PUBLIC WORKS DEPARTMENT
(510) 215-4382

September 30, 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 El Cerrito, 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,

Yvetteh Ortiz
Public Works Director/City Engineer

Enclosure

2021-22 Annual Report for the City of El Cerrito

CITY HALL 10890 San Pablo Avenue, El Cerrito, CA 94530 FAX (510) 233-5401

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of El Cerrito				
Population:	25,845 (2021, U.S. Census Bureau)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2021 through June 2022				
Name of the Responsible Authority:	Yvetteh Ortiz			**Title:**	Public Works Director / City Engineer
Mailing Address:	10890 San Pablo Avenue				
City:	El Cerrito	**Zip Code:**	94530	**County:**	Contra Costa
Telephone Number:	(510) 215-4382			**Fax Number:**	(510) 233-5401
E-mail Address:	yortiz@ci.el-cerrito.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Christina Leard			**Title:**	Management Analyst III
Department:	Public Works				
Mailing Address:	10890 San Pablo Avenue				
City:	El Cerrito	**Zip Code:**	94530	**County:**	Contra Costa
Telephone Number:	510-215-4338			**Fax Number:**	(510) 559-7682
E-mail Address:	cleard@ci.el-cerrito.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

El Cerrito continues successful implementation of clean water BMPs in accordance with current MRP provisions. Staff and contractors continued all C.2 permit provisions, including the cleaning and maintenance of the 164 Full Trash Capture Systems installed through Fiscal Year (FY) 2021-22, spill response and clean-up, monthly Corp Yard Inspections, and IPM policy implementation.

In FY 2021-22, a representative from the City of El Cerrito formally participated on regional committees and groups, including the Contra Costa County IPM Advisory Committee and a regional IPM coordinators group. Throughout the reporting period, the City also continued a moratorium on the use of products containing glyphosate for weed management.

Please 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.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	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.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments: None.

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.

Y	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
Y	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.

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

Comments: El Cerrito does not own or operate any bridges or related structures.

C.2.e. ►Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural[1] roads:		**Yes**	X	**No**

If your answer is **No** then skip to **C.2.f**.

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.

	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
	No impact to creek functions including migratory fish passage during construction of roads and culverts
	Inspection of rural roads for structural integrity and prevention of impact on water quality
	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
	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: N/A

[1]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 **X** in the boxes below that apply to your corporations yard(s):	
	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)
Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** 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:	
X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	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
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:
The City's Corporation Yard is thoroughly inspected monthly throughout the year by staff for SWPPP compliance. An outside inspection was completed by the West County Wastewater District on September 23, 2021.

Below is a general description of BMPs used on site:

- General Housekeeping and Grounds Maintenance – Grounds are regularly inspected and cleaned for debris and automotive fluids. When staining of ground is observed in the Corporation Yard, dry cleaning methods are used to remove leaking automotive fluids.
- Storm Drain Inlets – Storm drain inlets are directly connected to the storm drain system. In 2016, an approved Full Trash Capture Device was installed in the Public Works Corporation Yard's drain inlet (DI), which is used in addition to filter fabric and straw waddles that have been used at that location since FY 13-14.
- Vehicle and Equipment maintenance – No vehicle equipment washing takes place on-site at the Corporation Yard. In the event that vehicles or equipment are undergoing minor maintenance, BMPs are used to prevent fluids from contaminating stormwater.
- Solid Waste and Green Debris Storage – There are solid waste and green waste debris boxes located at the recycling facility across the street. During periods of rain, the storage containers are covered to prevent rainwater from becoming contaminated. These activities are covered by the Recycling and Environmental Resource Center's SWPPP. Only a small amount of waste and recycling is stored at the Corporation Yard.
- Storage of Hazardous Material – Small amounts of herbicides are stored in a secure tool room in the Corporation Yard building. Although, beginning in June 2019, the City placed a moratorium on the use of glyphosate, which was the primary herbicide used by the City. All other hazardous materials, such as paint, are also stored in a secured building. Empty containers that once contained hazardous materials are recycled, reclaimed or returned to the distributor in a timely and appropriate manner, or otherwise appropriately disposed of to ensure no hazardous material enters the waste stream.
- Pesticides – The City of El Cerrito used or mixed pesticides less than five times in 2021/22, all products are of reduced risk; either exempt or exhibiting a signal word of 'Caution'. To avoid spillage, equipment such as pumps and funnels are used when mixing or transferring pesticides from a large container to a smaller one. Transferring of pesticides is done over a containment area when possible (tray, bucket, etc.). Pesticides are generally transferred from supplier containers to a secondary container using a funnel. Spill clean-up equipment is kept nearby when transfers are occurring at the Corporation Yard and when work is being performed in the field.
- Catch Basin Sludge and Street Sweeping Spoils – Street sweeping spoils and catch basin sludge are taken directly to a container off-site for disposal.
- Fueling Vehicles and equipment – Vehicles are fueled at other locations and no bulk fuel is stored on site. When small amounts of fuel are dispensed on-site, additional BMPs are used to minimize the chance of stormwater pollution.
- Spill Clean-Up – Spill clean-up equipment is maintained in workers vehicles and the Corporation Yard building. Equipment is also stored on all vehicles that transport hazardous substances to a job site.
- Parking Lot Cleaning – Parking lots may accumulate vehicle leaks such as oil, antifreeze and solid nonhazardous debris. Weekly inspections are done to ensure the area is clean, and to clean up leaks and debris using dry methods. The City's Street Sweeping contractor also sweeps the parking area periodically.
- Off-Site Work and Spill Response – All off-site workers are to use caution to prevent storm drain pollution at job sites. During catch basin cleaning, crews schedule work so that any wash water recovered by the vacuum truck can be hauled away. If field decanting is

necessary, crews will pretreat discharge water as needed by running it through gravel bags prior to discharge. Outdoor areas are swept of debris as needed before leaving a worksite. Clean-up equipment for spills is kept in all vehicles.

- Hazardous Waste Storage – The hazardous waste storage area is in the covered vehicle area in the west yard. The area is for storage of abandoned waste picked up along maintained roadways and for identified hazardous paint related wastes and pesticides generated onsite. Hazardous waste shipments occur as needed by in-house staff or a contracted hazardous waste transporter. All containers stored in the hazardous waste storage area are stored in an intact and leak proof container. No materials are left around the outside of this area.
- Training: Staff are educated on stormwater BMPs as part of an annual training and regular safety meetings, including proper fueling, spill prevention, and cleanup procedures.

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: **Do not leave any cells blank.**

Corporation Yard Name	**Corp Yard Activities w/ site-specific SWPPP BMPs**	**Inspection Date**[2]	**Inspection Findings/Results**	**Date and Description of Follow-up and/or Corrective Actions**
City of El Cerrito Public Works Maintenance Yard (7550 Schmidt Lane)	Activities at the El Cerrito Corp Yard include: • General housekeeping • No vehicle or equipment washing • Minor vehicle/equipment maintenance & repair • Fuel dispensing to small equipment • Outdoor material storage • Minor outdoor waste/recycling storage • Municipal vehicle and heavy equipment parking • Employee parking • FTCD Maintenance See site specific BMPs above.	Monthly	During monthly inspections in FY21/22, the Corp. Yard site was determined to be in clean and good condition with the BMPs outlined above in place, and in compliance with C.2.f requirements.	N/A

[2] Minimum inspection frequency is once a year during September.

Same as above.	Same as above.	9/23/2021	An annual inspection was completed by West County Wastewater District on September 23, 2021. Written notes from the inspection state "BMPs in C.2.f requirements are being met", and state the following: • Control of pollutant discharges to storm drains are used. The drain in the dirt area by the entrance had a debris catcher inside. New wattles and filter fabric material were in place in the two drains at the other entrance to the yard. • Reviewed the monthly checklists and they were found to be up to date. • All vehicle washing is done across the driveway at the recycling center wash rack • Hose on the side of the building is used for watering plants only • No vehicle service performed on site. All solvents/paint/oils etc. is stored inside • Stockpiles (sand, mulch) at rear of yard are not sloped toward the SD's. Some piles were tarped • Yard is checked regularly for debris, pollutants. All areas were clean at the time of the inspection • Granular absorbent is used for leaks, spills. Used absorbent is swept up and re-used or put in hazardous waste containers • No waste stored outside • Only cones, signs, a few trucks kept outside. Some minor equipment kept under roofed area.	N/A

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.

Please see Table C.3.b.iv.(2).

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.?		**Yes**	X	**No**
Comments (optional): None.				

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)?	X	**Yes**		**No**
2. In FY 2021-22, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the **C.3.b.iv.(2)** Table, and the **C.3.e.v.** Table.	X	**Yes**		**No**

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.

Please refer to Table C.3.e.v and the associated narrative section below.

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.

There was 1 newly installed stormwater treatment project within the reporting year. The following project was completed:

1. El Dorado Townhomes/Village 29, 1590 El Dorado Street, El Cerrito, CA 94530: Two (2) new Bioretention facilities, one new media filter and 56% LID treatment and 44% non-LID treatment.

Please see Table C.3.h.v(2) below for additional information.

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)	**10**
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)	**11**
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)	**10**
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 21-22)	100%[3]

[3] 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:

In Fall 2021 when the verification inspections were underway, the City had ten (10) regulated projects with installed stormwater treatment facilities. The additional projects reported in C3.b.iv.(2) table below had either not yet commenced with construction (i.e., The Lexington and 6115 Potrero Avenue) or not completed construction (El Dorado Townhomes/Village 29). These were bio-retention facilities and vault-based systems. In general, the most common follow-up measures include keeping track of and properly documenting inspections after storm events to confirm facilities are draining well and that vegetation is alive.

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:

The O&M Program before the pandemic had been functioning effectively; however, we are reevaluating the percentage of sites and facilities that will be inspected in the future by City staff and/or consultants as the number of sites increase every year and staff has been reduced. Nonetheless, in FY 2021-22, the City was able to inspect 100% of facilities that were completed.

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.* Appendix C includes minimum specifications for runoff reduction measures.

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Permittees. The City of El Cerrito's local ordinance, policies, and procedures 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. We are using the following Program and BASMAA products for C.3.i implementation:

- BASMAA's site design fact sheets
- The countywide program's checklist

- C.3.i guidance provided by the countywide program

The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, latest Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City of El Cerrito's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

The City has also updated information on the City's website to address all C.3 requirements at developments:
http://www.el-cerrito.org/DocumentCenter/View/15031/El-Cerrito-Stormwater-Control-Plan-Requirements_October-2020?bidId=

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 City of El Cerrito completed internal and external outreach (including staff orientation, staff reports, and information items provided to elected officials) as follows:

The City of El Cerrito conducted internal outreach and coordination, including:

- Regularly in FY2021-2022, City Staff in Public Works met with Staff in Community Development to discuss development applications and how to enhance the green infrastructure facilities incorporated into those projects, in some cases to capture water beyond the parcel being developed.

The City of El Cerrito published articles on Green Infrastructure, including:

- El Cerrito City Manager Updates (Sent monthly to the El Cerrito City Council, City Staff, and Posted Online)
    - November 18, 2021 – Article "Clean Water Program Annual Report Highlights & Potential NPDES Permit Changes"
    - June 16, 2022 – Article "Stormwater Permit Updates: New "MRP 3.0""

City Staff also attended the following related trainings:

- 2022 C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop
    - CCCWP sponsored a workshop, "Provision C.3 Workshop - Stormwater NPDES Compliance for Land Development Projects," held on May 24, 2022. Due to COVID-19, the workshop was held online via Zoom webinar and included a panel made up of experienced municipal stormwater staff (Yvana Hrovat, Haley and Aldrich; Dan Cloak, P.E., Dan Cloak Environmental Consulting; Mitra Abkenari, City of Concord; Phil Hoffmeister, City of Antioch; Frank Kennedy, Kennedy and Associates; and Ryan Cook, City of Walnut Creek), who led an interactive discussion of five key topics in LID implementation, in addition to changes to C.3 in the MRP 3.0 Permit.
- Mapistry's Industrial Stormwater Training
    - Training for Public Works Staff was held on October 13, 2021 to review stormwater BMPs related to the Recycling Center's Industrial General Permit.

Please refer to the Countywide Program's FY 21-22 Annual Report for a summary of outreach efforts implemented at the Countywide level.

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 City used the process identified in the BASMAA May 6, 2016 document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects".
Summary of Planning or Implementation Status of Identified Projects: See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

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.
In recent years considerable outreach efforts were conducted in El Cerrito through newsletter articles, Council reports, and through coordination across departments and across agencies to promote Green Infrastructure at the local level. Please refer to Countywide Program's FY 21-22 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design, and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

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[4], Street Address	Name of Developer	Project Phase No.[5]	Project Type & Description[6]	Project Watershed[7]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft^2)[8]	Total Replaced Impervious Surface Area (ft^2)[9]	Total Pre-Project Impervious Surface Area[10] (ft^2)	Total Post-Project Impervious Surface Area[11] (ft^2)
Private Projects											
1)The Lexington	6501 Fairmont Avenue	El Cerrito 36 LP	Construction not yet commenced. Not being constructed in phases	Planned six-story, mixed-use building with 45 residential units; 1,800 square feet of ground-floor commercia space; 35 vehicle parking spaces; 68 long term bicycle parking spaces; and 10 short term bicycle parking spaces. The project is planned to be built in a single phase. An existing commercial building will be demolished as part of the project. The project has 3 surface parking stalls planned along Lexington Avenue, with all other parking to be located inside the building in a parking garage.	SF Bay Cerrito Creek Watershed	0.37	0.37	0	14,667	15,114	14,667
2) 6115 Potrero Avenue	6115/ 61111 Potrero Avenue and 11335-41 San Pablo Avenue	Rhoades Planning Group	Construction not yet commenced. Not being constructed in phases	Planned five-story, mixed-use building with 63 residential units; 5,554 square feet of ground floor commercial space; 23 vehicle parking spaces; 97 long term bicycle parking spaces; and 12 short term bicycle parking spaces. The ground floor commercial space includes a 2,400 square foot brewery and a 1,600 square foot restaurant, with a 1,000 square foot outdoor patio along San Pablo Avenue. An existing commercial building will be demolished as part of the project.	Baxter Creek	0.43	0.43	4,254	13,583	13,583	17,837
Public Projects											
No C3 Public Projects	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: No additional comments.											

