



PUBLIC WORKS DEPARTMENT
(510) 215-4382

September 30, 2021

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

Dear Mr. Montgomery:

Enclosed is the Fiscal Year 2020-21 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

2020-21 Annual Report for the City of El Cerrito

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of El Cerrito				
Population:	25,962 (2020, U.S. Census Bureau)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2020 through June 2021				
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):	Stephen Prée	Title:	Environmental Programs Manager		
Department:	Public Works				
Mailing Address:	10890 San Pablo Avenue				
City:	El Cerrito	Zip Code:	94530	County:	Contra Costa
Telephone Number:	(510) 559-7685	Fax Number:	(510) 559-7682		
E-mail Address:	spree@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 163 Full Trash Capture systems installed through Fiscal Year (FY) 2020-21, spill response and clean-up, monthly Corp Yard Inspections, and IPM policy implementation.

In FY 2020-21, 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 20-21 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:		<input type="checkbox"/>	Yes
		<input checked="" type="checkbox"/>	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.			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas: N/A			

¹Rural 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):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a 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:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

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 24, 2020.

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 – 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.
- 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:

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
	Guidance: For example list if your yard includes general housekeeping, vehicle/equipment washing; vehicle/equipment maintenance & repair, fuel dispensing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/heavy equipment parking; employee parking, etc.			
City of El Cerrito	Activities at the El Cerrito Corp Yard include: <ul style="list-style-type: none"> • General housekeeping • No vehicle or equipment washing 	Monthly	During monthly inspections in FY20/21, 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.

<p>Public Works Maintenance Yard (7550 Schmidt Lane)</p>	<ul style="list-style-type: none"> • 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 <p>See site specific BMPs above.</p>			
<p>Same as above.</p>	<p>Same as above.</p>	<p>9/24/2020</p>	<p>An annual inspection was completed by West County Wastewater District on September 24, 2020. Written notes from the inspection state "BMPs in C.2.f requirements are being met", and state the following:</p> <ul style="list-style-type: none"> • Control of pollutant discharges to storm drains are used. The drain in the dirt area by the entrance had a debris catcher inside. Wattles will be placed before the rainy season starts. Wattles and filter fabric material were in place in the two drains at the other entrance to the yard • 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 absorbant is used for leaks, spills. Used absorbant 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. 	<p>N/A</p>

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.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Comments (optional): The majority of these sites are located in urban developed areas of the City, are close to public transportation, and the projects have applied for non-LID treatment under the provisions allowed for Special Projects and non-LID treatment.				

C.3.e.v ► Special Projects Reporting

1. In FY 2020-21, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
2. In FY 2020-21, 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.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	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 were 2 newly installed stormwater treatments projects within the reporting year. The following are the projects completed:

1. Branagh Development 1: 10300 San Pablo Ave, El Cerrito, CA 94530: Three (3) new Bioretention facilities and new pervious parking area and 100% LID treatment.
2. San Pablo Apartments (Playland I): 10963 San Pablo Ave, El Cerrito, CA 94530: 1 bioretention planter on the second-floor roof deck, and two ground floor bioretention planters and 100% 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 (FY19-20)	8
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 20-21)	10
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 20-21)	8
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 20-21)	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 2020 when the verification inspections were underway, the City had eight (8) regulated projects with installed stormwater treatment facilities. The additional 2 projects reported on C.3.h.v.(2) table above were only completed in the spring of 2021 and were not included on the annual review. These were mostly bio-retention facilities and one vault-based system. 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. The City had however issues with the facilities at 11450 San Pablo Avenue, a Safeway grocery store. There was a change in management of the grocery store and the contract landscaping company didn't maintain the facilities as stormwater treatment facilities. The city inspection identified plants that had died and that had not been replaced, the bioswale soils had been replaced by clay landscaping soils, planters were full of debris and garbage and poorly maintained, and the discharge from a pump on the dock area had been covered by soil and was no longer daylighting to the existing bioswale. These deficiencies were thoroughly documented and communicated by the City to the property owner's designated contacts. They were slow to respond to the City, despite repeated efforts, in part due to the COVID-19 pandemic. It took them over nine months to make required corrections.

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 for most of the sites in El Cerrito, however, we will have to reevaluate how many sites and facilities will be inspected by City staff and/or consultants as the number of sites increase every year and staff has been reduced due to budget impacts associated with COVID-19 and the loss of revenue.

