demostrar la diferencia entre los sistemas de alcantarillado y drenaje pluvial, y cómo proteger nuestros arroyos y playas al no tirar basura ni arrojar nada en las alcantarillas. Recuerde, solo la lluvia puede bajar por el desagüe pluvial.

#SanPablo #SanPabloShines #cleanupchallenge #kids #EarthDay #earth #WeAreSanPablo



👍🥰 7



City of San Pablo, CA  
 April 26 · 🌐

Earth Day Cleanup Events

San Pablo Public Works hosted two cleanup events last weekend where over 541 lbs of trash were removed from Wildcat Creek. Thank you to the San Pablo Youth Commissioners, Richmond High Earth Team, San Pablo Rotary and our wonderful residents who volunteered to clean the creek!

El departamento de Obras Públicas de San Pablo organizó dos eventos de limpieza el fin de semana pasado en los que se retiraron más de 541 libras de basura de Wildcat Creek. ¡Gracias a los Comisionados Juveniles de San Pablo, al Equipo de la Tierra de Richmond High, al Rotario de San Pablo ya nuestros maravillosos residentes que se ofrecieron como voluntarios para limpiar el arroyo!

#Earth #EarthDay #Cleanup #cleanupchallenge #SanPablo #SanPabloShines




👍🥰 20

1 Share

**City of San Pablo, CA**  
 April 12 · 🌐

The City partnered with Ms. Debra Shushan and Ms. Litzia Martin from [Salesian College Preparatory](#) for their annual Service Day on Friday, April 8th to clean up the creek at the 23rd Street Park. The 12 students picked up 19 bags, a couch, a computer, two crates, and a yard chair. Thank you volunteers!

La Ciudad se asoció con la Sra. Debra Shushan y la Sra. Litzia Martin de Salesian College Preparatory para su Día de Servicio anual el viernes 8 de abril para limpiar el arroyo... [See more](#)



👍❤️ 32      3 Comments

**City of San Pablo, CA**  
 February 7 · 🌐


The City of San Pablo hosted another workday with students from Salesian College Preparatory along the new Wildcat Creek Greenway Trail. The focus for the workday was removing invasive fennel. It was challenging to take out the roots, but rewarding when we succeeded!

Native wildlife depend on native plants. But invasive plants can outcompete and displace native plants. Removing invasive plants helps native plants get established and create a healthy ecosystem.

La ciudad de San Pablo organizó otro día de trabajo con estudiantes de Salesian College Preparatory a lo largo del nuevo Sendero "Verde" del Arroyo Wildcat. El enfoque del día fue eliminar el hinojo invasivo. Fue un desafío sacar las raíces, ¡pero gratificante cuando lo logramos!

La vida silvestre nativa depende de las plantas nativas. Pero las plantas invasivas pueden superar y desplazar a las plantas nativas. La eliminación de plantas invasivas ayuda a que las plantas nativas se establezcan y creen un ecosistema saludable.

[#SanPablo](#) [#WildcatCreek](#) [#Cleanup](#) [#youth](#) [#Wearesanpablo](#) [#students](#) [#Sanpabloshines](#)



👍👍👍 19      3 Comments

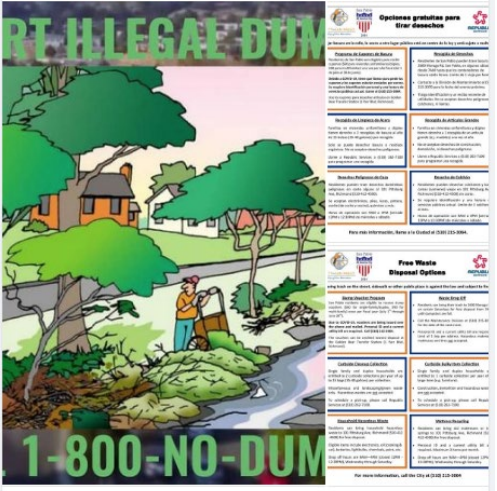
**City of San Pablo, CA**  
 December 29, 2021 · 🌐

Help keep our City clean! Don't Dump!  
 If you witness someone dumping trash on the street, sidewalk or creek, please call 510-724-1111.

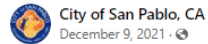
To report illegal dumping after the incident has occurred, call 1-800-NO DUMPING (1-800-663- 8674)

There are also a number of FREE waste disposal services offered by the City. Please see flyers for additional details.

[#SanPablo](#) [#DontDump](#) [#SanPabloShines](#) [#Clean](#) [#WeAreSanPablo](#) [#ReportIllegalDumping](#)







The City of San Pablo would like to extend a big THANK YOU to the local resident who coordinated a neighborhood clean-up of Rheem Creek at Wanlass Park this past weekend!

The coordinator worked with staff to find an appropriate site, and staff picked up the collected trash and debris on Monday morning.

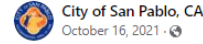
The City truly appreciates these efforts from our community. If anyone else is interested in coordinating your own cleanup, please contact city staff at 215-3064 to get you the information and tools that you need and coordinate with Maintenance staff to come pick up the collected debris afterwards.

#SanPablo #Wearesanpablo #neighbors #Sanpabloshines #Thankyou #Ourresidentsrock #thankyousanpablo #weloveourcity



45

11 Comments 1 Share



Successful Creek Cleanup!

Thank you to the 25 volunteers who came out last weekend to clean part of Wildcat Creek! We picked up 28 45-gallon bags of trash and one bag of recycling. We also picked up a lot of larger items that didn't fit into bags (TV, microwave, 2 strollers, a table, suitcase, couch, and laundry basket). It was a fun morning and the volunteers were excited to go in the creek and do their part to clean up San Pablo. Stay tuned for future opportunities to help care for our community!

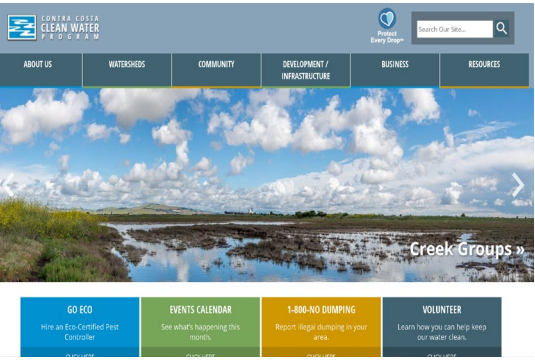
#SanPablo #WildcatCreek #Cleanup #SanPabloShines #Wearesanpablo

### Wildcat Creek Cleanup 2021 at Davis Park, in San Pablo



#### C.7.c. Stormwater Pollution Prevention Education

In the FY 21-22 reporting year, there were no changes to the City's website or phone number used as the point of contact for information on stormwater issues.

C.7.d ► Public Outreach and Citizen Involvement Events		
Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Contra Costa Clean Water Program, City of San Pablo, and BASMAA Websites</p> <ul style="list-style-type: none"> <li>Public Outreach</li> <li>Local and Countywide</li> </ul> 	<p>These websites provide local and regional points of contact, recommendations for approved water quality vendors (cleaning), and information about: stormwater issues, watershed characteristics, and stormwater pollution prevention alternatives.</p> <p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details describing the program</p>	<p>The City of San Pablo and Contra Costa County have continued to update their websites to improve the community's ability to navigate to the information they need. The City has received positive feedback about the improvements and there has been an increase in residents informing the City about illegal dumping.</p> <p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details regarding the effectiveness of this site.</p>
<p>Our Water Our World (OWOW)</p> <ul style="list-style-type: none"> <li>Public Outreach</li> <li>Regional and Countywide</li> </ul>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details describing the program.</p>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details regarding the effectiveness of this event.</p>
<p>Volunteer Field Monitoring Equipment Maintenance Support.</p> <ul style="list-style-type: none"> <li>Citizen Involvement and Public Outreach</li> <li>Countywide</li> </ul>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 20-21 Annual Report, Section C.7, for further details describing the program.</p>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 20-21 Annual Report, Section C.7, for further details regarding the effectiveness of this outreach.</p>

<p>Social Media Outreach and Posts</p> <ul style="list-style-type: none"> <li>• Public Outreach</li> <li>• Regional and Countywide</li> </ul> <p><a href="https://www.facebook.com/cccleanwaterprogram/">https://www.facebook.com/cccleanwaterprogram/</a></p>	<p>City of San Pablo contributes and shares information on the Contra Costa’s Clean Water Program Instagram and Facebook pages.</p> <p>Please refer to CCCWP’s C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details describing the program.</p>	<p>Please refer to CCCWP’s C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details regarding the effectiveness of this outreach.</p>
<p>Annual Wildcat Creek Clean-up, October 9, 2021, Davis Park.</p> <ul style="list-style-type: none"> <li>• Citizen Involvement and Public Outreach</li> <li>• Local</li> </ul>	<p>Annual Creek Cleanup at Davis Park. The City contracts with Kids for the Bay who visit local schools to teach about stormwater and creek issues and promote the event. The cleanup event is for students and local residents.</p>	<p>The educational aspect of this program reached 473 students through in-classroom virtual education. The final program clean-up event had 25 volunteers that removed 1,260 gallons of trash.</p> <p><b>Attachment B</b> has the full program report.</p>
<p>Bring Back the Natives Virtual Garden Tours</p>	<p>This was an online tour for homeowners and gardeners. The program has educational elements about yards that reduced water and pesticide usage.</p> <p>Please refer to CCCWP’s C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details describing the program.</p> <p>April 16, 2022  <a href="https://www.youtube.com/watch?v=ZriBG6N3SQ4">https://www.youtube.com/watch?v=ZriBG6N3SQ4</a></p>	<p>Please refer to CCCWP’s C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details regarding the effectiveness of this outreach.</p>

<p>Illegal Dumping Educational Video</p> <ul style="list-style-type: none"><li>• Public Outreach</li><li>• Regional and Countywide</li></ul>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details describing the program.</p> <p><a href="https://www.facebook.com/cccleanwaterprogram/videos/dontdump-dumping-trash-on-the-side-of-the-road-is-illegal-and-harmful-to-our-wat/1071926520294183/">https://www.facebook.com/cccleanwaterprogram/videos/dontdump-dumping-trash-on-the-side-of-the-road-is-illegal-and-harmful-to-our-wat/1071926520294183/</a></p>	<p>Please refer to CCCWP's C.7 Public Information and Outreach section of FY 20-21 Annual Report, Section C.7, for further details regarding the effectiveness of this outreach.</p>
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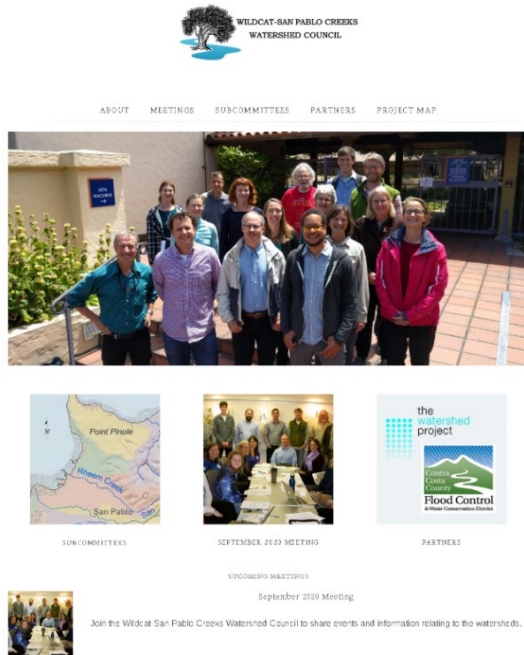
**C.7.e. ► Watershed Stewardship Collaborative Efforts**