[4]Include cross streets
[5]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".
[6]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.
[7]State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.
[8]All impervious surfaces added to any area of the site that was previously existing pervious surface.
[9]All impervious surfaces added to any area of the site that was previously existing impervious surface.
[10]For redevelopment projects, state the pre-project impervious surface area.
[11]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[12]	Application Final Approval Date[13]	Source Control Measures[14]	Site Design Measures[15]	Treatment Systems Approved[16]	Type of Operation & Maintenance Responsibility Mechanism[17]	Hydraulic Sizing Criteria[18]	Alternative Compliance Measures[19/20]	Alternative Certification[21]	HM Controls[22/23]
Private Projects										
1) The Lexington	Application was submitted in January 2021	The project was approved by the Design Review Board on December 1, 2021.	Mark all inlets with the words "No Dumping! Flows to Bay" or similar. Interior floor drains and elevator shaft sump pumps will be plumbed to sanitary sewer. Parking garage floor drains will be plumbed to the sanitary sewer. Sanitary sewer cleanouts will be provided at pools, spas, ponds, decorative fountains, and other water features.	Special Project: A flow-through planter is proposed on the second floor of the building, which will collect drainage from the majority of the roof and second-floor plaza areas. The Fairmount frontage is nearly entirely treated by a collection of bioretention planters along the sidewalk. The remainder of the roof areas and the remainder of the frontages that cannot be sent to planters are treated by non-LID Contech Storm filters.	1 flow through planter, 5 bioretention areas, self-retaining landscape areas and one media filter	O&M Agreement	2c	N/A	N/A	Not required as project is less than one acre
2) 6115 Potrero Avenue	Application was submitted in February 2021	The project was approved by the Planning Commission on March 16, 2022. The project was approved by the Design Review Board on May 4, 2022.	All accessible on-site inlets will be marked to convey that no dumping is allowed. Parking garage floor drains will be plumbed to the sanitary sewer. Landscape plans will be designed to minimize irrigation and runoff and to minimize use of fertilizers and pesticides. Specify plantings within swales that are tolerant of the sandy loam soils and periodic inundation and will conform to the plan list recommendation by the C.3. Guidebook. Include pest-resistant plants, plantings appropriate to site soils, slopes, climate, sun, wind, rain, land use. Courtyard areas will have furniture and cooking facilities. No non-hazardous liquids or hazardous materials will be stored in this area. Trash room on West side of building inside the garage, dumpsters will be rolled out onto Potrero from the garage entry points. Signs will be posted on or near dumpsters with the words "Do not dump hazardous materials here" or similar.	Special Project: The project proposes 60% LID treatment with at-grade bioretention planter to treat roof runoff at the north area of the proposed project site and a bioretention planter on the 2nd floor podium to treat additional roof area. Due to LID constraints, impervious surfaces for the remaining roof area, podium courtyard, and ground level hardscape (roughly 40% of the total impervious area) will be directed to a non-LID filter vault under the garage slab to meet stormwater treatment requirements	2 bioretention facilities, self-retaining landscaping and one media filter	O&M Agreement	2c	N/A	N/A	Not required as project is less than one acre
No C3 Public Projects	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

12 For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.
13 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.
14 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.
15 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.
16 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.).
17 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.
18 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).
19 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.
20 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.
21 Note whether a third party was used to certify the project design complies with Provision C.3.d.
22 If HM control is not required, state why not.
23 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), biodetention unit(s), regional detention basin, or in-stream control).

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[24]	Date Construction Scheduled to Begin	Source Control Measures[25]	Site Design Measures[26]	Treatment Systems Approved[27]	Operation & Maintenance Responsibility Mechanism[28]	Hydraulic Sizing Criteria[29]	Alternative Compliance Measures[30/31]	Alternative Certification[32]	HM Controls[33/34]
Public Projects										
No C3 Public Projects	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments: No additional comments.										

[24]For public projects, enter the plans and specifications approval date.
[25]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.
[26]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.
[27]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.).
[28]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.
[29]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).
[30]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.
[31]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.
[32]Note whether a third party was used to certify the project design complies with Provision C.3.d.
[33]If HM control is not required, state why not.
[34]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), biodetention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ►Table of Newly Installed[35] 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[36] For Maintenance**	**Type of Treatment/HM Control(s)**
El Dorado Townhomes/Village 29	1590 El Dorado Street	Home Owners Association	2 bio retention basins, 1 media filter

[35] "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
[36]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[37]	Status[38]	Description[39]	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category[40]	LID Treatment Reduction Credit Available[41]	List of LID Stormwater Treatment Systems[42]	List of Non-LID Stormwater Treatment Systems[43]
									Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and % of total runoff treated.	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received
1) The Lexington	City of El Cerrito	6501 Lexington Avenue	A Tier II Design Review application was submitted in January 2021	The project was approved by the Design Review Board on December 1, 2021.	This six-story, mixed-use building would include 45 residential units; 1,800 square feet of ground floor commercial space; 35 vehicle parking spaces; 68 long term bicycle parking spaces; and 10 short term bicycle parking spaces. An existing commercial building will be demolished as part of the project. The project has 3 surface parking stalls planned along Lexington Avenue, with all other parking to be located inside the building in a parking garage.	0.37	167	3.38	Category C: The proposed project is transit-oriented, being located in TOHIMU zoning and proposing a high-density mixed-use development within ¼ mile of the El Cerrito Plaza BART station. • The proposed project is not an auto-use project. • The proposed density of the project is 167 DU/acre; which is over the 25 DU/acre minimum requirement for special category C, and qualifies the project for a 30% LID credit. • The project is an Urban/Pedestrian design in a Business/Downtown district. The project is located in the San Pablo Specific Plan area as a Downtown District parcel and is zoned TOHIMU, and is less than ¼ mile away from the El Cerrito Plaza BART station, which qualifies the project for a 50% LID Credit.	Category C: 80%	64% Flow Through Planter, bioretention facilities	36% - The Contech storm filters treat a total of 5,771 square feet of the roof,

[37]Date that a planning application for the Special Project was submitted.
[38] 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.
[39]Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.
[40] For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.
[41]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.
[42]: 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.
[43]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.

2)6115 Potrero Avenue	City of El Cerrito	6115 Potrero Avenue	Application was submitted in February 2021	The project was approved by the Design Review Board on May 4, 2022	This five-story, mixed use building would include 63 residential units; 5,554 square feet of ground floor commercial space; 23 vehicle parking spaces; 97 long term bicycle parking spaces; and 12 short term bicycle parking spaces. The ground floor commercial space includes a 2,400 square foot brewery and a 1,600 square foot restaurant, with a 1,000 square foot outdoor patio along San Pablo Avenue. An existing commercial building will be demolished as part of the project. The ground floor also includes structured parking for vehicle parking.	0.43	157.5	3.63	Category C: The project is a transit-oriented mixed-use development that is located within ¼ mile of a BART station (50% Location Credit), achieves a density of greater than 100 DU/acre (30% Density Credit), and has no surface parking (20% Minimized Surface Parking Credit). The total project is eligible for a 100% LID Treatment Reduction Credit.	Category C: 100%	60% Bioretention facilities, self-retaining landscaping	40% media filter

Special Projects Narrative

1) The Lexington – 6501 Fairmont Avenue
The project has been approved as indicated above. The site is located within the San Pablo Avenue Specific Plan area, at the northeast corner of Fairmount and Lexington Avenues. The site is a single parcel, 0.27 acres in size. The planned building is a mixed-use retail and residential building, with 2 retail spaces and 45 residential units, along with frontage improvements along Fairmount and Lexington Avenues, which brings the total development area to 0.37 acres. The project is planned to be built in a single phase. There are 3 surface parking stalls planned along Lexington Avenue, with all other parking to be located inside the building in a parking garage. The site is located a block away from a major BART station. The site is located in a high-density, urban zoning area, with heavy pedestrian traffic. Thus, the building takes up the entire parcel area, which constrains the locations where LID treatment measures can be placed. Existing utilities in the street frontages limit the areas where LID treatment facilities can be placed along the frontage. Green areas are proposed in various areas on the roof of the building. On the second floor, in particular, a large flow-through planter is proposed. Various landscape areas, planters, and bioretention areas are proposed on the frontages to offset some of the impervious areas. This project evaluated the green infrastructure along the Lexington Frontage due to the presence of multiple electrical, gas, and other dry utility lines and structures; however, a small amount of bioretention can be installed along the Fairmount Frontage, which can treat the Fairmount sidewalk areas and a small portion of the building roofs as previously discussed This project is unable to install green infrastructure along the Lexington Frontage due to the presence of multiple electrical, gas, and other dry utility lines and structures; however, a small amount of bioretention can be installed along the Fairmount Frontage, which can treat the Fairmount sidewalk areas and a small portion of the building roofs as previously discussed. This project evaluates the feasibility of installing green infrastructure along its frontages in the public right-of-way including as part of a curb bulb-out in the parking lane but largely found it to be infeasible due to the presence of multiple electrical, gas, and other dry utility lines and structures however, a small amount of bioretention can be installed along the Fairmount Frontage, which can treat the Fairmount sidewalk areas and a small portion of the building roofs as previously discussed. The total LID Credit received from the Category C above is 80%, only 20% of the treatment is required to be LID treatment. The project is proposing 64% LID and 34% Non-LID.

2) 6115 Potrero Avenue
The project has been approved as indicated above and is located at the intersection of San Pablo Avenue and Potrero Avenue. The project will occupy approximately 0.40 acres of what is now a vacant building and parking lot. The additional 0.3 acres represents the sidewalks fronting the property. The project is a proposed five-story building at 6111 & 6115 Potrero Avenue and 11335 San Pablo Avenue. This building would include 63 residential units; 5,554 square feet of ground floor commercial space; 23 vehicle parking spaces; 97 long term bicycle parking spaces; and 12 short term bicycle parking spaces. The ground floor commercial space includes a 2,400 square foot brewery and a 1,600 square foot restaurant, with a 1,000 square foot outdoor patio along San Pablo Avenue. The site is located in a high-density, urban zoning area, with heavy pedestrian traffic. Thus, the building takes up the entire parcel area, which constrains the locations where LID treatment measures can be placed. Existing utilities in the street frontages limit the areas where LID treatment facilities can be placed along the frontage. This project can qualify as a "Special Project" Category C based on

its close proximity to the El Cerrito Del Norte Bart Station, being 0.25 miles away from our site, having 157.5 dwelling units per acre and zero surface parking on site. Based on this criterion, the site qualifies for a 100% LID credit. However, the design incorporates treatment of 60% of the site runoff by Integrated Management Practices (IMP), and the other 40% of it will be treated by non-LID treatment systems. Two Bioretention planters and landscaping on the podium level that make up the landscaping features around the building. Landscape on the podium level and within the sidewalk has been incorporated, along with bioretention.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure

Project Name and Location[44]	Project Description	Status[45]	GI Included?[46]	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement[47]
Annual Access Modifications – Streets & Sidewalks	Remove ADA obstacles in the public right-of-way along streets and sidewalks	Planning	TBD	Increase impervious area and disperse runoff from Impervious surface onto adjacent vegetated area
Arlington Park Improvements	Renovate and replace park features. clubhouse, and picnic areas.	Planning	TBD	Increase impervious area and disperse runoff from Impervious surface onto adjacent vegetated area
Richmond Street Complete Streets Improvements	Rehabilitate the roadway pavement; reconstruction sections of sidewalks, curb, and gutter and storm drain facilities; install new and modify curb ramps; install new traffic signing and pavement markings; enhance pedestrian crossings; consider new street trees and rain gardens in sidewalks	Planning	TBD	Increase impervious area and disperse runoff from Impervious surface onto adjacent vegetated area; new streets trees and rain gardens
Swim Center Capital Enhancements at the parking lot	The project includes ADA improvements to pool stairs and ADA improvements to the parking lot .	Under design	TBD	The potential to include green infrastructure measures as part of the ADA parking lot improvements will be assessed as the design is developed.
Storm Drain Program	The City is in the process of completing a comprehensive Storm Drain Master Pan that not only analyzes the storm drain	Under development	Yes	During the process of completing this Master Plan, the City of El Cerrito developed green infrastructure projects for incorporation into the City's Green Infrastructure (GI) Plan. The projects developed for the GI Plan were cross

44 List each public project that is going through your agency's process for identifying projects with green infrastructure potential.
45 Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.
46 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.
47 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.

	system to identify deficiencies in system capacity and condition and develop improvement projects and costs for the improvements needed, and also has used this study to help identify opportunities for GI			referenced to identify potential CIP projects that could provide dual benefits for flood protection and improving water quality.
Ohlone Greenway Impr - Hill to Blake, Safeway Path – Phase 1	Construction of a new pedestrian side path and landscaping improvements	Under design	Yes	Disperse runoff from Impervious surface onto adjacent vegetated area.
Del Norte TOD Complete Streets Improvements	Construction of new and enhanced bicycle and pedestrian facilities to regional transit at El Cerrito del Norte BART Station and surrounding TOD, bus and vehicle circulation improvements, and streetscape elements	Under design 35%	Yes	Prelim concept design prepared as part of Contra Costa Watersheds Stormwater Resource Plan effort. Project as funded does not include green infrastructure improvements. Four potentially feasible locations for bioretention that could be included in the project were identified based on the proposed street modifications, specifically, bioretention facilities in new curb bulb-outs and traffic channelization islands. The facilities have also been included in the City's Green Infrastructure Plan. Practicality of implementation is further being assessed for feasibility given many utility conflicts, incremental cost, and availability of funding.
Parks & Recreation Facilities Master Plan	The Master Plan looks at the significant maintenance and rehabilitation needs of the City's aging parks and recreation facilities with the intent to identify the necessary repairs and upgrades so that facilities will be sustainably maintained in the future.	Adopted by City Council in April 2019	Yes	Several GI opportunities were identified in the Plan. The City will further assess the GI infrastructure facilities as projects identified in the master plan are further developed.