**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:

- Regularly in FY2020-2021, 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.
- Staff provided a report to the El Cerrito City Council on April 6, 2021 giving an overall update regarding the City's Clean Water Program and noting the City's recently adopted Green Infrastructure Plan. Previously, in April 2018 and 2019, City Staff reported to the City Council and the public, on the elements of a Green Infrastructure Plan and staff relayed how the City would develop and implement a Green Infrastructure Plan by September 2019 in accordance with the requirements of MRP 2.0, articulating that it will prioritize potential Green Infrastructure Projects to be built for the incremental reduction of stormwater pollutants.
- The City continued to coordinate with the San Francisco Estuary Partnership (SFEP) on implementation of the San Pablo Avenue Green Stormwater Spine Project. This demonstration project was completed in the Spring of 2021 and brings a new prominent green infrastructure project to El Cerrito, including bioretention and flow-through planters. The facility is one of a number of select sites along San Pablo Avenue within El Cerrito, as well as Oakland, Emeryville, Berkeley, Albany, Richmond, and San Pablo. The project also included interpretive signage installed during this reporting period.

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

- Greener El Cerrito Print Newsletter (sent to every property address as a garbage bill insert):
 - Spring/Summer 2021 – San Pablo Avenue Green Spine Project
 - Fall 2020 – Article “San Pablo Ave. Green Spine Project Under Way”

- Green Happenings City Environmental E-Newsletter (Sent out monthly to 1,000+ recipients)
 - March 2021 – “San Pablo Avenue Green Stormwater Spine Project - Construction Update”
 - January 2021 – Article “New Development Brings Cleaner Stormwater through Green Infrastructure”

- El Cerrito City Manager Updates (Sent to the El Cerrito City Council, City Staff, and Posted Online)
 - March 5, 2021 – Article “Hidden in Plain Sight – What is Green Infrastructure”
 - February 4, 2021 – Article “San Pablo Avenue Green Stormwater Spine Project – Construction Update”
 - December 17, 2020 – Article “New Development Brings Cleaner Stormwater”
 - September 3, 2020 – Article “Clean Water Program Annual Report Summary and Highlights”

City Staff also attended the following related trainings:

- 2021 C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop
 - CCCWP sponsored a workshop, “Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities,” held on May 11, 2021. Due to COVID-19, the workshop was held online via Zoom webinar and included a panel made up of experienced municipal stormwater staff (Phil Hoffmeister, City of Antioch; Frank Kennedy, Kennedy and Associates; Jolan Longway, City of Pittsburg; Ryan Cook, City of Walnut Creek, and Rod Wui, City of San Ramon), who led an interactive discussion of six key topics in LID implementation

- Mapistry's Industrial Stormwater Training
 - Training for Public Works Staff held on September 17, 2020 to review stormwater BMPs related to the Recycling Center's Industrial General Permit and more generally.

Please refer to the CCCWP's FY 20-21 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).
<p><u>Background Information:</u> 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.</p> <p>The City used the process identified in the BASMAA May 6, 2016 document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects".</p>
<p><u>Summary of Planning or Implementation Status of Identified Projects:</u></p> <p>See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.</p>

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.
As outlined in section C.3.j.i.(5)(d), considerable outreach efforts were conducted through newsletter articles, Council reports, and through coordination across departments and across agencies to promote Green Infrastructure at the local level. Outcomes included completion of the San Pablo Avenue Green Spine project in El Cerrito in this reporting year and identifiable improvements to proposed regulated projects that are planned for development. Please refer to CCCWP's FY 20-21 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 CCCWP's FY 20-21 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) Hampton Inn & Suites Hotel	11615/11645 San Pablo Avenue	Nick Patel	N/A -Not being constructed in phases	Multi-story, 124-room Hotel, basement and ground level parking, and ground floor common use areas such as reception, lobby, and breakfast area.	SF Bay- Cerrito Creek Watershed	0.99	0.99	13,939.2	24,394	24,394	38,332.8
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.											

⁴Include cross streets

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

⁶Project 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.

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

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

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

¹⁰For redevelopment projects, state the pre-project impervious surface area.