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:



The City of San Pablo supports and participates in various local and regional programs to promote Watershed Stewardship including:

- The City is an active member of the Contra Costa Watershed Forum.
- Staff attended the quarterly Wildcat-San Pablo Creeks Council meetings, which were held virtually in 2021-2021. The City attended four meetings that occurred during the reporting year. The Wildcat-San Pablo Creeks Watershed Council provides a collaborative forum for consensus planning among various agencies, citizen groups, and individuals and is a resource for those who seek solutions to technical, management, monitoring, and funding issues for creeks in the Wildcat Creek and San Pablo Creek watersheds. More information about meetings and topics can be found at <https://www.wcspcouncil.org/>.
- The City of San Pablo was involved in the regional efforts for public information and outreach, please see the Contra Costa Clean Water Program’s Countywide FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness.

<b>C.7.f. ► School-Age Children Outreach</b>			
Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.			
<b>Program Details</b>	<b>Focus &amp; Short Description</b>	<b>Number of Students/Teachers reached</b>	<b>Evaluation of Effectiveness</b>
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Mr. Funnelhead School, City/County Events and TV Ads: An educational program that focuses on the recycling of used motor oil and filters. All ages.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details of this program.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details and numbers.	Please refer to CCCWP's C.7 Public Information and Outreach section of FY 21-22 Annual Report, Section C.7, for further details regarding the effectiveness of this program.
Kids for the Bay (KftB) Environmental Education Presentations to: <ul style="list-style-type: none"> <li>• Dover Elementary School,</li> <li>• Helms Middle School; and</li> <li>• St. Paul School</li> </ul> Elementary and middle school	KftB Instructors visited local schools to give environmental education presentations. During the presentations, students learned how pollution reaches Wildcat Creek through the storm drain system, where it goes from there (to the San Francisco Bay and eventually the Pacific Ocean) and how it harms wildlife.	Estimated that 473 students were reached through the school's program with a total of 19 classroom and assembly presentations.	Overall, the program is well received and the students always report learning a lot. The program had 25 volunteers at the clean-up event, which removed over 1,200 gallons of trash. The City will continue to attempt to reach more students and volunteers by inviting Salesian College Preparatory to future events. Parents, students and teachers report great value in the program.
EarthTeam Rumrill Blvd. Trash Reduction Project with	EarthTeam performs trash monitoring, assessments, and education. Phase 1 of the	The project involved over 13 students that completed 42 workdays, 1,000 service and	The Project is well received by residents, students and the City Council. The students report

<p>Richmond and Kennedy High School Students.</p>	<p>project includes student recruitment, sustainability education and assessment training. This year the project focused on 23<sup>rd</sup> Street since Rumrill is under construction.</p>	<p>educational hours and outreached to 77 other participants. The project geotagged, logged and removed over 12,000 pieces of litter in the project area.</p>	<p>learning a lot about trash and trash reduction efforts. The program significantly increased the number of workdays and trashed removed. In addition, the students presented to City Council on recommendations to continue trash/litter reduction efforts in San Pablo. More information about the program can be found in <b>Attachment B</b>.</p>
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Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance							
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				<b>X</b>	Yes	<input type="checkbox"/>	No
If no, explain:							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and <b>suggest reasons for increases in use of pesticides that threaten water quality</b> , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.							
Trends in Quantities and Types of Pesticide Active Ingredients Used <sup>53</sup>							
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount <sup>54</sup>						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	
<b>Organophosphates</b>	0	0	0	0	0	0	
Active Ingredient Chlorpyrifos	0	0	0	0	0	0	
Active Ingredient Diazinon	0	0	0	0	0	0	
Active Ingredient Malathion	0	0	0	0	0	0	
<b>Pyrethroids (see footnote #54 for list of active ingredients)</b>	0	0	0	0	0	0	
Active Ingredient Type Bifenthrin	30.7 oz	33.3 oz	30.7 oz	15 oz	0	0	
<b>Carbamates</b>	0	0	0	0	0	0	
Active Ingredient Carbaryl	0	0	0	0	0	0	
Active Ingredient Aldicarb	0	0	0	0	0	0	
<b>Fipronil</b>	0	0	0	0	0	0	
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	
<b>Indoxacarb</b>	0	0	0	0	0	0	

<sup>53</sup>Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>54</sup>Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.



Diuron	0	0	0	0	0	0
Diamides	0	0	0	0	0	0
Active Ingredient Chlorantraniliprole	0	0	0	0	0	0
Active Ingredient Cyantraniliprole	0	0	0	0	0	0

**Reasons for increases in use of pesticides that threaten water quality:**

The City only uses Bifenthrin on the exterior of buildings when necessary. The City has not contracted with any external companies for building pesticide services and therefore no Bifenthrin was used.

**IPM Tactics and Strategies Used:**

Examples of IPM tactics that were used included:

- The halting of pesticide services while buildings had minimal occupancy.
- The maintenance crew was required to remove, cut, pull, and mow weeds prior to seeding to prevent them from spreading rather than using pesticides, particularly in areas adjacent to the Creeks.
- Goats were used to remove weeds on hillsides to reduce fire danger.
- The City reduced the use of irrigation in areas due to drought and therefore prioritized weed abatement to control growth and spreading.



**C.9.b ▶ Train Municipal Employees**

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	<b>6</b>
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	<b>7</b>
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	<b>100%</b>
Type of Training:  City staff have attended PAPA seminars and received internal IPM training.	

<b>C.9.c ▶ Require Contractors to Implement IPM</b>			
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> N/A No,
If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored			
<p>Since all City facilities were shut down due to the COVID-19 pandemic, the City did not contract with any companies for pesticide services. The City has not renewed any contract for these services and will continue to halt these services until they are deemed necessary.</p>			

<b>C.9.d ▶ Interface with County Agricultural Commissioners</b>			
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, summarize the communication. If no, explain.			
<p>The City did not directly communicate with the County Ag Commissioner. However, the County Ag Commissioner attended the June MOC meeting. Beth Slate from the County Agriculture Commission presented what County Ag does, alternative and mitigation measures, safety protocols, reporting, handling, and proper disposal.</p>			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			
N/A			

**C.9.e.ii (1) ► Public Outreach: Point of Purchase**

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

**C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach**

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); **AND/OR** reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

**C.9.e.ii.(3) ► Public Outreach: Pest Control Operators**

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

In addition, the City of San Pablo has made the Landscaping Professionals BMP Brochure available on the City’s website, with information on how landscapes can reduce pesticide usage. <https://www.sanpabloca.gov/2650/Tips-for-Mobile-Businesses>.

**C.9.f ▶ Track and Participate in Relevant Regulatory Processes**

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 21-22, the City of San Pablo participated in regulatory processes related to pesticides through contributions to the countywide Program and CASQA. For additional information, see the Regional Report prepared by CASQA.

**Section 10 - Provision C.10 Trash Load Reduction**

**C.10.a.i ► Trash Load Reduction Summary**

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High, or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage

**Trash Load Reductions**

Percent Trash Reduction in All Trash Management Areas (TMAs) due to <b>Trash Full Capture Systems</b> (as reported C.10.b.i)	<b>68%</b>
Percent Trash Reduction in all TMAs due to <b>Control Measures Other than Trash Full Capture Systems</b> (as reported in C.10.b.ii) <sup>55</sup>	<b>0%</b>
Percent Trash Reduction due to <b>Jurisdiction-wide Source Control Actions</b> (as reported in C.10.b.iv)	<b>10%</b>
<b>SubTotal for Above Actions</b>	<b>78%</b>
<b>Trash Offsets (Optional)</b>	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	<b>9.6%</b>
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	<b>0%</b>
<b>Total (Jurisdiction-wide) % Trash Load Reduction through FY 2021-22</b>	<b>87.6%</b>

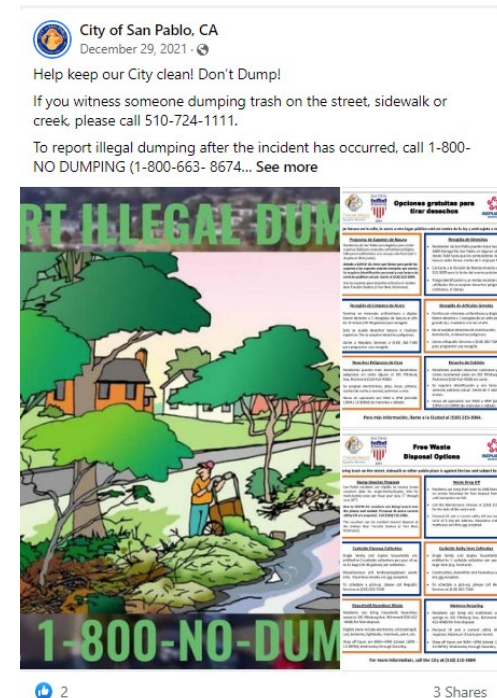
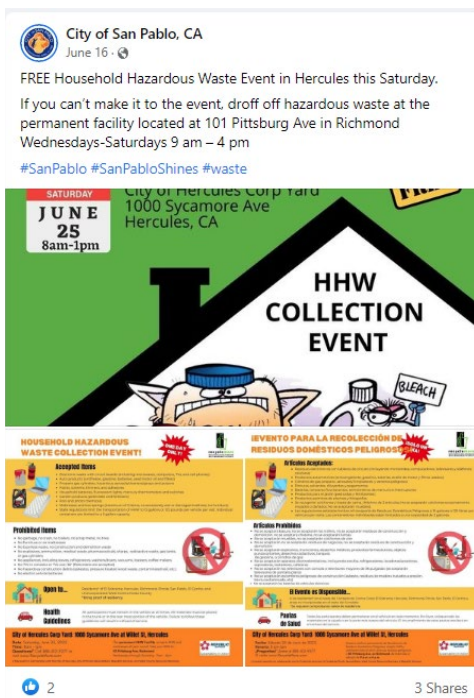
**Discussion of Trash Load Reduction Calculation:**

The City of San Pablo has made litter and illegal dumping a focus area for City improvement. Litter and illegal dumping were identified as a major issue of concern for City of San Pablo staff, residents, and elected officials. In 2019, the City Manager convened an internal Litter and Illegal Dumping Task Force (Task Force), comprised of staff from the Public Works, Community Services, and Police Departments, to understand the issue and identify programs that could be developed and proposed to the City Council for future program implementation. In February 2020, the Task Force presented the multi-year litter and illegal dumping program to the City Council. The City Council fully supported this approach and agreed to move forward to find the \$745,000 required for implementation. For more information, view the [recording](#) of the City Council Presentation and the accompanying [staff report](#). However, due to budget constraints resulting from COVID-19, program implementation continues to be delayed. Staff have been able to move forward with some aspects of the program through grant funding. The City has implemented a pilot enforcement program with multi-unit dwellings (MUD) and has provided “mini dumpster day” events in MUD neighborhoods to reduce illegal dumping.