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

Project Name and Location[48]	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
Gladys Avenue, El Dorado Street, B Street Improvements	Rehabilitate the roadway pavement; reconstruct sections of sidewalks, curb, and gutters; install new and modify curb ramps; install new traffic signing and pavement markings	Completed May 4, 2022	Project created additional pervious areas for future trees and landscaping, and treatment of existing sidewalks.
2021 Sidewalk Repair Project	Repair sidewalk at six locations on San Pablo Avenue. These repairs are associated with sidewalk severely displaced by City Street tree roots	Completed February 2022	Project created additional pervious areas for existing and future trees and landscaping, and treatment of existing sidewalks
San Pablo Avenue Green Stormwater Spine Project	Bio-retention facility on east side of San Pablo Avenue south of Moeser in El Cerrito, as part of a regional project being implemented by the San Francisco Estuary Partnership Program. Designed to capture street run-off.	Completed June 2021	Bio-retention facility treats street flows on San Pablo Ave and Moeser Lane and adjacent new sidewalk and bike lane.
Eureka Ave and Lexington Ave Improvements	Rehabilitate the roadway pavement; reconstruction sections of sidewalks, curb, and gutter and storm drain facilities; install new and modify curb ramps; install new traffic signing and pavement markings.	Construction completed June 2020	Project created additional pervious areas for future trees and landscaping, and treatment of existing sidewalks.
Centennial /Fairmont Park Improvements, Phase 1,	Upgrade a portion of park with new, more accessible	Completed 2019	Dispersed runoff from impervious surface onto adjacent vegetated area and use of new

[48] 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.

Eureka Avenue and Liberty Street	paths; enhanced gathering spaces; improved children's play area; and improved landscaping and amenities		pervious surface under playing structures
Ohlone Greenway Rain Gardens (Fairmount)	Rain garden and park located along a major active transportation trail and corridor. The rain gardens collect water drained from a number of nearby streets.	Completed 2015	Bio-retention facility
San Pablo Avenue Rain Gardens at Madison and at Eureka	Bio-retention facilities on east side of San Pablo Avenue at Madison Avenue and at Eureka Avenue.	Completed 2010	Bio-retention facility

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

Program Highlights and Evaluation **Highlight/summarize activities for reporting year:**
Summary: In FY 2021/22, West County Wastewater District (WCWD) performed forty-nine (49) inspections or re-inspections of various business types across the City of El Cerrito, with four (4) follow-up or enforcement follow-up inspections. There was one (1) Written Notice issued and one (1) Notice of Violation. WCWD distributed CCCWP outreach materials to businesses, including "Trash BMPs for Businesses" brochures, "Stormwater BMPs for Restaurants", and "Water Pollution Prevention" posters for Restaurants. Annually, the City of El Cerrito updates its facilities list, inspection frequencies and priorities. In addition, City staff communicate regularly with WCWD to adjust the planned list of inspections, in cases where stormwater concerns are identified. Since the beginning of the pandemic, the City's inspectors have resumed inspections with use of appropriate protective measures, such as social distancing and use of face masks and have reported on inspections completed in FY 2021/22. In this reporting period five (5) inspections were moved or "closed" due to a temporary or permanent business closure. El Cerrito Staff completed a SWPPP training on October 13, 2021. El Cerrito staff attend the regional CCCWP Municipal Operations Committee meeting every month. For a description of activities of the countywide program please refer to the C.4. Industrial and Commercial Site Controls section of the countywide Program's FY 21-22 Annual Report for a description of activities of the countywide program and/or the BASMAA Municipal Operations Committee.

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.
See Attachment C.4.b.iii Potential Facilities List.

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.

	X	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
		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))	53
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))	2

Comments:

Sites inspected in violation are noted in the inspection reports and in a written notice (Warning Notice or Violation Notice), if applicable. The WCWD inspector also emails the notification to the El Cerrito Clean Water Program Coordinator for tracking and follow-up. Violation inspections are listed in the inspection summary reports (received by the Clean Water Program Coordinator) under the "Enforcement" column as "WN" or "NOV". Later when the follow-up inspection is conducted the "Inspection Type" column will indicate "Enforcement F/U" and will be noted as "Corrected" or not. After receiving Warning Notices or Notices of Violation, all properties have corrected the violations.

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.

	Enforcement Action (as listed in ERP)[49]	**Number of Enforcement Actions Taken**
Level 1	Verbal Warning/Warning notice/education for exposure due to BMP deficiency	1
Level 2	Notice of Violation due to clear evidence of recent, but not current, discharge	1
Level 3	Formal Enforcement (Administrative Penalties, Cost Recovery)	0
Level 4	Legal Action and/or referral to State and Federal Agencies	0
Total		2

[49]Agencies to list specific enforcement actions as defined in their ERPs.

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.

Business Category[50]	Number of Actual Discharges	Number of Potential Discharges
Gas Station	0	0
Retail	0	0
Food Service	1	2
Other	0	0

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:

No industries were identified as non-filers during this fiscal year. WCWD conducts inspections for El Cerrito under an interagency service agreement. WCWD reviews the operations of the businesses inspected to determine if they may be subject to the General Industrial Permit standards and if so, determines if the business filed a Notice of Intent (NOI) with the SWRCB. If a non-filer is identified, WCWD informs the business of the requirement to file a NOI. If the business does not file a NOI, WCWD will notify the City of El Cerrito of this status so that appropriate referral to the RWQCB is made. WCWD did not notify the City of El Cerrito of any non-filers during the reporting period.

C.4.e.iii ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
C.4 Stormwater Inspector Training Workshop	June 22, 2022	The CCCWP hosted one Commercial/Industrial Stormwater Inspection Training Workshop in FY 2021/22. Due to the ongoing coronavirus pandemic, the workshop was held on June 22, 2022, via a Zoom webinar. The workshop had 25 attendees and topics consisted of: • Stormwater Regulatory Overview of C.4/C.5 Under MRP 3.0;	El Cerrito–1 WCWD-0	WCWD-0	N/A	N/A

[50]List your Program's standard business categories.

		• Investigating Cross Connections in Storm Water; • Addressing Encampments of Unsheltered Homeless; • Enforcement & Coordination with the County District Attorney; Recordings of the presentation were made available to Permittees and their inspectors following the completion of the workshop.				
C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop	May 24, 2022	CCCWP sponsored a Provision C.3 Compliance Workshop, "Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities," held on May 24, 2022. This was initially scheduled as an in-person workshop to be held in Walnut Creek, but was switched to a webinar due to on-going public health concerns. There were 159 registrants and about 140-145 participated in the online seminar. Presentations included a review of the basics of Provision C.3 compliance and Low Impact Development design, an update on changes to Provision C.3 in MRP 3.0, and a brief training on Green Infrastructure project identification and preliminary design techniques. As with previous years' workshops, the presentations were followed by a panel made up of experienced municipal stormwater staff: Mitra Abkenari (City of Concord), Phil Hoffmeister (City of Antioch), Frank Kennedy (Kennedy and Associates), and Ryan Cook (Walnut Creek). The panelists led an interactive discussion of five key topics in LID implementation. The workshop agenda and slides have been posted to the CCCWP website. The webinar was recorded, and a link to the recording is also on the CCCWP website.	El Cerrito-2	N/A	N/A	N/A
SWPPP Industrial Training	October 13, 2021	Stormwater BMP training for City staff in Public Works Maintenance and Recycling Operations.	N/A	N/A	N/A	N/A
WEF – Weftec Annual Conference	October 15-21, 2021	• CECs in Stormwater • Green Infrastructure	WCWD-1	WCWD-50	N/A	N/A

		• Watershed Management • Water Quality				
CWEA – Illicit discharge tracking webinar (virtual)	March 4, 2022	• General inspector skills	WCWD-1	WCWD-50	N/A	N/A
Virtual statewide conference on illegal dumping (Alameda County Supervisor Miley)	April 19-20, 2022	• General inspector skills • Green infrastructure • Stormwater program	WCWD-1	WCWD-50	N/A	N/A
CWEA –Annual Pretreatment, Pollution Prevention and Stormwater Conference	June 21-23, 2022	• Stormwater program • General inspector skills	WCWD-1	WCWD-50	N/A	N/A

Comments:
No additional comments.

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:

The City received reports of twenty-three (23) illicit discharges during the 2021/22 reporting period. However, discharges by the potable water provider (EBMUD) are generally not reported to the City and therefore are not necessarily reflected in this report. City Staff immediately respond to reports of illicit discharges and work to prevent pollutants from entering the storm drain system and local creeks. Please refer to the C.5 Illicit Discharge Detection and Elimination section of the countywide program's FY 21-22 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 has been No Change to City's complaint and spill response website address or 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)

	Number
Discharges reported (C.5.d.iii.(1))	23
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	13
Discharges resolved in a timely manner (C.5.d.iii.(3))	23

Comments:

The City of El Cerrito's Public Works staff responds to reports of spills and discharges as soon as possible by containing spills and vacuuming or diverting spills away from the MS4 to a permeable landscape. Staff investigates the complaint as soon as Public Works is notified of a potential illicit discharge. In cases where the complaint is received after business hours, staff is dispatched as an emergency call-out through the El Cerrito Police Department, at which time the after-hours crew responds and contains or diverts and investigates. City staff tracks whether the potential pollutant entered the storm drain system (drain inlet DI) and/or receiving waters. When staff does not witness pollutants entering the storm drain system, they make their best effort to determine whether pollutants did or did not enter the storm drain system by inspecting the potentially affected drain inlets. In many cases, it is unknown if pollutants reached the storm drain system; it is assumed in these cases that the discharge did enter the storm drain and are listed as having done so. When the discharger is identified, the City takes action to provide education and enforcement as necessary to reduce the potential for illicit discharges in the future.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ►Site/Inspection Totals

Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	**Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection)** (C.6.e.iii. 3.c)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.3.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)
#	#	#	#
2	4	2	28

Comments:

The larger than (1) acre sites were the PG&E-El Cerrito G Substation still ongoing project and one (1) multi-unit housing development project at 11600 San Pablo Ave (Mayfair Project). Two (2) of the four (4) sites that disturbed less than 1 acre were located on a Hillside, however any site that involves more than 50 CY of earthwork requires a Grading & Transportation Permit in the City and are therefore considered High Priority Sites. A formal pre-rainy season letter was sent to all the sites that were active at the beginning of the rainy season and at least one formal inspection was conducted at all sites (more than 1 acre, and less than 1 acre). Inspections were done both before and after a rain event as well as at the beginning and end of the rainy season.

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.

As noted above, any site that involves more than 50 cubic yards of earthwork requires a Grading & Transportation Permit and the City inspects these sites monthly and before rain events as high priority sites.

C.6.e.iii.(3)(e) ►Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP)[51]	Number Enforcement Actions Issued
Level 1[52]	Verbal Warnings/Warning Notice/Education	3
Level 2	Notice of Violation	0
Level 3	Formal Enforcement (Administrative Penalties, Cost Recovery	0
Level 4	Legal Action and/or Referral to State and Federal Agencies	0
Total		**3**

C.6.e.iii.(3)(f), ►Illicit Discharges

	Number
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

C.6.e.iii.(3)(g) ► Corrective Actions

Indicate your reporting methodology below.

X	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	3

Comments:
All of the enforcement actions were Level 1- Verbal Warnings. The City requested maintenance of the existing BMP's, covering of stockpiles, stabilizing construction entrances and general housekeeping. These were sufficiently addressed in a timely manner.

[51] Agencies should list the specific enforcement actions as defined in their ERPs.
[52] 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: Prior to the rainy season, letters were sent to contractors as a reminder to install erosion and sediment control measures. During the rainy season, two sites were verbally notified due to poor maintenance of its BMP's. Verbal warnings were given to the Project Superintendents. The contractors responded within the time frame given and prior to any need for further written warnings. Routine drive-through inspections were performed for the compliance of these sites.

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 City has been diligent over the years implementing its inspection program, completing staff training and outreach, and effectively tracking and documenting the inspections on tables. Improvements were made to increase the ease at which inspection data are aggregated by Staff and reported on an excel spreadsheet by site size, hillside areas, and sites holding a Grading & Transportation permit. City staff will have to review the number of sites that will be active this coming rainy season, inspection requirements, and potential to bring on additional resources such as seasonal staff or consultants to meet these needs. 1) The City uses the Contra Costa Clean Water Program Forms during inspections and they are a very useful tracking tool. The tracking of these inspections is collected on an excel spreadsheet for each year. 2) The inspectors receive training by attending the provision C.6 workshops. Refer to the C.6 Construction Site Control section of CCCWP's FY 21-22 Annual Report 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
C.6 Construction	March 30, 2022	To assist Contra Costa Permittees to comply with MRP Provision C.6.f.ii., CCCWP sponsors training for permittee construction inspection staff biennially. The previous biennial training was in FY 2019/20. The FY 2021/22 training was held on March 30, 2022, jointly with the Alameda County Clean Water	2 EC Staff (1 inspector)

Inspectors Workshop		Program (ACCWP). The workshop was attended by 133 municipal agency staff and 11 consultants. The training was held virtually on the GoTo Training platform; it was recorded and made available to ACCWP and CCCWP members. The presentations provided foundational C.6 information, pending updates to the Construction General Permit (CGP) and the MRP, and inspection case studies. The inspection case studies drew from experiences three presenting stormwater construction inspectors and was followed up with an extended panel discussion with the participants. Pre- and post-workshop surveys provided insights into the knowledge of the participants before and after the workshop. The pre-workshop survey had an average correct response rating of 70% that improved to 81% in the post-workshop survey. Participants were also asked to provide feedback on the Workshop. Seventy-two percent of the attendees (104 out of 143) completed evaluations. Approximately 50% of the attendees stated a preference for future online trainings with the remaining 50% split between no preference and in-person trainings. The survey also asked "What C.6 questions did you wish were covered, or were not covered enough in this workshop? These responses, which help to identify future training topics and needs, included: additional information on enforcement tools and options for non-responsive contractors; overview of inspection forms and other tools available for inspectors; Water Board contacts; clarification on CGP disturbance thresholds and comparison to MRP C.6 requirements; review of small project Erosion Control Plans.	
C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop	May 24, 2022	CCCWP sponsored a Provision C.3 Compliance Workshop, "Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities," held on May 24, 2022. This was initially scheduled as an in-person workshop to be held in Walnut Creek but was switched to a webinar due to on-going public health concerns. Presentations included a review of the basics of Provision C.3 compliance and Low Impact Development design, an update on changes to Provision C.3 in MRP 3.0, and a brief training on Green Infrastructure project identification and preliminary design techniques. As with previous years' workshops, the presentations were followed by a panel made up of experienced municipal stormwater staff: Mitra Abkenari (City of Concord), Phil Hoffmeister (City of Antioch), Frank Kennedy (Kennedy and Associates), and Ryan Cook (Walnut Creek). The panelists led an interactive discussion of five key topics in LID implementation. The workshop agenda and slides have been posted to the CCCWP website. The webinar was recorded, and a link to the recording is also on the CCCWP website.	2 EC Staff (1 inspector)
C.4 Stormwater Inspector Training Workshop	June 22, 2022	The CCCWP hosted one Commercial/Industrial Stormwater Inspection Training Workshop in FY 2021/22. Due to the ongoing coronavirus pandemic, the workshop was held on June 22, 2022, via a Zoom webinar. The workshop had 25 attendees and topics consisted of: • Stormwater Regulatory Overview of C.4/C.5 Under MRP 3.0; • Investigating Cross Connections in Storm Water; • Addressing Encampments of Unsheltered Homeless; • Enforcement & Coordination with the County District Attorney; Recordings of the presentation were made available to Permittees and their inspectors following the completion of the workshop.	1 EC Staff (0 inspectors)

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:

The City of El Cerrito has supplemented regional outreach efforts by publishing a number of articles in municipal publications, conducting outreach at local events (virtually and in-person where possible during the COVID-19 pandemic), and supporting cleanup events and work parties throughout the City. The City also directly funds educational programs in El Cerrito schools through the Kids for the Bay program and directly supports the Bringing Back the Natives program. While in-person events were morel limited in FY 2021/22, the City was still able to host some socially distanced in-person events (e.g., volunteer work parties, Bike to Wherever Day, 4th of July Festival), and supplemented those with print and online outreach, including virtual events.