¹¹For 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) Hampton Inn & Suites Hotel	On April 24, 2019 the application was determined to be completed	On May 1, 2019 the design review board approved with conditions regarding the Stormwater Control Plan (SWCP). SWCP approved on November 3, 2019. In June of 2021 during building permit review, the project had some of the treatment areas adjusted and a new SWCP was submitted and reviewed. This report has the latest values updated from last year's reporting.	Mark inlets with stenciling; interior floor drain and elevator shaft drain to sewer; interior parking garage drained to planters; building designed with features to discourage entry of pests; landscaping to minimize irrigation runoff and use of pesticides and fertilizers; site refuse indoors and with signs to not dump hazardous materials; fire sprinkler test water to drain to sewers.	Special Project: Treatment of 95% of the runoff will be treated by IMP, the other 5% will not be treated due to difficulty to drain, such as a bus turnout at road and curb ramps at the public right of way. Although the project is eligible for Treatment Reduction Credits, in consideration of the City's Green Infrastructure Plan, The project will install rain gardens on San Pablo Avenue to treat public streets an additional 8% of area for a total of 103% of the total disturbed area	3 bioretention facilities; 5 self-treating areas with planters, pervious pavers areas and added green infrastructure	O&M Agreement	2c	N/A	N/A	Not required as project is less than one acre.

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

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

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

¹⁵List 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.

¹⁶List 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.).

¹⁷List 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.

¹⁸See 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).

¹⁹For 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.

²⁰For 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.

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

²²If HM control is not required, state why not.

²³If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

**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.										

²⁴For public projects, enter the plans and specifications approval date.

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

²⁶List 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.

²⁷List 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.).

²⁸List 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.

²⁹See 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).

³⁰For 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.

³¹For 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.

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

³³If HM control is not required, state why not.

³⁴If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed³⁵ 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)
10300 San Pablo Ave	10300 San Pablo Avenue	Home Owners Association	3 Bio-retention basins
San Pablo Apartments (Playland I), now known as Cerrito Vista Apartments	10963 San Pablo Avenue	Cerrito Vista Landscape Maintenance crew	3 Bio-retention basins

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

³⁶State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2020 - June 30, 2021												
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

³⁷Date 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.

³⁹Type 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.

⁴¹For 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.

⁴³List 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.

Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁴	Status ⁴⁵	Description ⁴⁶	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁷	LID Treatment Reduction Credit Available ⁴⁸	List of LID Stormwater Treatment Systems ⁴⁹	List of Non-LID Stormwater Treatment Systems ⁵⁰
1) Hampton Inn & Suites Hotel	City of El Cerrito	11615/11645 San Pablo Avenue	On April 24, 2019 the application was determined to be completed	On May 1, 2019 the design review board approved with conditions regarding Stormwater Control Plan (SWCP). SWCP approved on November 3, 2019. The SWCP was revised in June 2021 with final building permit review.	Multi-story, 124-room hotel, basement and ground level parking, and ground floor common use areas such as reception, lobby, and breakfast area.	0.99	N/A	2.32	Category A: N/A Category B: N/A Category C: Location within 1/4 mile Density: FAR 2.0 Parking: Zero (all garage parking)	Category A: N/A Category B: N/A Category C: Location 50% Density: 10% Parking: 20%	95% - Bioretention Facilities	5%- No treatment (at driveway apron and street bus stop area) Applicant proposed rain garden to treat San Pablo Avenue flows in excess of C.3 requirements.

⁴⁴Date that a planning application for the Special Project was submitted.

⁴⁵ 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.

⁴⁶Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁷ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁸For 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.

⁴⁹: 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.

⁵⁰List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Special Projects Narrative

1) Hampton Inn Hotel – 11645 San Pablo Avenue

The project has been approved as indicated above and is currently under building permit review. The proposed Hotel will be located on the northwest corner of the intersection of Cutting Blvd and San Pablo Ave. The parcel is zoned Transit Oriented High-Density Mixed Use. The Hotel is proposed to be five stories. The project will consist of 124 hotel rooms, a parking garage in the basement and additional parking on the main level. A 1,175 square-ft plaza is being developed near the intersection of San Pablo and Cutting Boulevard. The proposed stormwater control plan is proposing 95% LID with the addition of a green infrastructure facility to treat public waters from San Pablo Ave. Because the site is located across the street from BART, it is a transit-oriented class C Special Project, and only 50% of the site is required to be LID. The submitted project feasibility assessment states that the project will be divided into 15 drainage management areas and treated through 7 bio-retention planters, 5 self-treating areas with planters and pervious pavers areas. The Stormwater Control Plan was revised to include bio-swales in the public right of way and to treat waters from San Pablo Ave, increasing the LID treatment to 103% of the disturbed area.