<sup>55</sup> See Appendix 10-1 for changes between 2009 and FY 21-22 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

In the 2021-22 reporting year, staff have been limited in their ability to implement this program and the Direct Discharge Plan due to COVID restrictions. However, staff have been able to focus outreach to residents and business owners regarding free disposal options available in San Pablo and enforcement activities. Below are example posts, information, and videos that were released as part of this project.

- Clean San Pablo Video Project: <https://www.facebook.com/sanpablopolice/videos/615746932408313/>
- Free disposal information website: <https://www.sanpabloca.gov/2509/Free-Disposal-Options>
- Example Social Media Posts:



<b>C.10.a.iii ► Mandatory Trash Full Capture Systems</b>		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed during FY 21-22, and prior to FY 21-22, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
<b>Type of System</b>	<b># of Systems</b>	<b>Areas Treated (Acres)</b>
<b>Installed in FY 21-22</b>		
<b>Connector Pipe Screens</b>	<b>0</b>	<b>0</b>
<b>LID Facilities</b>	<b>1</b>	<b>1</b>
<b>Installed Prior to FY 21-22</b>		
<b>Connector Pipe Screens</b>	<b>118</b>	<b>638</b>
<b>LID Facilities</b>	<b>23</b>	<b>53</b>
<b>Total for all Systems Installed To-date</b>		<b>693</b>
<b>Treatment Acreage Required by Permit (Population-based Permittees)</b>		<b>39</b>
<b>Total # of Systems Required by Permit (Non-population-based Permittees)</b>		<b>N/A</b>

**C.10.b.i ► Trash Reduction - Full Capture Systems**

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 21-22 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 21-22 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 21-22	Summary of Maintenance Issues and Corrective Actions
1	28.2	142- (118 FTC devices and 24 LID facilities)	Over the reporting year: <ul style="list-style-type: none"> <li>• 68% of units were reported as plugged/blinded or clogged. Eight devices were reported as “Clogged” more than once.</li> <li>• 13% of the units were reported as 50% full or more. (Four devices reported being full more than once).</li> <li>• 8% of units were reported as plugged/clogged and more than 50% full.</li> </ul>	<ul style="list-style-type: none"> <li>• CPS units were cleaned 335 times. Most devices required cleaning at a minimum of twice (a few devices were only cleaned once due to a construction site obstructing access to the devices or a second cleaning was not necessary). Devices that were obstructed by construction activities were maintained in accordance with C.6 requirements.</li> <li>• 35 FTC devices were more than 50% full of trash. These devices were recorded and are maintained at a more frequent interval. Only 5 of these 35 were more than 50% full with trash, all others were full of leaves and other natural debris.</li> <li>• 81 FTC devices were recorded as “clogged.” Many times a device reported as 50% full was also reported as “blocked” or “plugged”. These devices were recorded and are maintained at a more frequent interval. Some devices required up to 5 separate cleaning events.</li> <li>• All City-owned LID facilities have their own O&amp;M Plan and each site was maintained in accordance with the O&amp;M Plan.</li> </ul>
2	22.4			
3	8.7			
4	0.6			
5	1.4			
6	0.0			
7	0.0			
8	0.1			
9	2.5			
10	0.1			
11	3.3			
12	0.3			
13	0.3			
14	0.1			
<b>Total</b>				

**Certification Statement:**

The City of San Pablo certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in a manner that meets the full capture system requirements included in the Permit.



**C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)**

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels, and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	No New Actions in the 2021-2022 reporting year.
2	On Land Cleanup - In the 2021-2022 reporting year the City continued to work with Earth Team to perform on-land clean-ups along 23 <sup>rd</sup> Street and San Pablo Ave. as part of a larger trash reduction program in the area. Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
3	On Land Cleanup - In the 2021-2022 reporting year the City expanded its work with Earth Team to perform on-land clean-ups along San Pablo Ave. as part of a larger trash reduction program in the area.
4	No New Actions in the 2021-2022 reporting year.
5	No New Actions in the 2021-2022 reporting year.
6	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
7	No New Actions in the 2021-2022 reporting year.
8	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
9	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
10	On Land Cleanup - In the 2021-2022 reporting year the City continued to work with Earth Team to perform on-land clean-ups along 23 <sup>rd</sup> Street and Davis Park as part of a larger trash reduction program in the area. Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
11	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups
12	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
13	Other - In 2014 the City improved solid waste services by increasing solid waste collection to weekly pick-ups.
14	No New Actions in the 2021-2022 reporting year.

**C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)**

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 21-22 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

If no on-land visual assessments were performed, check here <b>and state why:</b>	<b>X</b>	<b>Explanation:</b> The City of San Pablo is considered to be “trash challenged” and historically has not seen a reduction in trash loads during on land visual assessment. Therefore, the City prioritizes full trash capture (FTC) devices and creek and shoreline cleanups over visual assessments. Once all high trash areas have been addressed and all potential FTC devices have been installed the City will move towards an on-land visual assessment program. As the City implements its new Direct Discharge Plan visual assessments will be conducted to measure improvement. The 2021-22 reporting years has no claimed reductions from visual assessments.
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TMA ID <i>or (as applicable) Control Measure Area</i>	Total Street Miles <sup>56</sup> or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Available Street Miles or Acres Assessed	Avg. # of Assessments Conducted at Each Site	
1	1.80	0.00	0.00	0	0.0
2	1.18	0.00	0.00	0	0.0
3	0.77	0.00	0.00	0	0.0
4	0.29	0.00	0.00	0	0.0
5	0.04	0.00	0.00	0	0.0
6	0.23	0.00	0.00	0	0.0
7	0.05	0.00	0.00	0	0.0
8	0.72	0.00	0.00	0	0.0
9*	0.00	NA	NA	NA	0.0

<sup>56</sup> Linear feet are defined as the street length and do not include street median curbs.

10	1.15	0.00	0.00	0	0.0
11	5.13	0.00	0.00	0	0.0
12	1.39	0.00	0.00	0	0.0
13	0.52	0.00	0.00	0	0.0
14	0.19	0.00	0.00	0	0.0
<b>Total</b>		<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>

\* TMAs are entirely comprised of low trash generating area, under full trash capture, or non-jurisdictional; and assessments are not required.

**C.10.b.iv ► Trash Reduction – Source Controls**

Provide a description of each jurisdiction-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
Single-use Plastic Bag Ordinance	<p>As reported in the City's Long-Term Trash Load Reduction Plan, the City of San Pablo adopted a plastic bag ordinance on January 1, 2014, which became enforceable on July 1, 2014.</p> <p>For more information or to view the ordinance in its entirety please visit:  <a href="http://www.sanpabloca.gov/index.aspx?nid=1319">http://www.sanpabloca.gov/index.aspx?nid=1319</a></p>	<p>Inspections and field monitoring are used to assess the effectiveness of the control measure in reducing trash from entering the municipal stormwater conveyance device.</p> <p>To calculate the percent reduction the City uses the following equation:            (% Achievable*) X (% of Businesses Affected**) X (Percent Compliance***)</p> <p>2021-22: 8% x 95% x 100%</p>	Over the 2021-2022 reporting year, 20% of the retail and restaurant businesses registered in the City of San Pablo were inspected for plastic bag checks. No businesses were out of compliance. The City achieved a 100% compliance rate.	7.6%

C.10.b.iv ► Trash Reduction – Source Controls				
Provide a description of each jurisdiction-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.				
Polystyrene Food Service Ware Ordinance	<p>The City adopted a polystyrene ban with an effective date of January 1, 2015. The ordinance became enforceable on April 1, 2015.</p> <p>For more information or to view the ordinance in its entirety please visit:  <a href="http://www.sanpabloca.gov/index.aspx?nid=1401">http://www.sanpabloca.gov/index.aspx?nid=1401</a>            This ordinance is attempting to reduce expanded polystyrene (aka Styrofoam™).</p>	<p>Inspections and field monitoring were used to assess the effectiveness of the control measure in reducing trash from entering the municipal stormwater conveyance device.</p> <p>To calculate the percent reduction, the City uses the following equation:             (% Achievable*) X (% of Businesses Affected**) X (Percent Compliance***)</p> <p>2021-22: 6% x 95% x 96%</p>	<p>Over the 2021-2022 reporting year, 20% of the retail and restaurant businesses registered in the City of San Pablo were inspected for polystyrene items. Two businesses were out of compliance. The City achieved a 96% compliance rate.</p>	5.4%

C.10.c ► Trash Hot Spot Cleanups								
Provide the FY 21-22 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 21-22.								
Trash Hot Spot	New Site in FY 21-22 (Y/N)	FY 21-22 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Davis Park from Footbridge to Culvert	N	9/8/2021	3.0	0.33	0.19	0.31	3.0	4.17

C.10.d ► Long-Term Trash Load Reduction Plan	
Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and, if so, what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.	
Description of Significant Revision	Associated TMA
After visual confirmation, one parcel was deemed as “low” trash generation (Parkview Terrace Town Homes). This was a misclassification during the initial baseline assessment. This was originally reported in the 2015-2016 Annual Report; No changes since the 2015-2016 reporting year. Please see <b>Attachment C</b> for an updated map.	13
Public schools (K-12, community colleges, and public universities) have been reclassified as a non-jurisdictional land use. This was originally reported in the 2015-2016 Annual Report; No changes since the 2015-2016 reporting year. Please see <b>Attachment C</b> for an updated map.	1, 2, 7, 11, 12