Greener El Cerrito Print Newsletter (sent to every property address as garbage bill insert):

- Spring/Summer 2022 – Article "El Cerrito Recognized As A Tree City USA" and announcements for El Cerrito Green Team and Baxter Creek cleanup events and the Citywide garage sale
- March 2022 (Commercial Edition) – Article "Amended Foodware Ordinance Effective July 2022"
- Winter 2021/2022 – Article "How to Report & Reduce Illegal Dumping in El Cerrito" and announcements for Baxter Creek cleanup events and the Citywide garage sale
- Fall 2021 - Article "Proposed Expanded Foodware Ordinance" and announcements for Baxter Creek cleanup events and the Citywide garage sale

Green Happenings City Environmental E-Newsletter (Sent out monthly to 1,000+ recipients)

- Regular promotion of upcoming events, cleanups, work parties, and City environmental news, policies, and programs.
- June 2022 – Articles "EBMUD Declares a Stage 2 Drought", "Green Team Cleanups in 2022 Presented by The Environmental Quality Committee"
- May 2022 – Articles "Celebrate the 8th Annual El Cerrito Hillside Festival", "Shop The Citywide Garage Sale", "Green Teams Broom Pull Event", "2022 East Bay Green Home Tour"
- April 2022 – Articles "Celebrate Earth Day on April 23 and throughout April 2022!", "Tree City USA Signs Installed at City Limits", "Bringing Back the Natives Garden Tour & Green Home Features Showcase", "Free Home Energy & Water Efficiency Kits", "Prepare For Spring: The CCCWP Guide"
- March 2022 – Article Promoting El Cerrito Green Team Cleanup Event, Article promoting EBMUD Virtual Wastewater Treatment Plant Tour, Article promoting Bringing Back the Natives Garden Tour & Green Home Features Showcase
- February 2022 – Articles "Street Tree Planting Program Update", CCCWP "Don't Spray Before the Rain"
- January 2022 – Articles "Winter Storm Preparedness", "Green Teams Broom Pull Event", CCCWP New Year Resolutions,
- December 2021 – Articles "Rain is Here, Time to Turn Off Irrigation ", "Illegal Dumping Education", "Green Teams Broom Pull Event"
- November 2021 – Article "Mandatory Composting & Proposed Expanded Foodware Ordinance"

- October 2021 – Article “Preparing for Rainy Season”, “Light Bulbs & Tubes and How to Dispose of Them”, articles promoting El Cerrito Green Team Cleanup Event and Bringing Back the Natives - Green Homes Presentation
- September 2021 – Articles “Changes to Your Garbage, Recycling & Organics Service & Proposed Expanded Foodware Ordinance”, “September is Coastal Cleanup Month”, CCCWP “Report Illegal Dumping”
- August 2021 – Articles “Community Members can Help El Cerrito Maximize Street Sweeping Effectiveness”, “Friends of Five Creeks - Help Track Drought Effects On Your Own”, article promoting El Cerrito Green Teams Creekside Park Work Party and Citywide Garage Sale
- July 2021 – Article “Plastic Free July - A Note from the Recycling Desk”

El Cerrito City Manager Updates (Sent to all El Cerrito City Council, City Staff, and Posted Online)

- June 16, 2022 – Articles “Stormwater Permit Updates: New “MRP 3.0””, “Pharmaceutical Disposal 101”
- May 20, 2022 – Article promoting upcoming volunteer activities (Green Teams and Baxter Creek Cleanup events)
- April 18, 2022 – Articles “Celebrate Earth Day on April 23 and throughout April 2022!”, “Shop The Citywide Spring Garage Sale on Saturday, May 7”, “Tree City USA Signs Installed at City Limits”
- March 15, 2022 – Articles promoting Upcoming Volunteer Opportunities and the Citywide Garage Sale
- February 9, 2022 – Article “Street Tree Planting Program Update”, article promoting Spring Environmental Events
- December 22, 2021 – Articles “Illegal Dumping in El Cerrito and Contra Costa County”, “Update on Street Sweeping in El Cerrito”, “Volunteer at the Green Teams Broom Pull”
- November 18, 2021 – Article “Clean Water Program Annual Report Highlights & Potential NPDES Permit Changes”
- October 1, 2021 – Article “Help Prepare for Rainy Season”, "During a Drought – Conserving Water, Caring for Trees”, article promoting the Citywide Garage Sale
- September 3, 2021 – Articles “Changes to Garbage, Recycling & Organics Service & Proposed Expanded Foodware Ordinance, Public Meeting”, “September is Coastal Cleanup Month”
- August 6, 2021 – Article “Community Members can Help El Cerrito Maximize Street Sweeping Effectiveness”, articles promoting the Citywide Garage Sale and El Cerrito Green Teams Creekside Work Party
- July 2, 2021 – Article “During a Drought – Conserving Water, Caring for Trees”

Green Teams (City Environmental Quality Committee supported Work Parties)

- May 21, 2022 – Hillside Natural Area Invasive Plant Removal
- April 23, 2022 – Earth Day neighborhood cleanups and Hillside Natural Area Invasive Plant Removal
- March 26, 2022 – Hillside Natural Area Invasive Plant Removal
- August 15, 2021 – Creekside Park Cleanup

Events/Outreach

- Monthly – Baxter Creek Monthly Work Parties coordinated by Public Works Staff
  - 2021: July 11, August 1, September 12, October 3, November 7, December 5
  - 2022: January 9, February 6, March 6, April 3, May 1, June 5
- September 2021 – Coastal Cleanup Month, Promoted Self-guided Work Parties
- April/May 2022 – Regional "Bringing Back the Natives" event (conducted virtually)
- April 2022 – Earth Day Work Parties (Limited Number of Work Parties and no tabling due to COVID-19)
- May 2022 – Annual Hillside Festival

- May 2022 – Bike to Wherever Day (in-person tabling event)
- July 4, 2022 – July 4th Festival and Tabling Outreach

To make up for cancelled events, the City conducted additional outreach to support similar efforts virtually or for community members to participate on their own. For example: the City Council approved of a proclamation for Earth Day that encouraged residents and businesses to complete self-guided cleanups and stewardship activities around the City.

Please refer to Section 7 in the Countywide Program's FY 21/22 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign on the regional level.

C.7.c. Stormwater Pollution Prevention Education

No changes were made to the contact information or contact protocol from last year.

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**
Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement. **Guidance: Local agencies may refer to the CCCWP's Public Information and Outreach section for a description of events for which they may take credit. All other events conducted locally or done on behalf of only local agencies should be reported by those agencies.**	Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
"Bringing Back the Natives" Garden Tours and Green Home Tours– Completed Virtually and in-person on April 16 and 17, 2022. This program	The tour promotes the use of native plants in landscaping, water and resource conservation, alternatives to pesticide and fertilizer use,	El Cerrito continues to directly support Bringing Back the Natives and gardens are often located in El Cerrito. See the CCCWP FY 21-22 Annual

receives financial support from the City of El Cerrito through both the CCCWP and through direct City funding.	composting and attracting beneficial wildlife. In addition, the 2022 tours included a Green Home Tour where hosts shared their green home features with Tour registrants, and two online tour hosts shared theirs.	Report for a full description of the event and an evaluation of its effectiveness.
Through the Countywide Program, El Cerrito supported the "Our Water Our World" retail store outreach events that educate users of pesticides about low toxicity alternatives. The City also promoted Our Water Our World webinars and programs through the City's outreach channels.	An outreach program at retail stores to promote Integrated Pest Management and least toxic pesticide alternatives. The program emphasizes the connection of pesticide use with water quality.	Fact sheets are displayed strategically in pesticide aisles of hardware stores and nurseries. See the CCCWP FY 21-22 Annual Report for a full description of the event and an evaluation of its effectiveness.
Baxter Creek Monthly Work Day- Occurs on the 1st Sunday of most months. This is a local event to promote resident stewardship of El Cerrito creeks.	Public Works staff leads monthly creek clean-up and invasive plant removal work with a focus on clean water; staff and volunteers discuss clean water issues and BMPs.	A dedicated corps of five volunteers has participated in this event since 2012. They are joined intermittently by other volunteers of varying levels of commitment. Staff and an average of seven volunteers removed a conservative average of 76 gallons of trash litter per event from an approximately 700-foot length of creek.
Coastal Clean-up Month September 2021	At Creek Locations Citywide in September 2021. The City of El Cerrito Environmental Quality Committee in conjunction with the California Coastal Commission and the Watershed Project invited residents to participate in Coastal Cleanup Month. The 2021 event was DIY for the entire month of September with participants asked to enter collection data into an on-line app "Clean Swell". Residents visited Cerrito Creek, Baxter Creek, and their tributaries along the Ohlone Greenway to remove trash before it washed into the Bay during the rains.	Data collected through the Clean Swell app was inconclusive unlike FY 2020/21 with widespread Clean Swell app use. The California Coastal Commission categorization, measurement and reporting protocol was followed through collaboration with The Watershed Project and City staff. Members from the City's Environmental Quality Committee, Friends of Five Creeks and other community groups participated.
Annual El Cerrito Earth Day Celebration in April 2022. (Event adjusted due to COVID-19)	A limited number of in-person work parties, as well as a City Council proclamation and other volunteer efforts.	This year, in lieu of an organized event, the City Council passed a resolution and encouraged volunteers to improve the local environment independently, through self-guided work parties and other efforts. A small number of work parties were also held.

El Cerrito Green Teams conduct bimonthly On-Land Clean-ups at various high trash generating locations throughout the City. These local litter removal events are led by volunteer "Green Teams", supported by the City. The 2021/22 cleanup work day dates were: • June 5, 2022 – Baxter Creek Park • May 21, 2022 – Hillside Natural Area Invasive Plant Removal • April 23, 2022 – Earth Day neighborhood cleanups and Hillside Natural Area Invasive Plant Removal • March 26, 2022 – Hillside Natural Area Invasive Plant Removal • February 20, 2022 – Cerrito Creek Cleanup • October 16, 2021 – El Cerrito's Northern Entryways Cleanup • August 15, 2021 – Creekside Park Cleanup	Remove litter from public rights of way, landscapes and creeks. In some events, the focus is on removing invasive plant species, around creeks, and in other natural areas.	Average 6 participants per clean up event; the team reported a conservative average of 180 gallons of trash litter removed per litter clean-up event, total 360 gallons in 2021/22.
City of El Cerrito, Citywide Events • Annual 4th of July Festival • Bike to Wherever Day May 20, 2022	Outreach materials from the CCCWP were distributed at these two events.	The 4th of July Festival is one of the City's most successful and widely attended events. The event took place in 2022 for the first time since the pandemic began and was a very successful event. Bike to Work Day is also a great opportunity for the Public Works department to connect with different members of the community.
Through the Contra Costa Clean water program additional outreach activities were undertaken in El Cerrito including Mr. Funnelhead virtual School Events, web and social media outreach, promotion of the Green Business Program, and more. Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the regional events and activities undertaken on behalf of the City of El Cerrito and other permittees.		

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:

El Cerrito participated through the Contra Costa County Clean Water Program in the Contra Costa Watershed Forum, the Green Business Program, and the CCCleanWater.org Community Calendar. El Cerrito directly supports the County Green Business program as a dues-paying member. In addition, the City also works with local volunteer groups and non-profits to host litter removal and creek clean-up events.

These include:

- El Cerrito Environmental Quality Committee's (EQC) bi-monthly on-land clean-ups
- The City of El Cerrito Urban Forest Committee hosts community events, including tree plantings. This year, during Arbor Week (3/7-3/14), a tree was planted with Harding Elementary School students.
- Friends of Five Creeks regularly hosts community events around the City's creeks and natural areas
- Regular Baxter Creek workdays with an ad-hoc volunteer group perform on the first Sunday of every month
- Coastal Clean-up Month in September 2021 was self-guided

Refer to the CCCWP's FY 21-22 Annual Report section C.7 Public Information and Outreach section for a full description of the countywide and regional efforts.

C.7.f. ►School-Age Children Outreach

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.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
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.