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location⁵¹	Project Description	Status⁵²	GI Included?⁵³	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁵⁴
Swim Center Capital Enhancements at the parking lot	The project includes ADA improvements to pool stairs and ADA improvements to the parking lot will start design this fiscal year	Under design	TBD	The potential to include green infrastructure measures as part of the ADA parking lot improvements will be assessed in FY2021-22.
Storm Drain Program	The City is in the process of completing a comprehensive Storm Drain Master Pan that not only analyzes the storm drain system to identify deficiencies in system capacity and condition and develop improvement projects and costs for the improvements needed, but also has used this study to help identify opportunities for GI	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 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	Under Design (95%)	Yes	Disperse runoff from Impervious surface onto adjacent vegetated area.

⁵¹ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁵² Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁵³ 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.

⁵⁴ 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.

<p>Del Norte TOD Complete Streets Improvements</p>	<p>Construction of new and enhanced bicycle and pedestrian facilities to regional transit at El Cerrito del Norte BART Station and TOD, bus and vehicle circulation improvements, and streetscape elements</p>	<p>Preliminary Engineering</p>	<p>TBD</p>	<p>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. Practicality of implementation is pending further assessment of feasibility, incremental cost, and availability of funding. The facilities have also been included in the City's Green Infrastructure Plan.</p>
<p>Parks & Recreation Facilities Master Plan</p>	<p>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.</p>	<p>Adopted by City Council in April 2019</p>	<p>Yes</p>	<p>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.</p>

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects			
Project Name and Location⁵⁵	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
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, Eureka Avenue and Liberty Street	Upgrade a portion of park with new, more accessible paths; enhanced gathering spaces; improved children's play area; and improved landscaping and amenities	Construction completed March 2019	Dispersed runoff from impervious surface onto adjacent vegetated area and use of new pervious surface under playing structures
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 in June 2021	Bio-retention facility will treat street flows on San Pablo Ave and Moeser Lane and adjacent new sidewalk and bike lane.
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.	Complete (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.	Complete (2010)	Bio-retention facility

⁵⁵ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

In FY 2020/21, West County Wastewater District (WCWD) performed forty-six (46) inspections or re-inspections of various business types across the City of El Cerrito, with five (5) follow-up or enforcement follow-up inspections. There were three (3) Written Notices 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.

After an initial disruption of work due to 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 2020/21. In this reporting period ten (10) inspections were moved or “closed” due to a temporary or permanent business closure.

El Cerrito Maintenance, Recycling, and Environmental Staff and Contractors completed a SWPPP training on September 17, 2020.

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 20-21 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.	
<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	51
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))	4
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. In one instance, a potential pollutant discharge was resolved within 10 days, but due to the severity of the sanitary sewer overflow and the length of time it took to fully resolve, an NOV was issued and the City invoiced the business for cost recovery associated with the response.	

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) ⁵⁶	Number of Enforcement Actions Taken
Level 1	Verbal Warning/Warning notice/education for exposure due to BMP deficiency	3
Level 2	Notice of Violation due to clear evidence of recent, but not current, discharge	1
Level 3	Formal Enforcement (Administrative Penalties, Cost Recovery)	1
Level 4	Legal Action and/or referral to State and Federal Agencies	0
Total		5

⁵⁶Agencies 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 ⁵⁷	Number of Actual Discharges	Number of Potential Discharges
Gas Station	0	1
Retail	0	1
Food Service	1	1
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	May 25, 2021	The CCCWP hosted one Industrial and Commercial Stormwater Inspection Training Workshop in Fiscal Year 2020/21. Due to COVID-19, the workshop was held virtually (via Zoom) on May 25, 2021. The workshop had 50 attendees and topics consisted of:	WCWD-2	WCWD-100	N/A	N/A

⁵⁷List your Program's standard business categories.

		<ul style="list-style-type: none"> • The Basics of Routine Inspection; • Stormwater Regulatory Overview; • Anatomy of Enforcement; • Inspection Photo Review; and • Jurisdictional Clarity 				
Commercial and Industrial Stormwater Inspection Training Workshop	July 29, 2020	Outline available through CWP	WCWD-2	WCWD-100	N/A	N/A
C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop	May 11, 2021	CCCWP sponsored a workshop, "Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities," held on May 11, 2021. Due to COVID-19, the workshop was held online via Zoom webinar and included a panel made up of experienced municipal stormwater staff (Phil Hoffmeister, City of Antioch; Frank Kennedy, Kennedy and Associates; Jolan Longway, City of Pittsburg; Ryan Cook, City of Walnut Creek, and Rod Wui, City of San Ramon), who led an interactive discussion of six key topics in LID implementation. Participants were asked to complete a feedback form. The workshop had approximately 109 registrants, and 80-85 participants in the webinar. Feedback was received from 62 responses that were all positive.	El Cerrito-1	N/A	N/A	N/A
SWPPP Industrial Training	September 17, 2020	Stormwater BMP training for City staff in Public Works Maintenance and Recycling Operations.	N/A	N/A	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-five (25) illicit discharges during the 2020/21 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 20-21 Annual Report for a description of activities conducted at the countywide and regional level.