C.10.e. ► Trash Reduction Offsets (Optional)			
Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 21-22. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.			
Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 21-22	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	<p>The City of San Pablo performed the following creek and shoreline cleanups during the 2019-2020 annual reporting year:</p> <p><b>Wildcat Creek from the Corp Yard to 23rd Street</b></p> <ul style="list-style-type: none"> <li>September 20-28, 2021: City Maintenance Crews removed trash and a large encampment site from the site prior to the start of the</li> </ul>	116	9.6%

**C.10.e. ► Trash Reduction Offsets (Optional)**

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 21-22. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

	<p>rainy season. Approximately 31 cubic yards (5 tons) of trash were removed during this event.</p> <ul style="list-style-type: none"> <li>• October 9, 2021: Kids for the Bay hosted a cleanup event and removed 6.2 cubic yards of trash.</li> <li>• December 6, 2021: Maintenance Crews removed 4.2 cubic yards of debris from an encampment.</li> <li>• April 12, 2022: Salesian School did a creek cleanup and removed 3.1 cubic yards of trash from the creek.</li> <li>• April 21, 2022: City Maintenance Crews removed 9.3 cubic yards (1.5 tons) of debris from the creek from an encampment.</li> </ul> <p><b>Wildcat Creek from 23<sup>rd</sup> Street to Church.</b></p> <ul style="list-style-type: none"> <li>• September 22, 2021: City Maintenance Crews removed trash, mattresses and other debris from the creek. Approximately 4 cubic yards of trash were removed during this event.</li> </ul> <p><b>Wildcat Creek from Church to Vale Road.</b></p> <ul style="list-style-type: none"> <li>• September 21, 2021: City Maintenance Crews removed trash and a large encampment site. Approximately 9.2 cubic yards of trash were removed during this event.</li> <li>• December 1, 2021: City Maintenance Crews removed 7.7 cubic yards of debris from an encampment.</li> <li>• May 23, 2022: City Maintenance Crew removed trash from an encampment. Approximately 6.5 cubic yards of debris was removed.</li> </ul> <p><b>San Pablo Creek between Brookside and Kennedy Plaza</b></p>		
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C.10.e. ► Trash Reduction Offsets (Optional)			
<p>Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 21-22. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved <u>by the Water Board Executive Officer</u>, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.</p>			
	<ul style="list-style-type: none"> <li>September 2 and 7, 2021: City Maintenance Crews removed trash and encampments from Kennedy Plaza under the San Pablo Ave. Bridge prior to the start of the rainy season. Approximately 26.8 cubic yards were removed during this event.</li> <li>October 26, 2021: City Maintenance Crews removed 7.8 cubic yards of debris from the creek bank.</li> </ul> <p>At least one additional creek and shoreline cleanup occurred at each of these locations during the reporting year that is not recorded above. <b>Attachment D</b> provides the calculations and data used to determine the trash reduction offset.</p>		
<p><b>Direct Trash Discharge Controls (Max 15% Offset)</b></p>	<p>The City of San Pablo submitted a Direct Discharge Plan in February 2020 and it was approved on September 30, 2020. Due to the COVID-19 pandemic, the Plan implementation has been delayed.</p>	<p>None.</p>	<p>None.</p>

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 21-22.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	3	91	118	53	266	178	44	36	8	266	28.2	178	44	36	8	266	0.0	28.2
2	4	23	178	15	221	185	3	26	6	221	22.4	185	3	26	6	221	0.0	22.4
3	0	18	88	2	109	74	14	19	2	109	8.7	74	14	19	2	109	0.0	8.7
4	0	0	28	0	28	5	0	22	0	28	0.6	5	0	22	0	28	0.0	0.6
5	0	0	18	0	18	12	0	6	0	18	1.4	12	0	6	0	18	0.0	1.4
6	0	0	8	0	8	0	0	8	0	8	0.0	0	0	8	0	8	0.0	0.0
7	0	1	0	0	1	0	1	0	0	1	0.0	0	1	0	0	1	0.0	0.0
8	10	29	0	0	39	14	25	0	0	39	0.1	14	25	0	0	39	0.0	0.1
9	0	83	0	0	83	83	0	0	0	83	2.5	83	0	0	0	83	0.0	2.5
10	5	49	0	1	55	9	46	0	1	55	0.1	9	46	0	1	55	0.0	0.1
11	8	245	1	1	255	103	153	0	0	255	3.3	103	153	0	0	255	0.0	3.3
12	3	50	0	0	53	12	41	0	0	53	0.3	12	41	0	0	53	0.0	0.3
13	61	44	0	0	105	70	34	0	0	105	0.3	70	34	0	0	105	0.0	0.3
14	234	13	1	0	248	236	11	1	0	248	0.1	236	11	1	0	248	0.0	0.1
<b>Totals</b>	<b>330</b>	<b>645</b>	<b>440</b>	<b>72</b>	<b>1488</b>	<b>980</b>	<b>372</b>	<b>119</b>	<b>17</b>	<b>1488</b>	<b>68</b>	<b>980</b>	<b>372</b>	<b>119</b>	<b>17</b>	<b>1488</b>	<b>0</b>	<b>68</b>

Note: "NA" indicates that the TMA has no moderate, high, or very high trash generating areas (i.e., all low trash generation and/or non-jurisdictional) and therefore no additional trash control measures are needed.



Section 11 - Provision C.11 Mercury Controls

- C.11.a ▶ Implement Control Measures to Achieve Mercury Load Reductions**
- C.11.b ▶ Assess Mercury Load Reductions from Stormwater**
- C.11.c ▶ Plan and Implement Green Infrastructure to Reduce Mercury Loads**

See the CCCWP FY 2021-22 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology<sup>57</sup> was used to calculate the mercury load reduced by each control measure implemented in our agency’s jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

**C.11.e ▶ Implement a Risk Reduction Program**

A summary of CCCWP and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish are included in the CCCWP FY 2021-22 Annual Report.

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<sup>57</sup>BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

Section 12 - Provision C.12 PCBs Controls

**C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions**

**C.12.b ► Assess PCBs Load Reductions from Stormwater**

**C.12.c. ► Plan and Implement Green Infrastructure to Reduce PCBs Loads**

See the CCCWP FY 2021-22 Annual Report for:

- Documentation of PCBs control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology<sup>58</sup> was used to calculate the PCBs load reduced by each control measure implemented in our agency’s jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

**C.12.f. ► Manage PCB-Containing Materials During Building Demolition**

See the CCCWP FY 2021-22 Annual Report for:

- Documentation of the number of applicable structures in each Permittee’s jurisdiction for which a demolition permit was applied for during the reporting year; and
- A running list of the applicable structures in each Permittee’s jurisdiction for which a demolition permit was applied for (since the date the PCBs control program was implemented) that had material(s) with PCBs at 50 ppm or greater, with the address, demolition date, and brief description of PCBs control method(s) used.

<sup>58</sup>BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2017.

**C.12.h ► Implement a Risk Reduction Program**

A summary of CCCWP and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish are included in the CCCWP FY 2021-22 Annual Report.

Section 13 - Provision C.13 Copper Controls

**C.13.a.iii.(3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features**

Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

San Pablo has not had any applications with copper architectural features. However, if an applicant were to propose copper architectural features the Community Development Department would inform Public Works, who would make contact with the applicant to explain the potential social and environmental issues with copper features. The applicant would also be sent an informational factsheet that was developed by the CCCWP and the City would require the applicant to call for inspection during installation. Conditions of approval would be included in the permit that would require the appropriate BMPs and an O&M agreement for maintenance of the features. The information is available on the [City's website](#) explaining all stormwater construction requirements in San Pablo.

**C.13.b.iii.(3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals**

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

There are very few pools and spas in the City of San Pablo. No illicit discharges from pools were reported and therefore no enforcement actions were taken this reporting year. During the 2017-2018 reporting year, the City of San Pablo sent all pool owners (in-ground and known above ground) a letter explaining pool owner responsibilities which included the CCCWP "Draining Pools and Spas" information pamphlet. This pamphlet includes a sticker to put on the pumping equipment to remind owners to discharge to the sanitary sewer. This pamphlet is available [online](#) or at City offices for anyone that requests it. If any discharges do occur, then staff would follow the illicit discharge protocols.

**C.13.c.iii ► Industrial Sources Copper Reduction Results**

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary:

Copper sources and adequacy of BMPs are evaluated during all commercial/industrial inspections. Vehicle service facilities that conduct brake service are routinely inspected for management of copper brake pads and the fine solids that are generated when servicing brakes. Vehicle washing operations are routinely evaluated to ensure the wastewater does not enter the storm drain system as a means to control a variety of pollutants including copper. The Enforcement Response Plan elements are used when inadequate controls are identified. No inspections during the FY21-22 reporting year identified potential sources of copper pollution therefore no identified copper reduction resulted from C.4 inspections. However, inspectors have been trained to identify potential users or sources of copper in facilities inspected through the BASMAA POC inspector training and materials.

**Section 15 -Provision C.15 Exempted and Conditionally Exempted Discharges**

**C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering**

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City of San Pablo promotes water conservation, enforcement for runoff, pesticide information, and drought tolerant vegetation through various existing programs and policies.

- The City Council has adopted the seven principles of Bay-Friendly gardening.
- The City works with Earth Team, Kids for the Bay and The Watershed Project, to promote conservation programs such as: educating local students about water conservation and water quality, developing plant labels and native gardening kiosks at the Senior Center, and promoting the benefits of green infrastructure through projects and public meetings.
- During C.3 plan reviews, the City requires drip irrigation wherever possible. The City is following the Water Efficient Landscape Ordinance (WELO) requirements on new development projects to reduce irrigation requirements.
- The City works with East Bay Municipal Utility District to receive their “Water Smart Recommended Water Budget” Reports ensuring that the City is not overwatering any properties or landscape strips.

Additionally, the CCCWP promotes several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:

- Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).
- Green Business Program, which promotes to businesses a variety of measures such as using drought-tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.
- Our Water Our World (OWOW) Program, which promotes to consumers at the point of purchase less toxic alternatives to combating lawn and garden pests.
- The City uses the Enforcement Response Plan to investigate and enforce any large volumes of landscape irrigation runoff.
- Additional information is provided in the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the CCCWP FY 2021-22 Annual Report.