Watershed Action Program- Kids for the Bay, Environmental Education Through Action. Fairmont Elementary School (A Local El Cerrito activity)	In FY 21/22, El Cerrito continued its direct financial support of this in-school, water quality outreach program that includes lessons on the watershed, estuary and bay models, the storm drain system, marine debris, harmful pesticides, water conservation and an on-land clean-up activity with students, parents, and teachers. This year, the students were engaged in hands-on learning, completed a Waste Reduction Action Project, and attended a bus field trip to the Berkeley Marina.	The program reached two classes, totaling 46 students from Fairmont Elementary, as well as their 2 teachers and families.	Kids for the Bay worked with two classes in El Cerrito in FY 21/22, reaching 46 students and two teachers. Students in El Cerrito gained important knowledge about their local watershed and how to protect it. They also shared their knowledge with other classes of students, teachers, and family members, and inspired environmental stewardship throughout their school community. As a result of the program, El Cerrito students are able to have a positive and fun experience while learning about how to protect watersheds and sharing the information with their parents and friends. See attachment C.7.f El Cerrito School Age Children Outreach: Kids for the Bay Report 2021/22.
Please also refer to the C.7 Section of the countywide program's FY 21-22 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.			

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?	X	**Yes**		**No**

If no, explain:

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and **suggest reasons for increases in use of pesticides that threaten water quality**, 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[53]

Pesticide Category and Specific Pesticide Active Ingredient Used	**Amount**[54]					
	FY 16-17	**FY 17-18**	**FY 18-19**	**FY 19-20**	**FY 20-21**	**FY 21-22**
Organophosphates	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
Pyrethroids (see footnote #54 for list of active ingredients)	0	0	0	0	0	0
Active Ingredient Type X	0	0	0	0	0	0
Active Ingredient Type Y	0	0	0	0	0	0
Carbamates	0	0	0	0	0	0
Active Ingredient Carbaryl	0	0	0	0	0	0
Active Ingredient Aldicarb	0	0	0	0	0	0
Fipronil	0	0	0	0	0	0

[53]Includes all municipal structural and landscape pesticide usage by employees and contractors.
[54]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.

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**
Indoxacarb	0	0	0	0	0	0
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:

N/A

IPM Tactics and Strategies Used:

For rodent control, the City employs building exclusion methods, snap traps, mechanical mole and gopher traps and owl nesting boxes at City facilities.

For weed control the City uses sheet mulches, arbor mulch, hand weeding, mowing and, as a last resort, reduced-risk herbicides selectively applied to targeted weeds. In June 2019, the City instituted a moratorium on the use of glyphosate (the active ingredient in Roundup®) in all public landscapes. While El Cerrito had previously kept glyphosate use to a minimum, over the past three years, the City has increased the use of alternative weed management strategies with some success and is continuing its commitment to using the least toxic, effective weed control methods. The predominant strategy has been to prevent weeds from growing and reproducing by sheet mulching, hand digging, and weed whipping or cutting the plants down. However, these methods are labor intensive. The City does spray weeds with organic and exempt herbicides that "burn down" the tops of targeted weeds though the efficacy of this application is mostly limited to emerging young weeds. Timing for each of these strategies is critical to remove invasive plant growth before their flowers have matured and set seed. The City continually consults with the University of California Department of Agriculture and Natural Resources Cooperative Extension service and other integrated pest management (IPM) practitioners to learn more about the least toxic alternatives to glyphosate for effective management of invasive weeds.

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.	1
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	1
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.	100%

Type of Training:

The Environmental Programs Manager (IPM Coordinator) maintains a Qualified Applicators License with the Department of Pesticide Regulations and participates in eligible CEUs. The IPM Coordinator provided training to the employee that applied an Exempt herbicide. The City IPM coordinator participates in a regional IPM Coordinators group which includes the UC Extension IPM advisor and he serves on the Contra Costa County IPM Advisory Committee.

Bay Friendly Qualified: Seven (7) of the City of El Cerrito Public Works staff members are qualified and the City's landscape contractors (Rubicon Landscaping, Brightview Landscape Management, and New Image Landscaping) have Bay Friendly Qualified staff who service the City of El Cerrito landscapes.

C.9.c ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	Y	**Yes**		**No**
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	Y	**Yes**		**No,**

If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

All pesticide applications performed on City properties must first be approved by the City of El Cerrito IPM Coordinator. The IPM Coordinator reviews pesticide alternatives with contractor prior to pesticide application approval. City landscape contractors and pest control operators sign an IPM agreement that requires adherence to the IPM Decision Making Steps and to consult with the City IPM Coordinator before making pesticide applications and to report to the City all pesticides used in the City of El Cerrito.

The City is in contract with an Eco-Wise Certified structural Pest Control Operator who uses the lowest toxicity, reduced risk traps and baits after excluding points of egress in the buildings being serviced. Applications of reduced risk pesticides are made only after monitoring indicates that tolerance thresholds have been exceeded. All treatments were reviewed prior to application.

Alternative pest control methods required by the City of contractors include, but are not limited to pest exclusion, baits, traps, mowing, hand removal, sheet mulching, and mulching. The City encourages application of Organic Institute Materials Review Institute (OMRI) certified materials for pest management.

Comments: N/A

C.9.d ►Interface with County Agricultural Commissioners

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,	Y	Yes		No
If yes, summarize the communication. If no, explain. The City's IPM Coordinator is a member of the Contra Costa County IPM Committee on which the County Agricultural Commissioner also serves. The City's IPM Coordinator participates in a regional IPM Coordinators group quarterly meetings where he receives input and assistance on urban pest management practices. Refer to the CCCWP's FY 2021/2022 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner				
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.	X	**Yes**		**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. A member of the public reported the spray application of an exempt herbicide in windy conditions by a City landscape contractor. The IPM Coordinator instructed and corrected the landscape contractor.				

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.

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, we 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 **Trash Full Capture Systems** (as reported C.10.b.i)	68%
Percent Trash Reduction in all TMAs due to **Control Measures Other than Trash Full Capture Systems** (as reported in C.10.b.ii)[55]	14%
Percent Trash Reduction due to **Jurisdictional-wide Source Control Actions** (as reported in C.10.b.iv)	5%
Subtotal for Above Actions	**87%**
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	10%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	N/A
Total (Jurisdiction-wide) % Trash Load Reduction through FY 2021-22	**97%**

Discussion of Trash Load Reduction Calculation: El Cerrito has reached an estimated trash load reduction due to the following actions:

- Installation of 164 Full Trash Capture Devices (FTCDs) and Low Impact Development (LID) facilities
- Regular, robust creek-clean-up activities at three locations removed 112 cubic yards of trash litter from creeks in 2021/22 which translates to a 10%reduction with the approved formula. (See sections C.10.b.ii and C.10.e below for details.)
- The City is including the annual total litter removed through On-Land Clean-ups from TMA's 1, 2 and 3 of 282 cubic yards of trash where the jurisdictional FTCD installation is not supported by existing infrastructure.
- On Land Visual Assessments in 2021/22 were performed 6 (six) times each in nine (9) TMA 3 locations resulting in medium high, medium and low trash generation assessments, demonstrating the effectiveness of the city's control measures other than full trash capture systems in these areas and yielding a 14.3% trash reduction.
- Business and community compliance with El Cerrito's 2014 Single Use Plastic Bag Ordinance and Expanded Polystyrene Food Service Ware Ordinance.

[55] 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.

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.

Outside of these actions, the City is also making other efforts to reduce litter. El Cerrito Municipal Code 8-06, also known as the El Cerrito Smoking Pollution Protection Ordinance, was adopted in 2014 to prevent smoke pollution and cigarette butt litter. The Ordinance prohibits outdoor smoking in all public places throughout the City, including sidewalks and recreation areas. The City has performed outreach to businesses and multi-family housing units and has posted “Smoke Free El Cerrito” signs on all business district and major arterial streets. The efficacy of this ordinance is still unknown, and therefore it has not been included in trash load reduction estimates. However, it is quite likely that this ordinance is reducing the number of littered cigarette butts in the City of El Cerrito.

Additionally, the City adopted an Expanded Food Ware Ordinance in November 2021. The ordinance phases out single-use plastic foodware items in the city and encourages the use of reusable and compostable containers to help protect waterways, promote environmental sustainability, and reduce waste. The ordinance applies to all food providers in the city and prohibits products such as non-compostable, non-reusable straws, eating utensils, and food containers. The Expanded Food Ware Ordinance has potential to measurably reduce plastic litter and waste in El Cerrito. The Ordinance went into effect July 1, 2022, and therefore has not been included in the current trash reduction calculations.

C.10.a.iii ► Mandatory Trash Full Capture Systems

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.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 21-22		
Connector Pipe Screens	70	207
Baskets	79	102
LID Facilities	13	14
Other Full Trash Capture Systems	1	5
Installed in FY 21-22		
Connector Pipe Screens	1	2
Total for all Systems Installed To-date	**164**	**331**
Treatment Acreage Required by Permit (Population-based Permittees)		**32**
Total # of Systems Required by Permit (Non-population-based Permittees)		**NA**

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	0.7	164	No plugged /blinded systems = 0% 32% of units were > 50% full	The City continues to monitor maintenance reports for device defects and for greater than 50% capacity reached. Repairs and service have been made when necessary to assure full trash capture. Increased service frequency is scheduled for 2022/23
2	10.0			
3	36.7			
4	4.7			
5	8.5			
6	2.1			
7	1.2			
8	0.5			
9	0.1			
10	NA			
NJ El Cerrito	NA			
NJ El Cerrito	2.7			
Total	67.6			

Certification Statement:

The City of El Cerrito certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in 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	**Creek and On-Land clean-ups have** increased in frequency and participation since January 2012. Staff removes litter twice weekly from the 650' length of daylighted Cerrito Creek banks and pathways adjacent to El Cerrito Plaza (shopping center). The City also hosts periodic Green Team volunteer litter removal events as well as an annual Coastal Clean-up day at this location.
2	**Improved Trash Bin management:** 8 new waste receptacles were added in 2017/18 on the Ohlone Greenway to the 25 receptacles that were installed along San Pablo Avenue in 2010. All are serviced at least 2x weekly or more frequently as needed. **Increased outreach to residents and businesses** with information about plastic bag and food ware regulations and street sweeping schedules since 2013/14. **On-Land Clean-ups:** Staff and contractors removed an average of 455 gallons of litter per week from San Pablo Avenue and 280 gallons per week from the Ohlone Greenway including emptying the waste receptacles installed in 2017/18.
3	**Improved Trash Bin management:** 25 new waste receptacles were installed along San Pablo Avenue in 2010 and are serviced 3X weekly or more frequently as needed. The City also installed additional trash cans around the BART stations and along the Ohlone Greenway, as part of the Ohlone ASP project completed in 18/19. **Increased outreach to residents and businesses** with information about plastic bag and food ware regulations and street sweeping routes since 13/14. **Creek and On-Land Clean-ups:** A. creek cleanups:12 Baxter Creek Gateway Park clean-ups in 2021/22 resulted in 912 gallons of litter removed. B. On Land Clean-ups: Contract staff removed litter 2x weekly from San Pablo Avenue averaging 280 gallons/week and from the Ohlone Greenway averaging 455 gallons/ week (total 735 gallons average).
4	**Increased outreach to residents and businesses** with source control and Clean Water BMP information included in the City's newsletter, garbage bill inserts, brochures, and website conveying the message "only rain down the drain", information on the City's plastic bag and food ware regulations, and the street sweeping schedules since 2013/14.
5	**Improved Trash Bin Management:** 8 new waste receptacles were added in 2017/18 on the Ohlone Greenway to the 25 receptacles that were installed along San Pablo Avenue in 2010. All are serviced at least 2X weekly or more frequently as needed. **Increased outreach to residents and businesses** about trash/litter and Clean Water BMP information, included in the City's newsletter, garbage bill inserts, brochures, and website conveying the message "only rain down the drain", and information about plastic bag and food ware regulations, and the street sweeping schedules since 2013/14.
6	**Creek and On-Land clean-ups at lower Cerrito Creek and neighboring streets** have increased in frequency, clean-up area and volunteer participation since 2012 but has diminished somewhat since the onset of COVID-19. The creek and neighboring streets have been the site of the City's California Coastal Cleanup event since 2016. The 2021 event was Do-It-Yourself and unlike FY 2020/21, trash collection data was inconclusive due to diminished participation in the Clean Swell app. Green Teams hosted two events and removed 360 gallons of trash litter in FY 2021/22 **Increased outreach to residents and businesses** with trash litter information, source control and Clean Water BMP information included in the City's newsletter, garbage bill inserts, brochures, and website conveying the message "only rain down the drain" and the street sweeping schedules since 2013/14. **Improved Trash Bin**

	Management: The City also installed additional trash cans around the BART stations and along the Ohlone Greenway, as part of the Ohlone ASP project completed in 18/19.
7	**Increased outreach to residents and businesses** with Clean Water BMP information included in the City's newsletter, garbage bill inserts, brochures, and website conveying the message "only rain down the drain", information on the City's plastic bag and food ware regulations and the street sweeping schedules since 2013/14.
8	**Improved Trash Bin Management:** since 2012, the City has increased the frequency of service to its park trash and recycling containers to at least twice weekly.
9	**Monitor local school properties** to assure compliance within their jurisdictional property
10	**Increased outreach to residents and businesses** with Clean Water BMP information included in the City's newsletter, garbage bill inserts, brochures, and website conveying the message "only rain down the drain", information on the City's plastic bag and food ware regulations and the street sweeping schedules since 2013/14.

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 **and state why:** ☐ **Explanation:**

TMA ID or (*as applicable*) Control Measure Area	**Total Street Miles[56] 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	0.10	0.00	0.00	0	0.0
2	0.18	0.00	0.00	0	0.0
3	1.04	0.19	18.28%	6	14.3%
4*	0.00	NA	NA	NA	0.0
5	0.18	0.00	0.00	0	0.0
6	0.59	0.00	0.00	0	0.0
7	0.93	0.00	0.00	0	0.0
8	0.01	0.00	0.00	0	0.0
9	0.48	0.00	0.00	0	0.0
10	0.01	0.00	0.00	0	0.0
NJ El Cerrito1*	0.00	NA	NA	NA	0.0
NJ El Cerrito2*	0.00	NA	NA	NA	0.0
Total		**0.2**	**5**	**6**	**14.3%**

[56] Linear feet are defined as the street length and do not include street median curbs.