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

Summary of any changes made during FY 20-21:
 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))	25
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	17
Discharges resolved in a timely manner (C.5.d.iii.(3))	25

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. In one case, there was a discharge associated with a sanitary sewer overflow that took multiple days to fully cease and repair, in which case the City responded proactively until resolved. An NOV was issued to the relevant property owner and the City recovered costs associated with the response.

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)
# 5	# 8	# 3	# 11
<p>Comments:</p> <p>The larger than (1) acre sites were the PG&E-El Cerrito G Substation still ongoing project, and two (2) multi-unit housing development projects, including: 11600 San Pablo Ave (Mayfair Project) and 10300 San Pablo Ave (Branagh Development Triplet 1). Five (5) of the eight (8) 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 Permits 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). Some of these sites were not active a good portion of the fiscal year due to the COVID-19 pandemic but the City continued to conduct drive through inspections intermittently to verify that the BMP's were being maintained. The City had also to deal with its own challenges with COVID-19, with staff working remotely and with loss of revenues and laying off staff, so more informal drive-throughs inspections were performed instead of formal ones with the presence of contractor on these sites. These informal drive through inspections were not documented on the table above.</p> <p>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.</p> <p>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.</p>			

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

	Enforcement Action (as listed in ERP) ⁵⁸	Number Enforcement Actions Issued
Level 1 ⁵⁹	Verbal Warnings/Warning Notice/Education	2
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		2

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.	
<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
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)	2
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.	

⁵⁸Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁹For 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. The city had many challenges in this last fiscal year due to COVID-19. The city had most of its staff working remotely, suffered from budget cuts, and staff have been laid off due to loss of revenues during the pandemic. 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. This excel spreadsheet has been improved from previous years. However, tracking this year was difficult as a result of challenges presented by COVID-19.
- 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 20-21 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 Inspectors Workshop	N/A	To assist Contra Costa Permittees to comply with MRP Provision C.6.f.ii., CCCWP sponsors training for permittee construction inspection staff on a biennial basis. The previous biennial training was in FY 2019/20. The next biennial training will be in FY 2021/22.	N/A
C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop	5/11/2021	CCCWP sponsored a workshop, "Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities," held on May 11, 2021. Due to COVID-19, the workshop was held online via Zoom webinar and included a panel made up of experienced municipal stormwater staff (Phil Hoffmeister, City of Antioch; Frank Kennedy, Kennedy and Associates; Jolan Longway, City of Pittsburg; Ryan Cook, City of Walnut Creek, and Rod Wui, City of San Ramon), who led an interactive discussion of six key topics in LID implementation.	1 EC Staff (1 inspectors)
C.4 Stormwater Inspector Training Workshop	7/29/2020	The CCCWP hosted one Industrial and Commercial Stormwater Inspection Training Workshop in Fiscal Year 2019/20. Due to COVID-19, the workshop was delayed and held virtually (via Zoom) on July 29, 2020. The workshop included presentations on the following topics: <ul style="list-style-type: none"> • A Case Study: PCBs Tracking at a Metal Recycling Facility • Illicit Discharges: Residential RVs and Stormwater • Senate Bill 205 Presentations focused on details of PCBs detection and referral, outreach and strategies for addressing waste from recreational vehicles being used as homes, and the new inspection and enforcement process for facilities subject to the Statewide General Permit for Storm Water Discharges Associated with Industrial Activities, Order 2014-0057-DWQ (Industrial General Permit or IGP) due to SB205.	1 EC Staff (0 inspectors)
C.4 Stormwater Inspector Training Workshop	5/25/2021	The CCCWP hosted one Industrial and Commercial Stormwater Inspection Training Workshop in Fiscal Year 2020/21. Due to COVID-19, the workshop was held virtually (via Zoom) on May 25, 2021. The workshop had 50 attendees and topics consisted of: <ul style="list-style-type: none"> • The Basics of Routine Inspection; • Stormwater Regulatory Overview; • Anatomy of Enforcement; • Inspection Photo Review; and • Jurisdictional Clarity 	1 WCWD Inspector