## Attachment A C.4.b.iii (1)- Potential Facilities List

Property Name	Address	Program Category
2 Amigos Food Truck	1160 Rumrill Blvd	Food Service
7 Eleven Store 2369-24643D	14501 San Pablo Ave	Mini-Market
A+ Smog	2750 Rumrill Blvd	Vehicle Service
A-1 Martin's Auto Body	1507 Market Ave	Vehicle Service
ACS Smog	2550 Mission Bell Drive	Vehicle Service
Aloha Pure Water & Shaved Ice	2300 El Portal Drive K	Food Service
Amazing Kitchen	13993 San Pablo Ave	Food Service
Americana Pizza And Taqueria	13350 San Pablo Ave #A4	Food Service
Arciniega's Auto Repair	1503 Rumrill Blvd	Vehicle Service
Asia Delight	13350 San Pablo Ave #A6	Food Service
Autozone #4023	14270 San Pablo Ave	Retail
Autozone Auto Parts	13102 San Pablo Ave	Retail
BA Auto Repair	1441 Broadway Ave	Vehicle Service
Bay Area Frame & Body	2218 Market Ave	Vehicle Service
Berto Auto Spa	1200 Rumrill	Car Wash/Det.
Bismillah Restaurant	102 San Pablo Towne Center	Food Service
Blue Bay Thai Cuisine	13501 San Pablo Ave #B	Food Service
Bonfare Market #13	14701 San Pablo Ave	Mini-Market
Bottles	3550 San Pablo Dam Road G	Mini-Market
Brookside U-Save Liquor	2085 23rd Street	Mini-Market
Burger King	12999 San Pablo Ave	Food Service
BurgerIM	2300 El Portal Drive F	Food Service
By Customs	224 Center Court	Vehicle Service
Casino San Pablo	13255 San Pablo Ave	Food Service
Castrol Premium Lube Express	3220 San Pablo Dam Road	Vehicle Service
CCS - Complete Car Service	1960 23rd Street	Vehicle Service
CCS Auto Body	1868 Rumrill Blvd	Body Shop
Cernas Tire Shop & Auto Repair	1291 Rumrill Blvd	Vehicle Service
Chang Thai Cuisine	2229 Dover Ave	Food Service
Cheng Auto	1454 Rumrill Blvd	Vehicle Service
Chevron San Pablo	13065 San Pablo Ave	Gas Station
Chico's Market	1900 Market Ave	Grocery Store
China Express Restaurant	1841 23rd Street	Food Service
Chris' Down Home Soul Food	1260 Rumrill Blvd	Food Service
City Market	2388 Market Ave	Grocery Store
Colima Auto Repair	1752 Rumrill Blvd	Vehicle Service
Collision Craft	1055 Broadway Ave	Vehicle Service
D.C. Auto Repair	14673 San Pablo Ave	Vehicle Service
Daytona Motors	2697 El Portal Drive	Vehicle Service
Del Campo International Foods	1847 Rumrill Blvd	Grocery Store

Property Name	Address	Program Category
Delhi Dhaba And Chaat	13112 San Pablo Ave #B	Food Service
Denny's Restaurant	2526 San Pablo Dam Road	Food Service
Domino's Pizza	14350 Laurie Lane K	Food Service
Donut King	2250 Broadway Ave	Food Service
Double Rainbow	14444 San Pablo Ave	Food Service
Dragon Snow Desert Café	3550 San Pablo Dam Road A2	Food Service
Duran's Auto Glass	1526 Market Ave	Vehicle Service
Duran's Auto Glass	1613 Market Ave	Vehicle Service
El Amigo Smog	3024 Giant Road	Vehicle Service
El Cuscatlan	14350 Laurie Lane A	Food Service
El Pollo Loco #3472	13139 San Pablo Ave	Food Service
El Porvenir Produce Market	1537 Rumrill Blvd	Grocery Store
El Sitio Taqueria	1811 23rd Street C	Food Service
El Tazumal Restaurant	14621 San Pablo Ave	Food Service
Empire Buffet	700 San Pablo Towne Center	Food Service
Evergreen Produce 11	1320 Market Ave	Grocery Store
Fahrenheit Auto Performance	1405 23rd Street	Vehicle Service
Farmers Market	1160 Rumrill Blvd	Grocery Store
Food Barn	1835 Rumrill Blvd	Food Service
Food Maxx #411 / Save Mart	13220 San Pablo Ave	Grocery Store
Giant Auto	3022 Giant Road	Vehicle Service
Giron Auto Repair	1015 Broadway	Vehicle Service
Golden 7 Food Store, Inc.	2698 El Portal Drive	Mini-Market
Gou Bu Li Restaurant	3340 San Pablo Dam Road F	Food Service
Grand Prix Car Wash & Detail 1	3080 San Pablo Dam Road	Car Wash/Det.
Grocery Outlet of San Pablo	2079 23rd Street	Grocery Store
HDMA Inc.	2701 El Portal Drive	Gas Station
Hoai Huong Coffee Shop	14409 San Pablo Ave	Food Service
Home Town Donuts	1811 23rd Street H	Food Service
Hornbill Burmese Cuisine	3550 San Pablo Dam Road J	Food Service
Hundal Sahib Fish and Chips	3550 San Pablo Dam Road B-3	Food Service
J&A Autobody Shop & Brake Service	1015 Broadway Ave	Vehicle Service
J&M Auto Repair	2145 Rumrill Blvd C	Vehicle Service
Jack In The Box #4353	50 San Pablo Towne Center	Food Service
Jack In The Box #542	14395 San Pablo Ave	Food Service
Jamba Juice #780	30 San Pablo Towne Center C	Food Service
Jennifer and Todd's Café Soliel	3550 San Pablo Dam Road #C	Food Service
Jersey Mikes Subs	30 San Pablo Towne Center D	Food Service
John's Market	1900 Broadway Ave	Grocery Store
Kebab Express	13350 San Pablo Ave A5	Food Service
KFC #173	14400 San Pablo Ave	Food Service
La Cascadita	14520 San Pablo Ave	Food Service



Property Name	Address	Program Category
La Chona Restaurant	1848 23rd Street	Food Service
La Loma #11	1313 Road 20	Food Service
La Loma #5 & Meat Market	1992 23rd Street	Food Service
La Palmera Commissary	3300 Giant Road	Food Service
La Plazuela	2022 23rd Street	Food Service
La Strada Restaurant	2215 Church Lane	Food Service
Las Montanas Supermarket	13901 San Pablo Ave	Grocery Store
Lee's Garden	2300 El Portal Drive I	Food Service
Lee's Garden #2, Town Center	107 San Pablo Towne Center	Food Service
Lemon Gals	2450 Road 20	Food Service
Limon Frozen Yogurt	2300 El Portal Drive H	Food Service
Little Caesars	2071 23rd Street	Food Service
Los Compadres Taqueria	1742 Rumrill Blvd	Food Service
Los Grullense 2	1789 Rumrill Blvd	Food Service
Los Grullenses	1777 Rumrill Road	Catering-Bus.
Los Primos Market & Produce	2571 Rumrill Blvd	Grocery Store
Lucky Garden Express	13501 San Pablo Ave H	Food Service
Mahan Enterprise (Hp Gas)	2500 San Pablo Dam Road	Gas Station
Mariscos La Playita	2037 23rd Street	Food Service
Mars Motoring LLC	2716 El Portal Drive C	Vehicle Sales
McCarty's Bike, Auto & RV	3131 San Pablo Dam Road	Car Rental
McDonald's	14480 San Pablo Ave	Food Service
McDonald's	3320 San Pablo Dam Road	Food Service
Mercado La Hacienda	2100 23rd Street	Food Service
Mi Ranchito Market #1 & Super Carniceria La Mejor	1634 Rumrill Blvd	Grocery Store
Mobil Gas Station	2601 Road 20	Gas Station
Mountain Mike's Pizza	3340 San Pablo Dam Road L	Food Service
Nation's Hamburgers #1	13296 San Pablo Ave	Food Service
New D. C. Meat Market	2077 23rd Street	Grocery Store
Noodle 21	501 San Pablo Towne Center B	Food Service
Noodle King	14350 Laurie Lane I	Food Service
O'henry Donuts	13501 San Pablo Ave F	Food Service
Oil Changers	2700 El Portal Drive	Vehicle Service
O'Reilly Auto Parts #2893	14420 San Pablo Ave	Retail
Palacio Latino Restaurant & Bakery	1873 23rd Street	Food Service
Palenque Grill	1439 23rd Street A	Food Service
Pancho's Auto Body	1620 Rumrill Blvd	Vehicle Service
People's Market & Liquor	1474 Broadway Ave	Mini-Market
Petro Plus Garage	1401 Market Ave	Vehicle Service
Pizza Guys	501 San Pablo Towne Center A	Food Service
Pizza Hut (Pac Pizza, LLC)	14501 San Pablo Ave	Food Service
Pollo Rostisado	1890 23rd Street	Food Service

Property Name	Address	Program Category
Popeye's Chicken & Biscuits	10 San Pablo Towne Center	Food Service
Pupuseria La Paz	1762 Rumrill Blvd	Food Service
Raley's #321	3360 San Pablo Dam Road	Food Service
Raza Smog	1371 23rd Street	Vehicle Service
Richmond Tire	1608 Market Ave	Vehicle Service
Rockin Crawfish	2300 El Portal Drive L	Food Service
Ron's Transaxle	1009 Broadway Ave	Vehicle Service
Rose Zapp Thai Cuisine	1811 23rd Street E	Food Service
Round Table Pizza	13100 San Pablo Ave	Food Service
Royal Palace Restaurant	3550 San Pablo Dam Road A	Food Service
Samraj Sweets N Chaat Hut	3340 San Pablo Dam Road D-2	Food Service
San Pablo Auto Body, Inc	2031 Rumrill Blvd 11	Vehicle Service
San Pablo Automotive	13965 San Pablo Ave	Retail
San Pablo Billiards	1500 23rd Street	Food Service
San Pablo Healthcare And Wellness Center	13328 San Pablo Ave	Food Service
San Pablo Maintenance Center	13052 San Pablo Ave	Vehicle Service
San Pablo Supermarket	2368 El Portal Drive	Grocery Store
San Pablo Tire & Wheel Auto Center	1350 23rd Street	Vehicle Service
Shell Station	2876 El Portal Drive	Gas Station
Shop & Save Market	1885 23rd Street	Grocery Store
Smart & Final #568	13110 San Pablo Ave	Grocery Store
Speed Lube	14639 San Pablo Ave	Vehicle Service
Sportsman Liquor	1637 23rd Street	Mini-Market
Starbread Bakery	13501 San Pablo Ave E	Food Service
Starbread Bakery	2368 El Portal Drive E	Grocery Store
Starbucks #8722	30 San Pablo Towne Center A	Food Service
Starbucks Coffee #8851	14330 San Pablo Ave	Food Service
Subway	14350 Laurie Lane H	Food Service
Sukie's Country Kitchen	2400 El Portal Ave	Food Service
Super Auto Brokers	2716 El Portal Drive B	Vehicle Sales
Susy's Bakery	14520 San Pablo Ave	Food Service
T4	13350 San Pablo Ave A7	Food Service
Taco Bell #30935	40 San Pablo Towne Center	Food Service
Taqueria Dona Maria	3550 San Pablo Dam Road A-1	Food Service
Taqueria San Juan	13501 San Pablo Ave C	Food Service
Texas Gas Services Co	3363 San Pablo Dam Road	Gas Station
That Luang Kitchen	1614 23rd Street	Food Service
The Handy Liquor Store	14301 San Pablo Ave	Mini-Market
Tire and Wheel World	14640 San Pablo Ave	Vehicle Service
Top Gas & Grocery	1522 Rumrill Blvd	Gas Station
Tortas & Taqueria Los Picudos	13830 San Pablo Ave #1	Food Service
United Paeteria & Neveria Inc.	14417 San Pablo Ave	Food Service