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	El Cerrito's Single-Use Bag Ordinance went into effect on January 1, 2014. It banned the use of single-use plastic bags by all retailers and required a minimum charge of $0.05 on all single-use paper or reusable bags. The minimum charge was increased by ordinance to $0.10 on January 1, 2016. The purpose of the Ordinance is to reduce the prevalence of all types of single-use bags (paper or plastic) distributed in El Cerrito, and therefore also reduce their presence as litter in City streets, gutters, storm drains, creeks and waterways. The full Ordinance and other details can be found online at http://el-cerrito.org/802/Single-Use-Bag-Ordinance-Summary	El Cerrito assesses the effectiveness of the Single-Use Bag Ordinance based on the number of businesses that are reported and/or observed to be non-compliant with the Ordinance. This reporting-based enforcement strategy was approved by the City Council at the time the Ordinance was adopted, and the public and businesses are educated about the policy and enforcement strategy via multiple City newsletters on a regular basis. City Staff promptly respond to any reports of non-compliance. Staff discovered two retailers subject to the terms of the Ordinance that were non-Compliant with the Ordinance and made appropriate outreach, education and follow-up visits.	Implementation of the Ordinance to date indicates that a minimum of 90% of affected businesses are in compliance with the Ordinance. Per the Environmental Impact Report conducted by RecycleMore the Single-Use Bag Ordinance would reduce single-use plastic bags by 95%; staff is proposing a more moderate 75% reduction for this reporting period. Based on a maximum trash reduction of 8% from a single-use bag ordinance like El Cerrito's, the 75% anticipated single use bag reduction, and the City's minimum 90% assumed compliance rate, El Cerrito calculates a 5.4% (8% x 75% x 90%) available trash load reduction attributable to the implementation of the Single-Use Bag Ordinance. The City of El Cerrito was an early adopter of the Source Control program and the positive impacts it has on load reduction. Given the current forecast from the Water Board regarding credits that will be given to Permitees in the next Permit; the City is shifting its focus in this report to show the efforts made in this Section and rely on the approved calculator in the other Sections in C.10 to achieve compliance and the 100% reduction goal.	2%

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 or Policy	El Cerrito's Food Ware Ordinance went into effect on January 1, 2014. It banned the use of expanded polystyrene (EPS) foam food ware from use by all food service businesses. The purpose of the Ordinance is to eliminate the use of EPS food ware, and therefore also reduce the presence of EPS as litter on City streets, in gutters, storm drains, creeks and waterways. The full Ordinance and other details can be found online at el-cerrito.org/foodware In FY 21-22, the City adopted an Expanded Food Ware Ordinance. The ordinance phases out single-use plastic foodware items in the city and encourages the use of reusable and compostable containers to help protect waterways, promote environmental sustainability, and reduce waste. The ordinance applies to all food providers in the city and prohibits products such as non-compostable, non-reusable straws, eating utensils, and food containers. The Expanded Food Ware Ordinance has potential to measurably reduce plastic litter and waste in El Cerrito. Note, the City is not proposing to take credit for the Expanded Foodware Ordinance this reporting period.	El Cerrito monitors the effectiveness of the Food Ware Ordinance based on the number of businesses that are reported and/or observed to be non-compliant with the Ordinance. This reporting-based enforcement strategy was approved by the City Council at the time the Ordinance was adopted, and the public was educated about the enforcement strategy via multiple newsletter outlets between September 2013 and Spring 2014. Additional outreach has also been conducted around the Expanded Foodware ordinance. City Staff respond quickly to any reports of non-compliance and work with the business to comply with the ordinance.	Implementation of the Ordinance to date indicates that a minimum of 90% of affected businesses are in compliance with the Ordinance. Because the Ordinance affects all providers of prepared food in El Cerrito, the City anticipates that the Ordinance will reduce EPS foam food ware litter by a minimum of 75%, assuming full compliance. Based on a maximum trash reduction of 6% from a food ware ordinance like El Cerrito's, the 75% minimum anticipated EPS food ware reduction predicted by the City, and the City's minimum 90% compliance rate, El Cerrito calculates an available trash load reduction attributable to the implementation of the Food Ware Ordinance of 4.05%. The City of El Cerrito was an early adopter of the Source Control program and the positive impacts it has on load reduction. Given the current forecast from the Water Board regarding credits that will be given to Permitees in the next Permit; the City is shifting its focus in this report to show the efforts made in this Section and rely on the approved calculator in the other Sections in C.10 to achieve compliance and the 100% reduction goal.	3%

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	Volume of Trash Removed (cubic yards)					
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Cerrito Creek- 300 feet below the Adams Street MS4 outfall pipes: Lat. 37.898 x Long. -122.302	N	9/14/2021	.20 Cubic Yards	.18 Cubic Yards	.05 Cubic Yards	.08 Cubic Yards	.30 Cubic Yards	.11 Cubic Yards

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**
Summary: The City made no new changes to its Long-Term Trash Load Reduction Plan in FY 2021/2022. However, in 2020 Caltrans approved a significant joint jurisdiction trash reduction project that will treat 751 acres of El Cerrito drainage area with a hydrodynamic separator (HDS) unit to be located in the City of Richmond. The project is currently in the design phase with construction anticipated to begin in 2023. This was an unplanned addition to El Cerrito's compliance efforts but the fruition of on-going collaborative relationships between public agencies. This project status is Tier One, funded. Future long-term trash load reduction strategies will be assessed and prioritized based on the effectiveness of this project and the requirements of MRP 3.0. With the trash load reduction credit changes issued in the 2015 Permit, the City's Long Term Trash Reduction strategy was modified to rely less on On-Land Clean-ups and more on FTCD installation where infrastructure allows and on Visual Assessments where supporting infrastructure is absent. In FY 2015/16, El Cerrito modified the 2009 Baseline Trash Generation Rates in seven (7) Trash Management Areas based on the results of On-Land Visual Assessments at random locations in targeted TMAs over the course of six months. These on-land assessments were conducted by an independent contractor. Please see revised TGR map attachment C.10.d Long-Term Trash Load Reduction Plan Map. Additionally, through FY 21-22, the City continued the incremental installation of one more Full Trash Capture Devices (FTCDs) in order to meet the trash reduction goals of the permit. In July 2021, the City installed one (1) FTCD. The City's ability to install FTCDs is limited by a fixed number of jurisdictional storm drain inlets. In general, the west side of San Pablo Avenue drains into City of Richmond storm drain inlets; El Cerrito continues to seek collaborative, inter-agency installation opportunities. In 2021/22 the City performed On Land Visual Inspections six (6) times at nine (9) sites in these areas where there are no available jurisdictional drain inlets and determined the trash generation rates to be slightly elevated at one assessment point (but substantially lower than the rates that were assigned in 2013 at all other assessment points).	**3 and 7**
The Trash Generation Rate in TMA 1 was previously (FY 2015/16) changed from High to Medium after verification of conditions during three separate Visual Trash Assessments conducted at random locations in the TMA over the course of six months. This TMA is mostly one large privately owned commercial development. The City also verified that in addition to the street sweeping and litter policing that is contracted multiple times per week in this TMA by the property owner, there are Full Trash Capture Devices covering more than 90% of the drain inlets on the property.	1
Certain areas of TMA 3 with High Trash Generation rates were previously changed (FY 2015/16) to Medium after verification of conditions during three separate Visual Trash Assessments conducted at random locations in the TMA over the course of six months. In FY 2021/22 the City conducted six (6) additional On Land Visual Assessments in 9 locations which verified medium and low trash generation rates.	3

Trash Generation Rates were previously changed (FY 2015/16) in TMA 4 from High to Medium and low based on verification of conditions during three separate Visual Trash Assessments conducted at random locations in the TMA over the course of six months.	4
Certain areas of TMA 5 with High Trash Generation rates were previously changed (FY 2015/16) to Medium after verification of conditions during three separate Visual Trash Assessments conducted at random locations in the TMA over the course of six months.	5
Visual Assessments conducted at random locations in the TMA over the course of six months verified lower actual Trash Generation Rates in TMAs 6 and 7, previously changing (FY 2015/16) some areas from Medium to Low.	6 and 7
TMA 8, El Cerrito City Parks, also received Visual Trash Assessments conducted at random locations in the TMA over the course of six months and were previously changed (FY 2015/16) from Medium to Low.	8

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)	A. 12 Monthly (first Sundays) Baxter Creek Gateway Park volunteer clean-ups in 2021/22 averaged 76 gallons litter removed, resulting in in an annual total of 912 gallons or approximately 5 cubic yards* B. 50 Weekly City Staff Creek Clean-ups in FY 2021/22 on 650 linear feet of Cerrito Creek at El Cerrito Plaza and 780 linear feet of lower Cerrito Creek west of Adams Street were reported to have removed an average 298 gallons /week resulting in an annual total of 15,173 gallons or approximately 85 cubic yards C. 50 Weekly Staff Creek Clean-ups on 750 linear feet of Baxter Creek at Gateway Park were reported to have removed an average of 70 gallons / week resulting in an annual total of 3,500 gallons or approximately 20 cubic yards. D. Green Team volunteer creek cleanup events on August 15 and February 20, yielded an additional 2 cubic yards of trash collected from Cerrito Creek. E. Coastal Clean-up yielded an unconfirmed amount during self-guided DIY as recordings in the Clean Swell App were inconclusive this year.	113 cubic yards	10%

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.

	* Note: 174 dry gallons = 1 Cubic Yard Using the formula: 1% Reduction Offset (Volume) = $(12A_{VH(2009)} + 4A_{H(2009)} + A_{M(2009)})$* OF The City of El Cerrito has calculated an offset of 44.72% based on the formula, taking credit for the maximum of 10%. Community involvement in volunteer events and consistency at the City level continue to show El Cerrito's commitment to meet or exceed Permit requirements for the benefit of the greater community. The City of El Cerrito, in line with current Permit allowances, is claiming a reduction for these efforts for FY 2021/22. Please see attached for the full offset calculation for the reporting period.		
Direct Trash Discharge Controls (Max 15% Offset)	None.	**0**	**0**

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	0	32	0	0	32	4	28	0	0	32	0.7	4	28	0	0	32	0.0	0.7
2	6	19	14	0	39	30	7	2	0	39	10.0	30	7	2	0	39	0.0	10.0
3	10	66	64	0	140	99	23	18	0	140	36.7	133	7	1	0	140	14.3	51.0
4	15	10	5	0	30	30	0	0	0	30	4.7	30	0	0	0	30	0.0	4.7
5	4	25	11	0	40	33	4	3	0	40	8.5	33	4	3	0	40	0.0	8.5
6	65	20	1	0	86	74	12	0	0	86	2.1	74	12	0	0	86	0.0	2.1
7	25	27	0	0	53	32	20	0	0	53	1.2	32	20	0	0	53	0.0	1.2
8	34	3	0	0	37	37	0	0	0	37	0.5	37	0	0	0	37	0.0	0.5
9	6	8	0	0	14	7	7	0	0	14	0.1	7	7	0	0	14	0.0	0.1
10	1770	0	0	0	1771	1771	0	0	0	1771	NA	1771	0	0	0	1771	NA	NA
NJElCerrito1	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	NA	NA
NJElCerrito2	0	0	4	0	4	4	0	0	0	4	2.7	4	0	0	0	4	0.0	2.7
Totals	**1936**	**212**	**99**	**0**	**2247**	**2122**	**101**	**24**	**0**	**2247**	**67.6**	**2156**	**85**	**6**	**0**	**2247**	**14.3**	**81.9**

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[57] 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

All facilitation, organization, and collection of mercury containing devices in El Cerrito are coordinated by the West Contra Costa Integrated Waste Management Authority (RecycleMore – www.recyclemore.com). Through the efforts managed by RecycleMore, El Cerrito's residents and businesses are able to drop off mercury containing devices at the Richmond Household Hazardous Waste (HHW) Facility located at 101 Pittsburg Ave., Richmond, Wednesday through Saturday from 9 a.m. to 4 p.m. In addition, starting in June 2017 the City and RecycleMore implemented a one day per week Household Hazardous Waste drop-off service at the El Cerrito Recycling Center.

Residents are also able to drop off mercury-containing lamps and bulbs at the El Cerrito Recycling + Environmental Resources Center (RERC) at 7501 Schmidt Lane, El Cerrito, every day the facility is open. In FY 2020, the City of El Cerrito also entered into a multi-year agreement with Contra Costa County that allows residents in the unincorporated community of Kensington to drop of mercury-containing lamps and bulbs to the RERC at no direct cost to the customer. Additionally, in an update to the City's Franchise Agreement with the City's contract hauler East Bay Sanitary Service area residents are now able to call for curbside collection of universal and electronic waste up to three times a year for no additional cost.

Seniors and disabled residents are able to have their mercury containing devices collected from their individual residents by contacting the HHW facility and making an appointment. Please refer to the FY 2021/22 CCCWP Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area, including the Richmond HHW facility.

[57]BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

El Cerrito promotes collection of mercury containing devices at the HHW Facility, at the RERC, and at individual residences (for seniors and disabled) on its website (www.ecrecycling.org), via online newsletters and printed brochures available at the RERC, and through daily customer service interactions at the RERC. RecycleMore also promotes these services on its website, via printed brochures, and at events. The CCCWP's website promotes these efforts and provides information to residents for the collection and recycling of thermometers, thermostats, switches and bulbs at their nearest household hazardous waste facility.

A summary of CCCWP and regional accomplishments for this sub-provision, including a brief description of actions taken, and 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 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[58] 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.

[58] 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.

The City of El Cerrito continues to look for opportunities to site new green infrastructure projects and works to ensure existing green infrastructure projects are well maintained and functioning properly. Please note, the CCCWP's accounting methods in the Annual Report only include projects that have been completed after FY 13/14. As a result, a number of successful early projects in the City of El Cerrito are not included in that accounting.

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: In FY 21/22, the City of El Cerrito is not aware of any building permit applications that include the use of architectural copper. In the past, City Staff have worked with the Countywide Program's Municipal Operations Committee to develop a BMPs handout for architectural copper which had been distributed to El Cerrito's Building and Planning Staff to be used in guiding building permit applications that include the use of architectural copper.

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: The City is not aware of any pools, spas, or fountains that use copper in any form. The El Cerrito Community Pool does not use copper in any form as the quality of the EBMUD supplied water and the other treatment methods do not require its use.

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: No such facilities are known to exist in El Cerrito. The City contracts for commercial and industrial facilities inspections with West County Wastewater District (WCWD) whose staff is trained to recognize equipment, devices or procedures that could be sources of copper. As part of their routine inspection, they look for any evidence of improper maintenance of such devices and to inquire with facility operators regarding their handling and disposal methods. 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.