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 more limited in FY2020/21, the City was still able to host some socially distanced in-person events (e.g., volunteer work parties), 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 2021 – San Pablo Avenue Green Spine Project article
- Spring/Summer 2021 – Announcements for Bringing Back the Natives, the City’s Public Tree and Shrub Ordinance requirements, HHW Collection, and Green Teams Cleanup events
- March 2021 (Commercial Edition) – Article “New Statewide Rodenticide Prohibition”
- March 2021 (Commercial Edition) – Article “New Regulations for Treated Wood Waste”
- Winter 2020/2021 – HHW Collection and El Cerrito Green Teams Cleanup event promotion
- November 2020 (Commercial Edition) - Article “Help the City Prepare for the Rainy Season”
- Fall 2020 – Article on Public Works Emergency Response including how to report illicit discharges
- Fall 2020 - Article “Preparing for the Rainy Season”
- Fall 2020 – Article “San Pablo Ave. Green Spine Project Under Way”
- Fall 2020 – Article on Glyphosate Moratorium
- Spring/Summer 2020 – Expanded Foodware Ordinance outreach; HHW Collection Information

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 2021 – Articles “During a Drought – Conserving Water, Caring for Trees”, “Cleanup at Baxter Creek”
- May 2021 – Articles “Bringing Back the Natives Garden Tour”, “Baxter Creek Park Volunteer Work Parties”
- April 2021 – Articles “5 Ways to Celebrate Earth Day in 2021”, “Bringing Back the Natives Garden Tour”, “Clean Up El Cerrito’s Southern Entryways”, “Free Gardening Webinars Hosted by Our Water, Our World”, “Eco-Friendly Gardening Methods from the Contra Costa Clean Water Program”
- March 2021 – “San Pablo Avenue Green Stormwater Spine Project - Construction Update”

- February 2021 – Articles “New Statewide Rodenticide Prohibition Follows Similar City Policy”, “Maintaining the City’s “Tree City USA” Status”
- January 2021 – Articles “New Development Brings Cleaner Stormwater through Green Infrastructure”, “Stormwater Education for Students K-12”, “Creekside Park Work Party”
- December 2020 – Article “How to Handle Expired or Unneeded Household Chemicals”, and article on Fats, Oils, and Grease (FOG)
- October 2020 – Article Promoting El Cerrito Green Team Cleanup Event
- September 2020 – Article “Preparing for the Rainy Season”, “Celebrate Coastal Cleanup Month Throughout September”
- August 2020 – Articles “Continuing the City’s Glyphosate Moratorium and Managing Weeds with Alternative Methods”, “Storm Drain Inlet Marking Project in Progress”
- July 2020 – Articles on Public Works emergency response including how to report illicit discharges, and an Our Water Our World Free Organic Gardening Webinar

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

- June 4, 2021 – Article “During a Drought – Conserving Water, Caring for Trees”
- April 2, 2021 – Article “Celebrating Earth Day in 2021”
- March 5, 2021 – Articles “Hidden in Plain Sight – What is Green Infrastructure”, “Arbor Week is March 7-14”, “Baxter Creek Gateway Work Party”
- February 4, 2021 – Articles on Public Works emergency response including how to report illicit discharges, and an Our Water Our World Free Organic Gardening Webinar, “(Socially Distanced)” Creekside Work Party, “San Pablo Avenue Green Stormwater Spine Project – Construction Update”
- January 21, 2021 – Article “New Statewide Rodenticide Prohibition Follows Similar City Policy”
- December 17, 2020 – Article “New Development Brings Cleaner Stormwater”
- December 3, 2020 – Article “El Cerrito Volunteers Make a Real Difference in City’s Natural Areas and Beyond”
- November 19, 2020 – Articles “How to Handle Expired or Unneeded Household Chemicals”, “Recycle Used Cooking Oil at The El Cerrito Recycling Center”
- November 5, 2020 – Article “Preparing for the Rainy Season in El Cerrito”
- September 17, 2020 – Article on “Coastal Cleanup Month”
- September 3, 2020 – Articles “Clean Water Program Annual Report Summary and Highlights”, “Celebrate Coastal Cleanup Month in El Cerrito Throughout September”, “Help Prepare for Rainy Season”
- August 6, 2020 – Article “Continuing the City’s Glyphosate Moratorium and Managing Weeds with Alternative Methods”
- July 23, 2020 – Article “Storm Drain Inlet Marking Project in Progress”