<b>Property Name</b>	<b>Address</b>	<b>Program Category</b>
Velasquez Mexican Restaurant	14401 San Pablo Ave	Food Service
WC Garden Supplies	2846 El Portal Drive	Retail
Wienerschnitzel #443	14260 San Pablo Ave	Food Service
World Oil Marketing Co.	13013 San Pablo Ave	Gas Station
Xinia's Bakery	3550 San Pablo Dam Road B-1	Food Service

**Attachment B:**  
**Outreach Activities and Summary Reports**

**Includes:**

**Kids for the Bay 2021 Report**  
**Richmond Earth Team 21-22 Report**  
**SPAWNERS 2022 Report**

# KIDS for the BAY

## 2021 Wildcat Creek Cleanup Report

**Event:** 27th Annual Wildcat Creek Cleanup

**Location:** Davis Park - 1667 Folsom Ave. San Pablo, CA 94806

**Date:** Saturday, October 9th, 2021

**Hours:** 10 am - 12 pm

### Event Summary

<b>Total Volunteers</b>	25
<b>Total Bags of Trash (45 Gallon Bags)</b>	28
<b>Total Gallons of Trash</b>	1,260

### Environmental Education Presentations

<b>Dover Elementary School Presentations</b>	10
<b>Approximate number of Dover students reached</b>	253
<b>St. Paul Presentations</b>	2
<b>Approximate number of St. Paul students reached</b>	36
<b>Helms Middle School Presentations</b>	7
<b>Approximate number of Helms Middle students reached</b>	184
<b>Total Presentations</b>	19
<b>Approximate Number of Students Reached</b>	473

## Wildcat Creek Cleanup Presentation Schedules

### Dover Elementary School

*Monday, September 27th*

**Total Classes: 10**

**Total Estimated Students: 253**

### St. Paul School

*Monday, September 27th*

**Total Classes: 2**

**Total Estimated Students: 36**

### Helms Middle School

*Thursday, September 30th*

**Total Classes: 7**

**Total Estimated Students: 184**

## School Presentations Summary

School	Total # of Classroom Presentations	Estimated Total # of Students Reached
Dover	10	253
St. Paul	2	36
Helms	7	184

**Total Presentations: 19**

**Estimated Total Students: 473**

## Event Outreach

### Classroom Presentations

#### Main Teaching Points

Introduction to the San Francisco Bay Watershed  
Watershed Connections  
Storm Drain Pollution  
Marine Plastic Pollution and its Impact on Marine Life  
Solutions to Pollution: Source Reduction and Trash Cleanups

KIDS for the BAY Educators were very excited to be able to go back to in-person class presentations at our partner schools! Program Manager, Yvette Diaz Samayoa, scheduled a total of 19 classroom presentations at Dover Elementary School, Helms Middle School, and St. Paul School.

KIDS for the BAY (KftB) Educators Corey Chan and Aliza Herzberg visited Dover Elementary, while Shay Hart and Yvette Diaz Samayoa visited St. Paul School on Monday, September 27th. Ms. Diaz Samayoa and Ms. Herzberg also visited Helms Middle school on Thursday, September 30th. The purpose of the classroom presentations is to encourage students to take part in taking care of their environment. The goal is for the community of San Pablo to work together and protect the city they live in. This encourages students to take pride in their city and understand that they can make a difference when they get involved in their community.

At Dover Elementary, Ms. Chan asked Ms. Forrest's fifth grade class what Davis Park meant to them and Christian said, "I have soccer practice there!" Kayla said, "I pass by the park everyday to get to school." Adrian said with enthusiasm, "I caught a frog there! I can hear them all around the park." The students at Dover Elementary thought deeply about Davis Park and its place in the community.

Ms. Chan role played with Ms. Lopez's third grade class about the Five Rs (Reduce, Reuse, Recycle, Rot and Refuse). Jayden acted out refusing plasticware for take-out from a waitress (classroom teacher Ms. Lopez) and said with great passion, "No thanks!" Jayden stuck his hand out to emphasize his disinterest in receiving plasticware. He understood the importance of taking charge by simply saying, "No thank you!" to single-use plastic.

At Helms Middle School, Ms. Diaz Samayoa spoke with Ms. Jo's class about littering and why people litter. One student said, "It's because we don't really think about littering and where it goes." Another student shared, "It won't even matter if we want to ban plastic bags - they won't listen to us anyways!" Ms. Diaz Samayoa shared a personal story with the students about a time when her highschool environmental club went to their city council meetings, created a petition to ban plastic bags, and the city council listened to their plea and eventually banned the plastic bags! With these words of encouragement, the students were inspired and understood that with determination, anything is possible!

At St. Paul School, Ms. Hart spoke with Ms. Cullen's third/ fourth grade class about pollution and Miguel shared a story about his cousin littering right in front of him and he told his cousin, "Pick up your trash! You shouldn't litter because that is bad for the animals." Ms. Hart appreciated that Miguel told his cousin that he should not litter and this encouraged the other students in the classroom to share their experiences with their families. Emily said, "My family collects water bottles and cans to take to the recycling center and we get money for dropping them off." Ms. Hart encouraged Emily and her fellow classmates to collect water bottles because it is good for the environment, creates healthy environmental habits, and earns extra cash for them.

### **Outreach Flyers**

This year KIDS for the BAY wanted to reduce the amount of paper waste produced by the event outreach flyers, so Ms. Diaz Samayoa collected 50 copies of the flyers, printed front and back in English and Spanish from the City of San Pablo. Two hard copies were left for each classroom and four hard copies were left in the school's office. Flyers were digitally sent to the teachers that participated in the presentations to send to the students' parents through email. Ms. Diaz Samayoa also left flyers at the Rumrill Soccer Field in San Pablo to let the community know more about the cleanup event. About 500 pieces of paper were saved by sending digital copies to each parent instead of providing paper copies!



## The Cleanup Event

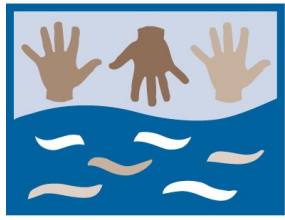
KIDS for the BAY staff Yvette Diaz Samayoa, Shay Hart, and Mikayla Martin joined the City of San Pablo's Environmental Program Analyst, Karineh Samkian, and one of the maintenance staff members to help host the Wildcat Creek Cleanup Event at Davis Park. They were also joined by students, friends, and families for the 27th Annual Cleanup Event.

Volunteers worked hard to collect 28 bags of trash from the sides of the creek, the parking lot, and near the lawns. Yesenia Diaz, Mom of Yvette, collected trash in the parking lot because she knew that all the trash would be blown into the streets, end up in the storm drains, and then flow into the creek. Yesenia grew up in San Pablo, so it was important to her that she helped protect her city's waterways.

Paul Byrns, a St. Paul School student, attended the event and stated that he has attended the event for several years because of the KIDS for the BAY classroom presentations he has seen. During the cleanup, Paul found a microwave oven. He pulled this out of the creek and proudly said, "I can't believe I carried that huge microwave out of the creek by myself!"

Mario Martinez volunteered with his whole family. They went deep inside the creek and found an open, red suitcase filled with old shoes. Mario closed the suitcase and carried it out of the creek. Other volunteers found clothes, furniture, some baby strollers, household appliances, and even medication. KftB staff member Mikayla Martin was shocked by the number of household appliances that were found in the creek. She shared that this inspired her to participate in future cleanups. Daniel Tejada, another father, also joined the cleanup with his family. He stated this was their first time volunteering at the event and they hoped to join future Wildcat Creek Cleanup events!

The Wildcat Creek Cleanup was a great success this year in getting the San Pablo community involved with and taking pride in keeping their creek clean. KIDS for the BAY and the City of San Pablo were thrilled to see all the trash taken out of the creek and how the community came together to do good for their city. Karineh shared, "I was thrilled with the number of dedicated volunteers who came, worked hard, and stayed the whole time!"



**KIDS for  
the BAY**

# *Wildcat Creek Cleanup Saturday, October 9th, 2021*







After a year and a half of distance learning, Earth Team Richmond was able to proceed with in-person programming this school year. Following all WCCUSD COVID-19 protocols, the team met after-school once a week and in the field once a month. Everyone on the team this year was eager to lend a hand in their community. After so much time spent indoors, interns were glad to have an opportunity to reconnect with nature.



The interns began the year learning about climate change and how pollution impacts our watersheds. They participated in hands-on learning by testing soil and water quality, picking up litter and helping to restore local habitats. Earth Team Richmond also emphasized community engagement, developing their communications skills by creating informational brochures and hosting a variety of community events on campus and in San Pablo. At the end of the year interns were invited to speak at the San Pablo City Council Meeting. They voiced their concerns about the future of the Wildcat Creek Watershed and asked the council to continue adopting policies that would decrease the amount of plastic and cigarette waste in San Pablo.

Beyond making a positive impact in their community, the interns grew professionally. They built resumes, practiced interviewing and spoke to graduate students and young STEM professionals about careers and life in college. While Earth Team's curriculum prepares youth for impactful futures, their hard work, positive attitudes and commitment to improving their community will lead them to success.