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 El Cerrito employs Bay Friendly Landscape maintenances practices in the care and maintenance of all City parks and facilities.
In FY 21/22, the City continued to conserve irrigation water and to prioritize repairs to irrigation system leaks. In FY 19/20, the City of El Cerrito also completed a public process to develop a Public Tree and Shrub Ordinance, approved by the El Cerrito City Council in July 2019, which includes a provision that states: "When planting Trees and Shrubs in Public Places, the City shall evaluate the use of native species and drought tolerant plants, where possible." In addition, the City of El Cerrito's Urban Greening Plan, adopted December 2015, contains recommended planting palettes for native, near native, climate appropriate, draught tolerant plants to help guide developers of new properties.

Through the CCCWP, the City promoted and implemented 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.
- City Staff participated in a training (May 24, 2022) focused on Low Impact Development design and maintenance coordinated by the Contra Costa County Clean Water Program.

The City also completed outreach to promote water conservation and other similar messages through City articles and publications.
Please also refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of the Countywide Program's FY 2021-22 Annual Report for additional information.

El Cerrito CWP Inventory - July 2022

Name	Address	City	Program Category
10-Minute Speed Oil Change	10175 San Pablo Ave	El Cerrito	Vehicle Service
11965 San Pablo Ave, LLC	11965 San Pablo Ave	El Cerrito	Property Mngt
24 Hour Fitness	10636 San Pablo Ave	El Cerrito	Pool
A New Concept Laundromat	11940 San Pablo Ave	El Cerrito	Laundry-Com.
A Taste of Ethiopia	11740 San Pablo Ave B	El Cerrito	Food Service
AK Food Corner operating at Del Norte BART Station	6400 Cutting Blvd	El Cerrito	Food Service
All Star Donuts	3070 El Cerrito Plaza	El Cerrito	Food Service
Allway Concrete Pumping	Kearney Street	El Cerrito	Contractor
Alty Bay Area 2	10252 San Pablo Ave	El Cerrito	Property Mngt
Antonio's Garage	11847 San Pablo Ave B	El Cerrito	Vehicle Service
Armadillo Pizza	10180 San Pablo Ave	El Cerrito	Food Service
AT&T Store	4010 El Cerrito Plaza	El Cerrito	Retail
Auto Import Sales	11280 San Pablo Ave	El Cerrito	Vehicle Sales
Bale Vietnamese Deli	10174 San Pablo Ave	El Cerrito	Food Service
Banana Leaf Thai	11880 San Pablo Ave	El Cerrito	Food Service
Bank of the West Plaza	11100 San Pablo Ave	El Cerrito	Property Mngt
Barnes & Noble	6050 El Cerrito Plaza	El Cerrito	Retail
Barney Mc Bear's Social Club (formerly The Sky Lounge)	10458 San Pablo Ave	El Cerrito	Food Service
Baskin Robbins Ice Cream #2003	10598 San Pablo Ave	El Cerrito	Food Service
Bay Cities Paving & Grading	Richmond Street	El Cerrito	Contractor
Bay Strength	6525 Fairmount Ave	El Cerrito	Commercial
Berkeley Country Club	7901 Cutting Blvd	El Cerrito	Golf Course
Best Burritos	10390 San Pablo Ave	El Cerrito	Food Service
Best Gas And Car Wash	10602 San Pablo Ave	El Cerrito	Gas Station
Blue Moon Saloon	9937 San Pablo Ave	El Cerrito	Bar Only
Brasil Bistro	11866 San Pablo Ave	El Cerrito	Food Service
Burger King #6021	6021 Central Ave	El Cerrito	Food Service
Cafe N!ne	11100 San Pablo Ave 105	El Cerrito	Food Service
Cerrito Galleria	10370-98 San Pablo Ave	El Cerrito	Property Mngt
Cerrito Printing, Inc.	1600 Kearney Street	El Cerrito	Commercial
Chef's Chinese Food	233 El Cerrito Plaza	El Cerrito	Food Service
Chevron Station #1750	11319 San Pablo Ave	El Cerrito	Gas Station
Chipotle Mexican Grill	9901 San Pablo Ave	El Cerrito	Food Service
Church's Chicken #185	11575 San Pablo Ave	El Cerrito	Food Service
Colliers International	11500 San Pablo Ave	El Cerrito	Property Mngt
CVS Drugs	10650 San Pablo Ave	El Cerrito	Retail
CVS Drugs	670 El Cerrito Plaza	El Cerrito	Retail
Daiso Japanese	7000 El Cerrito Plaza	El Cerrito	Retail
D'Arcy Harty Construction spoils yard	1718 Eastshore Blvd	El Cerrito	Contractor
Del Norte Center	11299 San Pablo Ave	El Cerrito	Property Mngt
Del Norte Place	11720 San Pablo Ave	El Cerrito	Property Mngt
Denny's	11344 San Pablo Ave	El Cerrito	Food Service
Donut Time	10740 San Pablo Ave	El Cerrito	Food Service
El Cerrito Community Center	7007 Moeser Lane	El Cerrito	Pool
El Cerrito Corporation Yard	7500 Schmidt Lane	El Cerrito	Fleet Operations
El Cerrito Heating & Sheet Metal	1518 Kearney Street	El Cerrito	Commercial
El Cerrito Plaza	160 San Pablo Ave	El Cerrito	Property Mngt
El Cerrito Recycling Center	7501 Schmidt Lane	El Cerrito	Recyling
El Cerrito Steel Products	1424 Kearney Street	El Cerrito	Warehouse
El Mono	11720 San Pablo Ave	El Cerrito	Food Service
El Mono Peruvian	10264 San Pablo Ave	El Cerrito	Food Service

Elevation 66 Brewing Company	10082 San Pablo Ave	El Cerrito	Food Service
European Auto Center	10269 San Pablo Ave	El Cerrito	Vehicle Service
Fat Apple's	7525 Fairmount Ave	El Cerrito	Food Service
Foreign Auto Clinic	6315 Stockton Ave	El Cerrito	Vehicle Service
former Rob's Automotive	10192 San Pablo Ave	El Cerrito	Property Mngt
Former Union 76 Station	11615 San Pablo Ave	El Cerrito	Property Mngt
Frannie Express Hawaiian Barbecue	11775 San Pablo Ave	El Cerrito	Food Service
Gangnam Tofu	11740 San Pablo Ave C	El Cerrito	Food Service
Giovanni's Market	1600 Liberty Street	El Cerrito	Grocery Store
Grocery Outlet	12020 San Pablo Ave	El Cerrito	Grocery Store
Happy Garden Restaurant	11265 San Pablo Ave A	El Cerrito	Food Service
Hasanna Oriental Foods	10028 San Pablo Ave	El Cerrito	Grocery Store
Hawaiian BBQ	9935 San Pablo Ave	El Cerrito	Food Service
Hi-tech Car Audio	10538 San Pablo Ave	El Cerrito	Vehicle Service
HK Home Kitchen	10140 San Pablo Ave	El Cerrito	Food Service
Honda Of El Cerrito	11755 San Pablo Ave	El Cerrito	Vehicle Service
IHOP El Cerrito	11511 San Pablo Ave	El Cerrito	Food Service
Jack In The Box	5920 Cutting Blvd	El Cerrito	Food Service
Jay Vee Center	10544 San Pablo Ave	El Cerrito	Property Mngt
Jesus Auto Upholstery	3501 Carlson Blvd	El Cerrito	Vehicle Service
JLL	11500 San Pablo Ave	El Cerrito	Property Mngt
Katana-Ya Ramen	10546 San Pablo Ave	El Cerrito	Food Service
Larb Thai	10166 San Pablo Ave	El Cerrito	Food Service
Legacy Partnership Group	9895 San Pablo Ave	El Cerrito	Property Mngt
Little Caesar's Pizza	11299 San Pablo Ave	El Cerrito	Food Service
Little Kathmandu	10386 San Pablo Ave	El Cerrito	Food Service
Lucky's	1000 El Cerrito Plaza	El Cerrito	Grocery Store
Marshall's Dept Store	10794 San Pablo Ave	El Cerrito	Retail
Marty's Motor	10929 San Pablo Ave	El Cerrito	Vehicle Service
McDonald's	11821 San Pablo Ave	El Cerrito	Food Service
Melgards Mall	10734-50 San Pablo Ave	El Cerrito	Property Mngt
Mel-o-dee Club	240 El Cerrito Circle	El Cerrito	Food Service
MOD Pizza	5040 El Cerrito Plaza	El Cerrito	Food Service
Moeser Lane Shopping Center	10680 San Pablo Ave	El Cerrito	Property Mngt
Mountain Mike's Pizza	10750 San Pablo Ave	El Cerrito	Food Service
Mr. Pickle's Sandwich Shop	10810 San Pablo Ave 20	El Cerrito	Food Service
Nation's Foods, Inc.	1437 Kearney Street	El Cerrito	Food Service
Nations Giant Hamburgers #21	6060 Central Ave	El Cerrito	Food Service
Nong Thon Vietnamese	10086 San Pablo Ave	El Cerrito	Food Service
Noodles Fresh	10042 San Pablo Ave	El Cerrito	Food Service
Ok Cleaners & Laundry	6109 Potrero Ave	El Cerrito	Dry Cleaner
Olivero Plumbing Company, Inc.	11360 San Pablo Ave	El Cerrito	Manufacturing
O'Reilly Auto Parts	10680 San Pablo Ave	El Cerrito	Retail
O'Reilly Auto Parts	9989 San Pablo Ave	El Cerrito	Retail
Panda Express	5020 El Cerrito Plaza	El Cerrito	Food Service
Pastime Ace Hardware	10057 San Pablo Ave	El Cerrito	Retail
Peet's Coffee & Tea	9895 San Pablo Ave	El Cerrito	Food Service
Peppermint Tree Plaza	10158 San Pablo Ave	El Cerrito	Property Mngt
Peter Hansen	10069 San Pablo Ave	El Cerrito	Property Owner
PG&E Substation	7140 Schmidt Ave	El Cerrito	Utility
Pic N Pac Liquors	10012 San Pablo Ave	El Cerrito	Retail
Pizza Roma	10616 San Pablo Ave	El Cerrito	Food Service
Plaza Auto Service	6801 Fairmount Ave	El Cerrito	Vehicle Service
Popeyes Chicken	10125 San Pablo Ave	El Cerrito	Food Service

Quickly	3080 El Cerrito Plaza	El Cerrito	Food Service
R & R Auto & Towing Service	6700 Fairmount Ave	El Cerrito	Vehicle Service
R C Imports	6501 Fairmount Ave	El Cerrito	Vehicle Service
Red Onion Restaurant	11900 San Pablo Ave	El Cerrito	Food Service
Rialto Cinemas	10070 San Pablo Ave	El Cerrito	Commercial
Romano's Macaroni Grill	8000 El Cerrito Plaza	El Cerrito	Food Service
Rubios Fresh Mexican Grill	5010 El Cerrito Plaza	El Cerrito	Food Service
Safeway Store #2940	11450 San Pablo Ave	El Cerrito	Grocery Store
Sasa Kitchen	10350 San Pablo Ave	El Cerrito	Food Service
Shields Nursing Center	3230 Carlson Blvd	El Cerrito	Healthcare
Smog Depot	11847 San Pablo Ave A	El Cerrito	Vehicle Service
Starbucks #11861	11861 San Pablo Ave	El Cerrito	Food Service
Starbucks #3090	3090 El Cerrito Plaza	El Cerrito	Food Service
Steve's Auto Care	11820 San Pablo Ave	El Cerrito	Vehicle Service
Steve's Union 76 Service	3160 Carlson Blvd	El Cerrito	Vehicle Service
Subway Sandwiches	10398 San Pablo Ave	El Cerrito	Food Service
Subway Sandwiches	11430 San Pablo Ave	El Cerrito	Food Service
Super Stop Valero	11687 San Pablo Ave	El Cerrito	Gas Station
Taco Bell	11965 San Pablo Ave	El Cerrito	Food Service
Taqueria Salva-mex	11252 San Pablo Ave	El Cerrito	Food Service
Tashi Delek	11224 San Pablo Ave	El Cerrito	Food Service
The Junket	235 El Cerrito Plaza	El Cerrito	Food Service
TNB Properties	11858 San Pablo Ave	El Cerrito	Property Mngt
Trader Joe's	225 El Cerrito Plaza	El Cerrito	Grocery Store
Triple Net Investments LLC (forrner OSH Store)	1711 Eastshore Blvd	El Cerrito	Property Mngt
Uncle Wong's Restaurant	11760 San Pablo Ave	El Cerrito	Food Service
USPS Postal Annex	11245 San Pablo Ave	El Cerrito	Fleet Operations
Well Grounded Tea & Coffee	6925 Stockton Ave	El Cerrito	Retail
West Coast Autometrics	10200 San Pablo Ave	El Cerrito	Commercial
Wienerschnitzel	11101 San Pablo Ave	El Cerrito	Food Service
Wing Stop	340 El Cerrito Plaza	El Cerrito	Food Service
Yammy Sushi	195 El Cerrito Plaza	El Cerrito	Food Service
Yao-Ya San	10566 San Pablo Ave	El Cerrito	Grocery Store
Zomsa Indian & Himalayan Family Kitchen	10558 San Pablo Ave	El Cerrito	Food Service

WATERSHED ACTION PROGRAM
2021 – 2022 SCHOOL YEAR FINAL REPORT

PREPARED FOR
THE CITY OF EL CERRITO

KIDS for the BAY
1771 Alcatraz Avenue
Berkeley, CA 94703

Introduction

KIDS for the BAY (KftB) has completed the Watershed Action Program (WAP) with two classes in the City of El Cerrito during the 2021-2022 school year. This program reached forty-six students, their families, and two teachers. KftB Educator Alix Martin worked with the students at Fairmont Elementary School in El Cerrito. The students of El Cerrito were engaged in hands-on learning and were empowered to take action to protect their local watershed. The third grade teacher partners, Karley Umoro and Jennifer Kelso, were passionate about learning and teaching this meaningful curriculum throughout the program.