Green Teams (City Environmental Quality Committee supported Work Parties)

- June 6, 2021 – Baxter Creek
- April 24, 2021 – Earth Day cleanup of Central Park and Surrounding Areas
- April 3, 2021 and April 18, 2021 – Hillside Natural Area Invasive Plant Removal
- February 20, 2021 – Creekside Park Work Party
- December 13, 2020 – Hillside Natural Area Invasive Plant Removal
- October 24, 2020 – Northern Entryways Cleanup

Events/Outreach

- Monthly – Baxter Creek Monthly Work Parties coordinated by Public Works Staff (reduced workdays due to COVID-19)
 - March 7, April 11, May 2, June 6
- June 27, 2021 – Mulching Work Party for Stressed Trees
- April/May 2021 – City Nature Challenge Event in El Cerrito (Self-guided)
- April/May 2021 – Regional "Bringing Back the Natives" event (conducted virtually)
- April 2021 – Earth Day Work Parties (Limited Number of Work Parties and no tabling due to COVID-19)
- May 2021 – Annual Hillside Festival (conducted virtually with events May 1-31)
- May 2021 – Bike to Wherever Day (May 21, 2021, with no tabling due to COVID-19)
- September 2021 – Coastal Cleanup Month, Promoted Self-guided Work Parties
- July 4, 2020 – July 4th Festival and Tabling Outreach (Cancelled due to COVID-19)

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 20/21 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign on the regional level.

C.7.b.iii.2 ► Post-Campaign Effectiveness Assessment/Evaluation

(For the Annual Report following the post-campaign effectiveness assessment/evaluation) Submit a report of the effectiveness assessment/evaluation completed, which, at a minimum, should include the following information:

- 1) A description of the outreach campaign
- 2) A summary of how the effectiveness assessment/evaluation was implemented
- 3) An analysis of the effectiveness assessment/evaluation results
- 4) A discussion of the measurable changes in awareness and behavior achieved
- 5) A discussion of the planned or future outreach campaigns to influence awareness and behavior changes regarding stormwater runoff pollution prevention messages

If campaign implementation and effectiveness assessment were done Countywide or regionally, refer to a Countywide or regional submittal that contains the information described above.

	See attached effectiveness assessment/evaluation report
	See Countywide or regional submittal (reference document)
X	Effectiveness assessment/evaluation report was included in the FY 19-20 Annual Report

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.	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., Enviroscene 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: <ul style="list-style-type: none"> • 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 – Completed Virtually on multiple dates in April and May of 2021. This program receives financial support from the City of El Cerrito through both the CCCWP and through direct City funding.	The tour promotes the use of native plants in landscaping, water and resource conservation, alternatives to pesticide and fertilizer use, composting and attracting beneficial wildlife.	El Cerrito continues to directly support Bringing Back the Natives and gardens are often located in El Cerrito. See the CCCWP FY 20-21 Annual 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 20-21 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 (4 months due to COVID-19). 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 volunteers removed a conservative average of 52.5 gallons of trash litter per event from an approximately 700-foot length of creek.

<p>Coastal Clean-up Month September 2020</p>	<p>At Creek Locations Citywide in September 2020. 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 2020 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.</p>	<p>Data collected through the Clean Swell app indicates that 31 volunteers, collected and removed 486 gallons of trash from the creeks and neighboring streets. 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.</p>
<p>Annual El Cerrito Earth Day Celebration in April 2021. (Event adjusted due to COVID-19)</p>	<p>A limited number of in-person work parties, as well as a City Council proclamation and other volunteer efforts.</p>	<p>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.</p>
<p>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 2020/21 cleanup work day dates were:</p> <ul style="list-style-type: none"> • June 6, 2021 – Baxter Creek • April 24, 2021 – Earth Day cleanup of Central Park and Surrounding Areas • April 3, 2021 and April 18, 2021 – Hillside Natural Area Invasive Plant Removal • February 20, 2021 – Creekside Park Work Party • December 13, 2020 – Hillside Natural Area Invasive Plant Removal • October 24, 2020 – Northern Entryways Cleanup 	<p>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.</p>	<p>Average 6 participants per clean up event; the team reported a conservative average of 263 gallons of trash litter removed per litter clean-up event, total 1,052 gallons in 2020/21.</p>