## STUDENT QUOTES

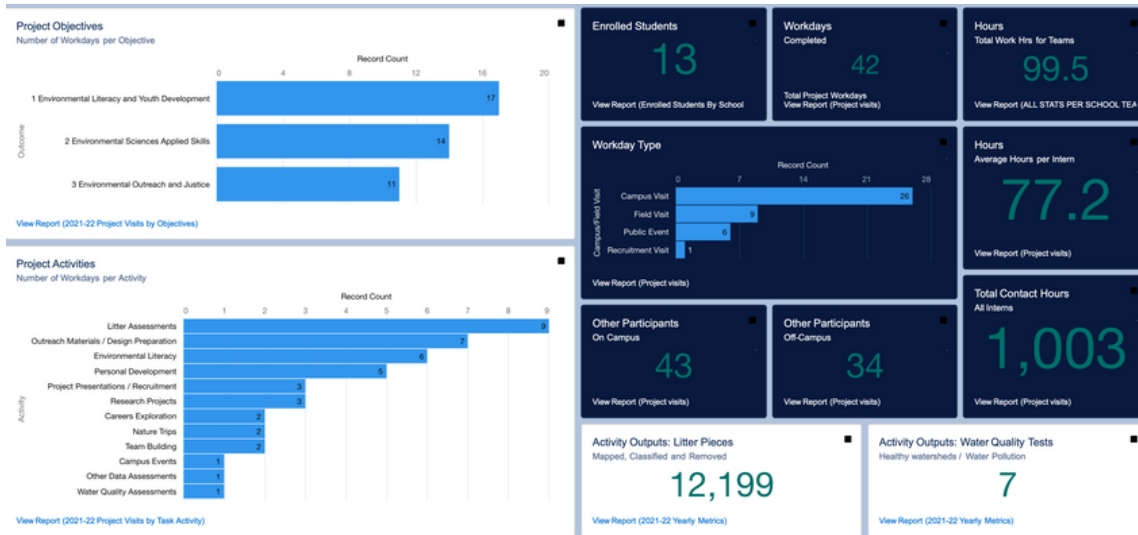
"I learned how to collect data, how to build questions around it, and make policy suggestions based on the information we collected."

-ET Richmond Intern

"I feel that everyone should be taught to respect the environment especially if they want a better, cleaner, and healthier environment for the younger generation."

-Sheilayjah Sharper  
ET Richmond Intern

# EARTH TEAM RICHMOND METRICS



This year, Earth Team hired and paid 13 Sustainable Youth Interns from Richmond High School. Interns participated in a total of 42 workdays throughout the school year including weekly after school meetings and monthly weekend field events. Topics covered included research skills, environmental literacy, professional development, and hands-on restoration skills.

Richmond interns achieved a number of things within the San Pablo community this year. They removed over 12,000 pieces of litter from 23rd Street and reached over 100 community members of all ages.



## NATURE CONNECTIONS

Richmond interns fostered their relationship and connection to nature through regular field visits and day hikes at local East Bay Regional Parks. Interns were taught to use nature journals to inspire curiosity and keep a record of their observations of the natural world. They learned skills to properly identify common native and invasive plant species.

Through Earth Team's partnership with Big City Mountaineers, several interns had the opportunity to go on overnight trips at local State Parks and many will participate on multi-day backpacking expeditions this summer.



## STEAM LEARNING

Earth Team Richmond worked alongside the City of San Pablo to collect data for the San Pablo Zero Litter project. Interns conducted numerous litter assessments along 23rd Street and at Davis Park. RHS peers and community members were invited to participate. Interns analyzed the data and presented their findings at a San Pablo City Council meeting.

Throughout the year interns heard from guest speakers and learned about career opportunities in the environmental field. Interns showed a great interest in learning more about the history of environmental justice issues in Richmond.



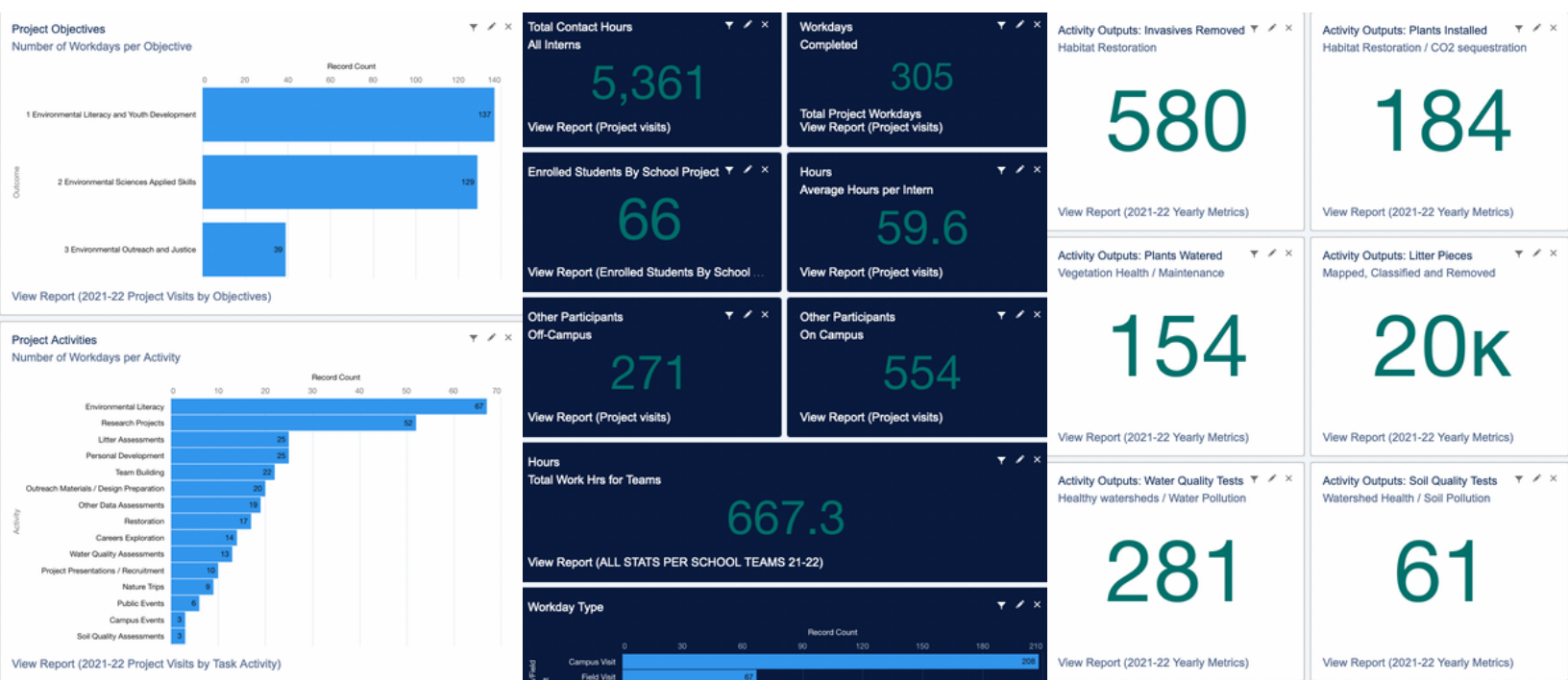
## COMMUNITY OUTREACH

The team was very dedicated to community engagement. Not only did they want to get involved, but Richmond interns also wanted to understand the needs and concerns community members had. Interns developed a community inventory survey to understand what environmental issues their peers were most concerned about.

They held campus outreach events during Earth Week in April to spread environmental awareness and educate peers about 3-bin waste sorting and public health issues. Interns hosted a community cleanup at Davis Park for Earth Day in partnership with the Public Works Department at the City of San Pablo.



## TOTAL 2021-22 EARTH TEAM METRICS



### PROGRAM SUMMARY

During the 2021-2022 program year, Earth Team held internship programs at 7 high schools throughout the East Bay. Earth Team coordinators held over 300 internship meetings focused primarily on leadership training, watershed restoration activities, and service learning projects. Collectively, Earth Team staff and interns reached over 825 community members via outreach education and public events.

### KEY PROJECT PARTNERS

This year, Richmond interns worked closely with the Public Works Department at the City of San Pablo. The team heard from guest speakers from local organizations, academic institutions, and government agencies. Additionally, we partnered with Big City Mountaineers to offer interns the opportunity to go on hikes, overnight camping trips, and multi-day backpacking trips at local state parks.

## THANK YOU

Our program would not be possible without the tremendous support and enthusiasm of the faculty and after-school program staff at Richmond High School. Thank you to the numerous organizations that partner with us for restoration activities and community outreach projects and to our numerous generous funders. We would like to thank the City of San Pablo, US EPA, and many others.





Winter 2022

# SPAWNERS

*San Pablo Watershed Neighbors and Restoration Society*

## CELEBRATE EARTH DAY!

94803 COMMUNITY & CREEK CLEANUP

SAT. APRIL 23, 9:30 AM – 1 PM



### Volunteer Activities

9:30 AM – 1 PM

- Trash pick-up
- Creek cleanup
- Gardening at the library

### Community Celebration

1 – 3 PM

- Community info tables
- Children's activities
- Food, drinks, & music

**Registration starts at 9:30 AM at the El Sobrante Library**

4191 Appian Way, El Sobrante, CA 94803

Keep El Sobrante Clean and Beautiful



To pre-register or for more information, visit:  
<https://www.spawners.org> or [KeepElSobranteBeautiful.info](https://www.KeepElSobranteBeautiful.info)





## Memories of Earth Days Past



### Clockwise from upper left:

1. Our first Earth Day, April 2000. Our main job then was to pull out the dense growth of ivy that covered the current garden area and continued all the way down the bank to the creek.
2. April, 2003. The ivy is gone. Along the upper edge of the slope is a concrete slab on which sits a pair of pretty epoxy picnic tables, installed by volunteers. The tables were still there in 2008, but were taken out soon after, as they had become an attractive nuisance. The volunteers are, from left: Elizabeth O'Shea, the late Holger Berthelsen, and Gudrun Kleist.



3. April 2004. Planting the front of the Library. This section, and the section along Appian Way have changed much over the years, and are now the responsibility of the County Public Works Department.

4. April, 2008. We are looking west toward the Children's Reading Garden, opened the year before. Note the large native walnut tree in the foreground, which has since been cut down. The concrete benches are also long gone.

Last but not least, this little guy joined us for Earth Day, 2008. Hard to believe that he is now probably around 18 years old, and able to vote and join the military.

## Wildcat Creek Restoration and Greenway Trail Project, Revisited

*Donald Bastin*



In last summer's issue of our newsletter, we reviewed a walk along a restored portion of Wildcat Creek, between Church Lane and Vale Road. The city of San Pablo invested money and creative energy to transform a neglected stream bed, a little under half a mile in length, into an attractive recreation area, with pocket parks, a children's play area, and a trail for bicyclists and walkers.

At the time of our visit though, there was one thing lacking: water. Wildcat Creek is an ephemeral stream, which often dries up during our dry summers. So it was on our initial visit. But with the

heavy rains of last October and November, the creek came alive, and the planted native trees and shrubs have already put on new growth.

By the time we visited the creek, just after the beginning of the new year, the water had already dropped several feet, as can be seen in the photo at right, with the dark band showing how far the water had risen. The logs projecting into the stream were deliberately planted in the bank to slow water flow and reduce erosion. At the high point of the fast-moving flow, they would have been under water and doing their job. With the drop in the height of the stream, the logs are exposed, but no longer needed.



It is hard to say just how long the water will continue to flow; I measured just under 24 inches of rain before the wet stuff came to an abrupt halt. That is the total amount for an average year; but we need more to make up for the deficit in the prior year. Hopefully, we will get a bit more rain before the season closes. In any case, if you haven't visited this gem of a site, do so soon while the water still flows.