Summary of 2021-2022 Environmental Action Projects and field trips

The KIDS for the BAY WAP this year was delivered through engaging, hands-on watershed lessons, an Environmental Action Project, and a bus field trip to a local creek, bay, or delta habitat. In the interactive lessons and Action Projects, students gained important knowledge about their local watershed and how to protect it. They also shared their knowledge with other classes of students, teachers, and family members, and inspired environmental stewardship throughout their school community. The program culminated with a bay field trip to Berkeley Marina where students had the special opportunity to investigate the intertidal zone of the rocky shore, search for crabs and other bay organisms, do belly biology, and bird watch along the water's edge using binoculars.

The teachers at Fairmont Elementary were very thankful for the teaching support provided and eager for their students to engage in activities in the classroom and in the outdoors. Partner teachers learned exciting, hands-on approaches to watershed science education. Students were excited to become environmentalists by connecting with nature, engaging in scientific experiments, and taking environmental action in their own neighborhood and school community.

Waste Reduction Action Project

Environmental Action Projects provide students and teachers with the opportunity to become leaders in their schools and families and have a positive impact on the health of their watershed. The two third grade classes from Fairmont Elementary selected the Waste Reduction Action Project. In this project students learned about the negative impact of plastic pollution in our landfills, bays and oceans. Students identified solutions to this issue, made pledges and taught others about how to use the Five Rs (Reduce, Reuse, Recycle, Rot/compost and Refuse) to reduce plastic pollution.

<u>Action Project Preparation</u>
Fairmont students were very excited to help make a difference at their school. To introduce the Action Project, Ms. Alix brought a picnic sorting activity with lunch components that were very wasteful, somewhat wasteful, and low waste for the class to investigate. Many of the groups observed that ‘Lunchables’ created a lot of plastic pollution, and compared these to the metal,

reusable ‘Bento Boxes’ which did not create any waste. In groups, the students discussed alternatives that created less waste and how to reuse single waste items. Ms. Alix showed the class a video about a young environmentalist who helped fisher people reduce the number of fish nets that pollute their waterways in Florida. “I remember that picture from the plastic pollution lesson where the sea turtle was tangled in a fishing net,” shared Kai.

Poster-Making

On the day of the Action Project, Ms. Alix worked with the students to create posters they would share with their first grade buddy classes to get them excited about joining them for a trash cleanup project. Students worked in groups to make posters about plastic pollution, waste reduction, the Five Rs, and protecting wildlife. Both classes really enjoyed having this time to be creative and reflect on what they had learned throughout the program. While brainstorming a topic and poster design, Greewani told her group, “We learned about plastic being in small pieces and getting eaten by animals.” Addie came up to Ms. Alix and told her, “I want to add a message that will really make people think. I can change the world!” Many of the students had similar messages on their posters. They were excited to empower other students to help reduce trash and waste. The first graders loved learning from their third grade buddies about how to help the environment and they were very excited to join them for the trash cleanup project.

Field Trip to Berkeley Marina

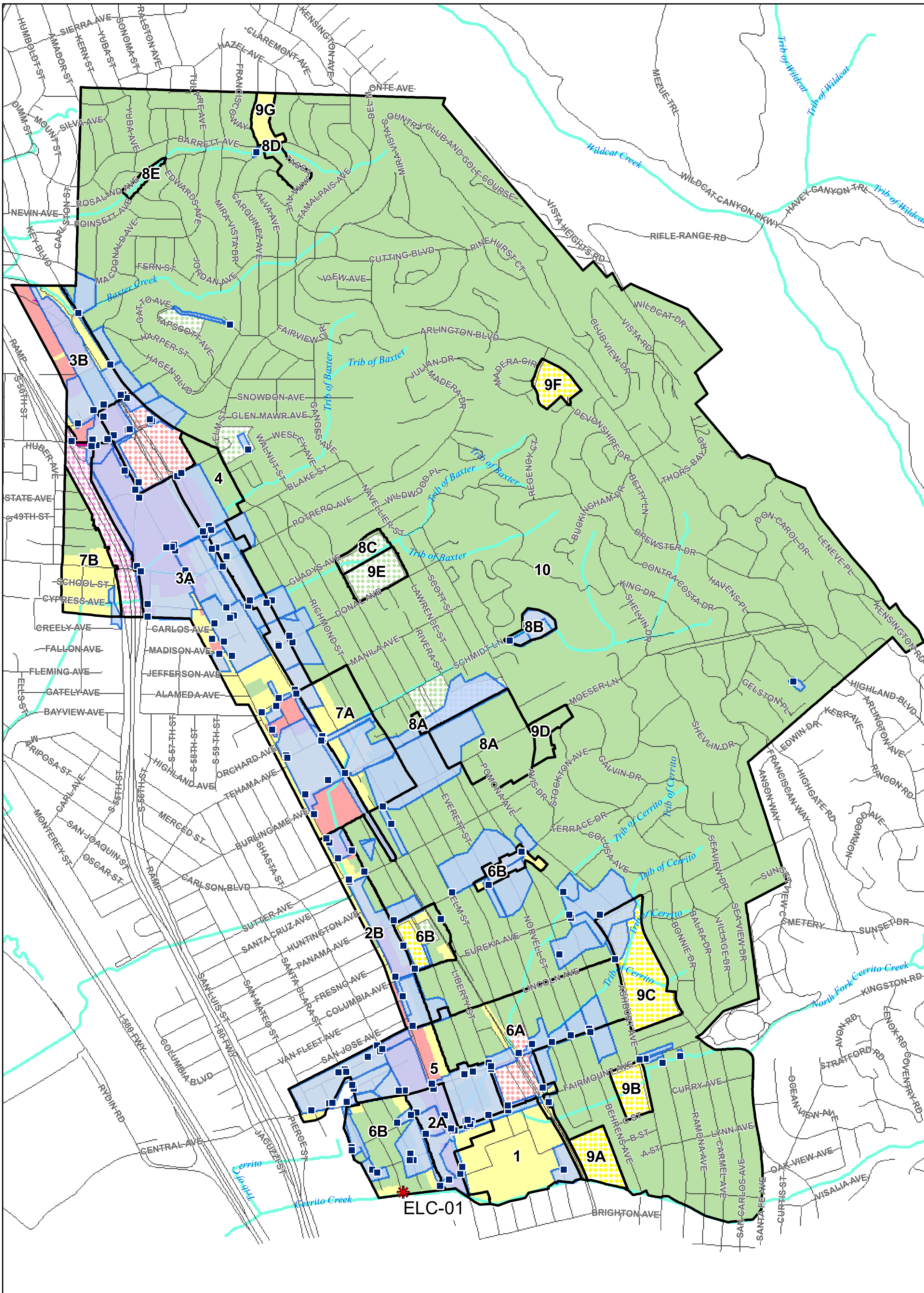
It was a bright and sunny day when Fairmont students arrived at the Berkeley Marina for their field trip. They jumped off the bus with huge grins on their faces. “We are so excited to be here! This is the first field trip of the year for many of our students,” shared class teacher Ms. Karley Umoru. “Wow this place is so beautiful, I can smell the bay!” exclaimed Aria.

The group gathered for a morning opening circle. They discussed how this special location was part of the San Francisco Bay. “The bay is right there and the water from it ends up in the Pacific Ocean,” shared Sean. For their first activity, the group made their way down to the rocky shore to start their bay organism investigation. Ms. Alix discussed low tides and how they expose a very special habitat. The students learned how to carefully and respectfully observe the living creatures, while still leaving them in their homes. “Wow look! This crab looks like the color of sand, maybe this is an adaptation to help them hide from predators,” explained Lincoln. Peter discovered a crab molt exoskeleton and flipped it over to get a closer look. “This crab looks different from the ones we studied in class which were males. This tail is rounded, so I think it is a female,” he said. Jin added, “I love being a scientist! Studying crabs is so fun!”

Next, the students made their way over to the marina to do Belly Biology and explore life under the dock. They were thrilled to discover sea squirts, skeleton shrimp, and sea sponges. “Wow the sea squirts are so cool looking, I didn’t expect them to be see-through,” exclaimed Brooklyn. The students especially enjoyed observing the different types of aquatic life on an abandoned boat buoy. “This boat must have been here for years in order for there to be all of this life here,” observed Felix. “The skeleton shrimp are so cool! It’s obvious now how they got their name,” said Denham.

The class also unexpectedly witnessed a circle of life moment with a raven and ground squirrel. During a game of adaptations tag, students noticed a raven swooping in and snatching a baby ground squirrel from its den. The raven and mother squirrel had a brief brawl before the raven won and flew away with the baby. “Woah, I have never seen anything like that in real life before!” said Kai. “It’s like the food chains we learned about in class except this one happened for real,” added Greewani. During the next round of adaptations tag Mikfung decided, “A safe adaptation would be to have no tail, because we just saw that having a tail means you can be taken away by predators more easily!”

Many students shared that they were very grateful for this special field trip day spent out in nature. “This was the best day of my life!” shared Peter.



El Cerrito Full Trash Capture and Trash Management Area Map

Trash Generation Category

- Low
- Medium
- High
- Very High

- Creek/Shoreline Hotspot
- Trash Management Area
- Full-Capture Location
- Full Trash Capture
- Non-Jurisdictional (Dot color = Generation Category)

- Streets
- Creeks
- Parcel Boundary
- Map Matchline

0 0.05 0.1 0.2 Miles

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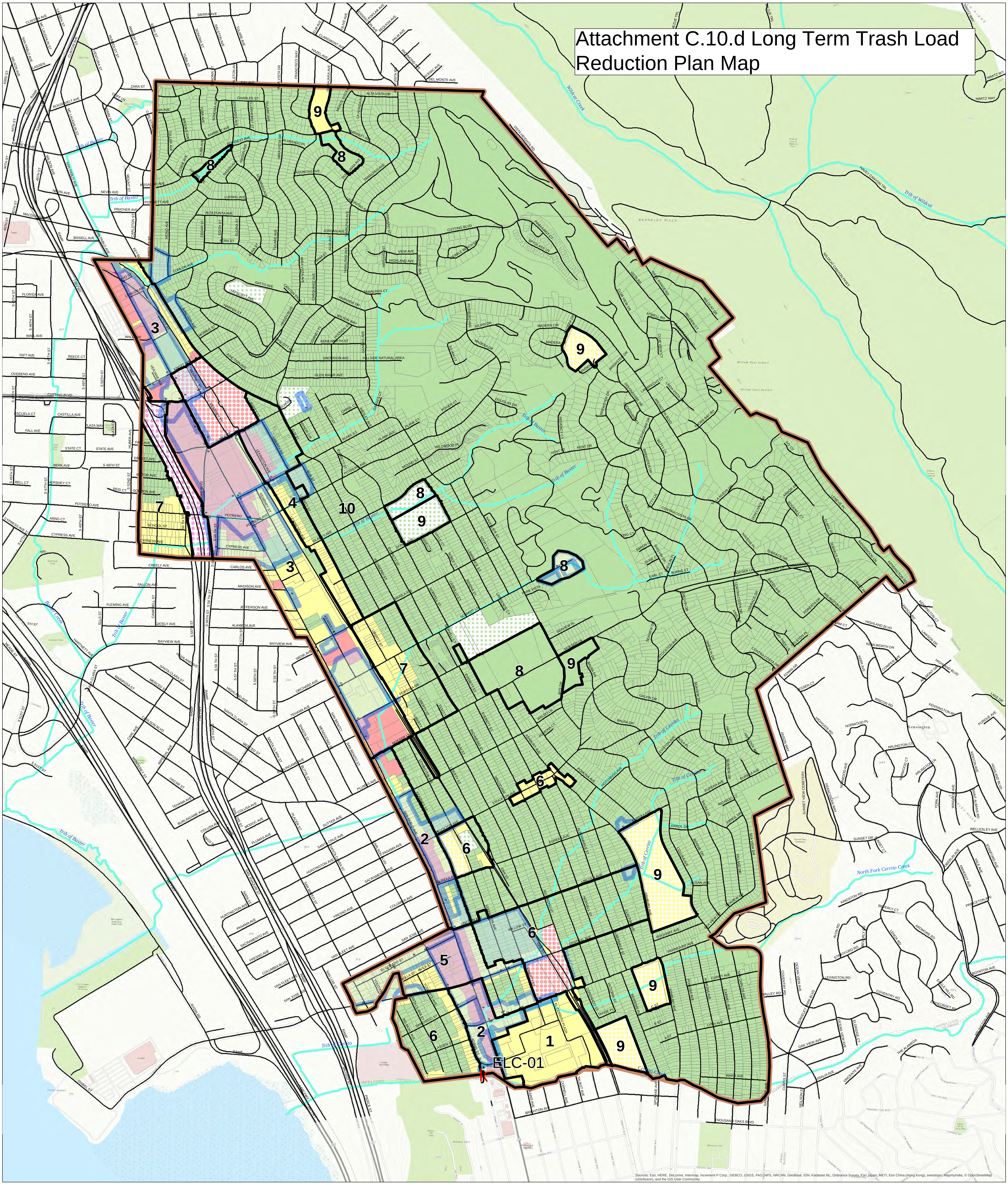
Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed. Map Created By CCCWP GIS

CONTRA COSTA CLEAN WATER PROGRAM

8/26/2022



EL CERRITO Full Trash Capture and Trash Management Area Map

Trash Generation Category

- Low
- Medium
- High
- Very High

- Creek/Shoreline Hotspot
- Trash Management Area
- Full-Capture Location
- Full Trash Capture
- Non-Jurisdicational (Dot color = Generation Category)

- Streets
- Agency Boundary
- Creeks
- Parcel Boundary

0 0.1 0.2 0.4 Miles

CONTRA COSTA CLEAN WATER PROGRAM

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 8/22/2016

Attachment C.10 – Offset Calculation for 2021/2022 Annual Report

El Cerrito- FY 2021/2022

	2009 Baseline Trash Generation				
	L	M	H	VH	Total
Total Acres	1,936	212	93	0	2,242

1% Reduction Offset (Volume) = $(12 * VH\ Acre_{2009} + 4 * H\ Acre_{2009} + M\ Acres_{2009}) * OF$

Formula = 212 + (4 x 93) = 584

Offset Factor = 7.5 x 0.01 = 0.75

To claim 1% reduction, the City needs to collect 438 dry gallons

In FY 2021/2022, El Cerrito collected 19,587 dry gallons = 112.57 cubic yards

(174 dry gallons = 1 cubic yard)

19,587 / 438 = 44.72%