## Welcoming Plants & Bikes to El Portal Drive

*Lauren Iverson*

Just a few months ago, yet another ecologically-minded community infrastructure project was unveiled by the city of San Pablo: "green" stormwater infrastructure and bike lanes on the segment of El Portal Drive between Church Lane and Fordham Street! Together, these infrastructure updates will not only contribute to the health of the San Pablo Creek watershed, but jumpstart the city's plans to expand its existing network of safe bike lanes. Here's how:

- Bioretention facilities (otherwise known as “rain gardens”) capture and clean the stormwater that falls between Church Lane and Fordham Street. Bioretention facilities work thanks to their shallow basins, fast percolating soils, and vegetation. The El Portal Drive bioretention facility is linear in shape and is located between the paved roadway and the bike lane. It’s the first on-street facility of its kind to be completed by the city.



- A protected bike lane on the eastbound side of El Portal Drive, another bike lane on the westbound side, and a bike box (i.e. a designated space for cyclists at the head of a street intersection) help cyclists maneuver El Portal Drive safely. Back in 2017, the San Pablo City Council adopted the Master Bicycle and Pedestrian Plan, laying the groundwork for identifying opportunities to add bicycle facilities wherever possible. Fast-forward to today, and the city is now finalizing a Bicycle and Pedestrian Corridor Study which recommends additional designs for El Portal Drive. This will set the city up to apply for funding to start further expanding bike connections on this busy street.

Source: <https://www.sanpabloca.gov/2651/El-Portal-Drive-Urban-Greening>

## Upcoming Events

### Volunteer Work Day      Saturday, February 19 @ 9:30 am - 12:00 pm

Join SPAWNERS in promoting the health of the San Pablo Creek Watershed. Weeding, trash removal, pruning, and planting are also some of the ongoing tasks that we will be working on. If you’d like to help, please bring your sturdiest shoes and a reusable water bottle. We’ll provide the tools and light snacks/refreshments! Meet us at the Wilkie Creek restoration site—next to 4805 Santa Rita Road in Richmond. See you there!

### **Celebrate Earth Day with us and the good people of KeepElSobranteBeautiful.**

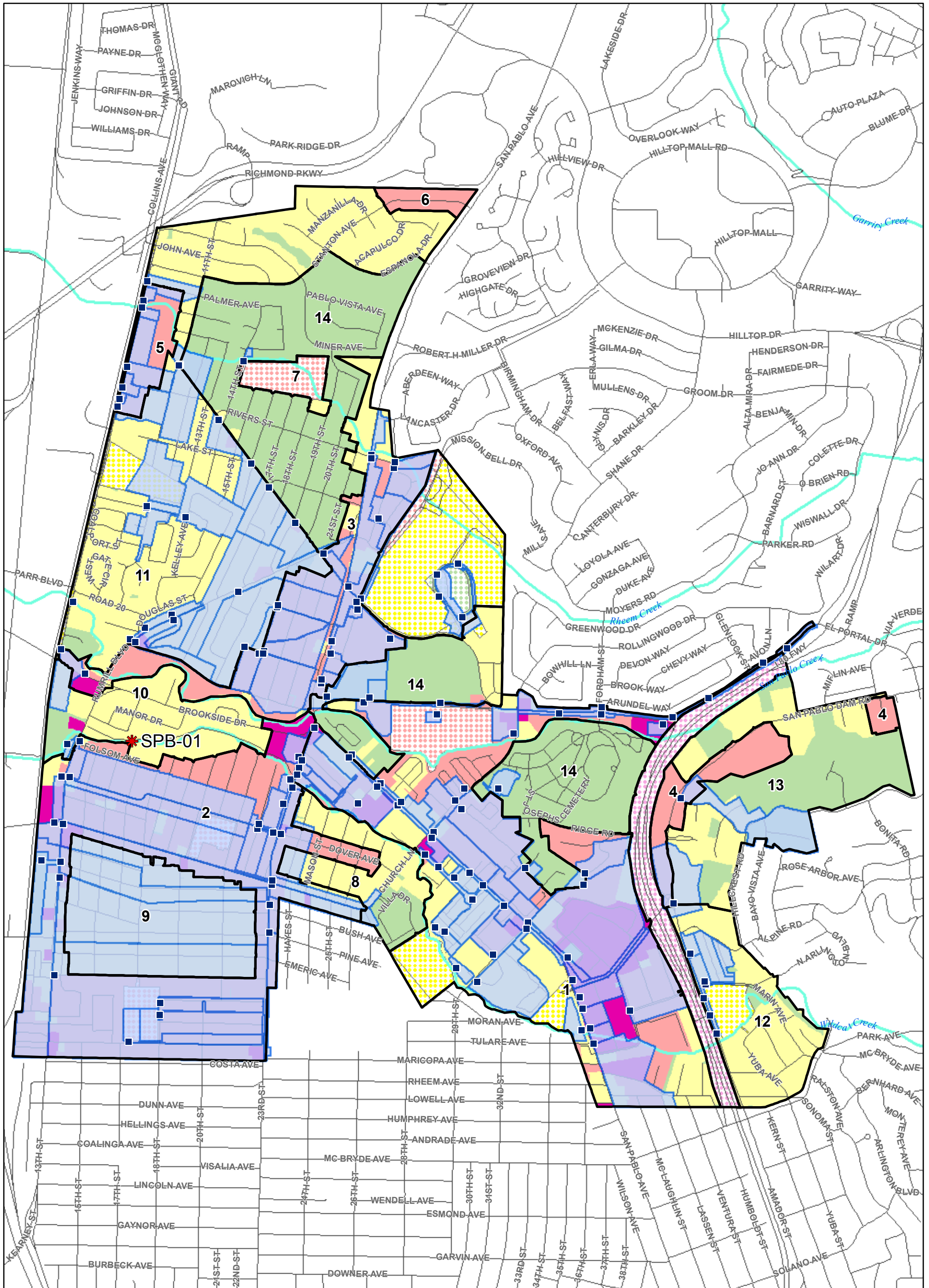
El Sobrante Library, Saturday, April 23, 9:30 AM-1 PM

#### **Who We Are**


SPAWNERS operates as an independent group under the sponsorship of the Watershed Project, based in Richmond, a 501(c)(3) non-profit. The Program Coordinator is Lauren Iverson, who can be contacted at: [lauren.iverson@thewatershedproject.org](mailto:lauren.iverson@thewatershedproject.org) or call 510-665-3538. Donald Bastin is the newsletter editor. Lauren oversees a steering committee composed of the following volunteers:

**Martha Berthelsen**  
**Judy Ward**

**Gudrun Kleist**  
**Donald Bastin**



San Pablo Full Trash Capture and Trash Management Area Map

<p><b>Trash Generation Category</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; border: 1px solid black; margin-right: 5px;"></span> Low</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFFF00; border: 1px solid black; margin-right: 5px;"></span> Medium</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FF6347; border: 1px solid black; margin-right: 5px;"></span> High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FF00FF; border: 1px solid black; margin-right: 5px;"></span> Very High</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: red; font-weight: bold;">*</span> Creek/Shoreline Hotspot</li> <li><span style="border: 2px solid black; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Trash Management Area</li> <li><span style="color: blue; font-weight: bold;">■</span> Full-Capture Location</li> <li><span style="border: 2px solid blue; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Full Trash Capture</li> <li><span style="border: 1px dotted black; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Non-Jurisdictional (Dot color = Generation Category)</li> </ul>	<ul style="list-style-type: none"> <li><span style="border-bottom: 1px solid black; width: 20px; display: inline-block; margin-right: 5px;"></span> Streets</li> <li><span style="border-bottom: 2px solid cyan; width: 20px; display: inline-block; margin-right: 5px;"></span> Creeks</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; vertical-align: middle; margin-right: 5px;"></span> Parcel Boundary</li> <li><span style="border: 2px solid magenta; display: inline-block; width: 15px; height: 10px; vertical-align: middle;"></span> Map Matchline</li> </ul>	<p>0 0.05 0.1 0.2 Miles</p>	<p style="text-align: center;">N</p>	 <p style="font-size: small; text-align: center;">Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed. Map Created By CCCWP GIS</p> <p style="text-align: right; font-size: x-small;">8/3/2022</p>
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## Attachment D: Creek and Shoreline Removal Calculations

Date	Location	Tons Removed	Cubic Yards Removed	Gallons Removed
<b>Wildcat Creek</b>				
September 20-28, 2021	Wildcat Creek: Corp Yard to 23rd- Pre-rainy season cleanup of encampments	5.0	31.2	6,296
October 9, 2021	Wildcat Creek: Corp Yard to 23rd- Kids for the Bay Clean up Event		6.2	1,260
December 6, 2021	Wildcat Creek: Corp Yard to 23rd- Encampment Removal	0.7	4.2	839
April 12, 2022	Wildcat Creek: Corp Yard to 23rd- Salesian Clean up		3.1	627
April 21, 2022	Wildcat Creek: Corp Yard to 23rd- Encampment Removal	1.5	9.3	1,882
September 22, 2021	Wildcat Creek: 23rd To Church- Debris Removal	0.64	4.0	814
September 21, 2021	Wildcat Creek Church Lane to Vale Road- Encampment Removal	1.46	9.2	1,857
December 1, 2021	Wildcat Creek Church Lane to Vale Road- Encampment Removal	1.22	7.7	1,552
May 23, 2022	Wildcat Creek Church Lane to Vale Road- Encampment Removal	1.03	6.5	1,310
<b>San Pablo Creek</b>				
September 2 to 7, 2021	San Pablo Creek: Brookside to Kennedy Plaza- Encampment	4.25	26.8	5,413
October 26, 2021	San Pablo Creek: Brookside to Kennedy Plaza- Encampment	1.25	7.8	1,575
	Total Trash Removed		116	23,426
	1% Reduction for Every 809 Gallons Collected in San Pablo		12.1	2,452
	<b>Total % Reduced</b>		<b>9.6%</b>	<b>9.6%</b>
	<b>Total % Reduced (Max 10%)</b>		10%	10%

<b>UNRECORDED EVENTS</b>				
Date	Location	Tons Removed	Cubic Yards Removed	Gallons Removed
April 25 2022	Wildcat Creek: Corp Yard to 23rd- Earth Day Event	0.27	1.5	312
September 23 2021	Wildcat Creek: 23rd To Church- Debris Removal	0.47	3.0	598
December 17 2021	Wildcat Creek Church Lane to Vale Road- Encampment Removal	0.1	0.3	65
May 26 2022	San Pablo Creek: Brookside to Kennedy Plaza- Debris Removal	0.08	0.5	101