City of El Cerrito, Citywide Events <ul style="list-style-type: none"> • Annual 4th of July Festival (Cancelled) • Bike to Wherever Day May 21, 2021 (No tabling) 	Outreach materials from the CCCWP were not distributed at these two events this year, due to concerns associated with COVID-19.	The 4 th of July Festival is one of the City's most successful and widely attended events, which the City hopes to continue in FY2022-2023. Bike to Work Day is also typically a great opportunity for the Public Works department to connect with different members of the community, which will hopefully be a possibility in FY2021-2022.
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 20-21 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) Green Team 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), the City participated in an "Ask the Arborist" Q&A session in coordination with the El Cerrito Garden Club.
- 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 2020 was self-guided but well attended

Refer to the CCCWP's FY 20-21 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. Madera Elementary School (A Local El Cerrito activity)	In FY20/21, 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 lessons and field trip took place virtually through zoom, with additional hands-on work completed individually.	The program reached two classes, totaling 54 students from Madera Elementary, as well as their 2 teachers and families.	Kids for the Bay worked with two classes in El Cerrito in FY20/21, reaching 54 students and two teachers. Students in El Cerrito studied the local watershed, learned about local organisms, and conducted a trash clean-up around their neighborhoods, removing 31 gallons of trash from the San Francisco Bay watershed. 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. Note: This year, due to COVID-19 and school closures, the program successfully pivoted to a largely virtual learning program. Kids for the Bay designed at home activities and distance learning resources to continue the coursework even after schools closed. See attachment C.7.f El Cerrito School Age Children Outreach: Kids for the Bay Report 2020/21.
Please also refer to the C.7 Section of the countywide program's FY 20-21 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	<input type="checkbox"/>	No
If no, explain: N/A							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and <u>suggest reasons for increases in use of pesticides that threaten water quality</u> , 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 ⁶⁰							
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁶¹						
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21		
Organophosphates	0	0	0	0	0		
Active Ingredient Chlorpyrifos	0	0	0	0	0		
Active Ingredient Diazinon	0	0	0	0	0		
Active Ingredient Malathion	0	0	0	0	0		
Pyrethroids (see footnote #2 for list of active ingredients)	0	0	0	0	0		
Active Ingredient Type X	0	0	0	0	0		
Active Ingredient Type Y	0	0	0	0	0		
Carbamates	0	0	0	0	0		
Active Ingredient Carbaryl	0	0	0	0	0		
Active Ingredient Aldicarb	0	0	0	0	0		

⁶⁰Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹Weight 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.

Fipronil	0	0	0	0	0
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount				
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Indoxacarb	0	0	0	0	0
Diuron	0	0	0	0	0
Diamides	0	0	0	0	0
Active Ingredient Chlorantraniliprole	0	0	0	0	0
Active Ingredient Cyantraniliprole	0	0	0	0	0
Reasons for increases in use of pesticides that threaten water quality: N/A					
<p>IPM Tactics and Strategies Used:</p> <p>For rodent control, the City employs building exclusion methods, snap traps, and owl nesting boxes at City facilities.</p> <p>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 two 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 weed 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.</p>					

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 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?	X	Yes		No
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If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes		No,
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If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored

All pesticide application 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,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/> No
<p>If yes, summarize the communication. If no, explain.</p> <p>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.</p> <p>Refer to the CCCWP's FY 2020/21 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner</p>			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No
<p>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.</p> <p>Not applicable.</p>			

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.
<p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of the CCCWP FY 20-21 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>

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 20-21 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 20-21 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 20-21, City of El Cerrito Staff 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)	65.3%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁶²	16.0%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	5.0%
SubTotal for Above Actions	86.3%
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 2020-21	96.3%
Discussion of Trash Load Reduction Calculation:	
El Cerrito has reached an estimated 96.3% trash load reduction due to the following actions:	
<ul style="list-style-type: none"> • Installation of 163 Full Trash Capture Devices (FTCDs) and Low Impact Development (LID) facilities • Regular, robust creek-clean-up activities at three locations removed 47 cubic yards of trash litter from creeks in 2020/21 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 264 cubic yards of trash where the jurisdictional FTCD installation is not supported by existing infrastructure. • On Land Visual Assessments in 2020/21 were performed 3 times each in nine (9) TMA 3 locations resulting in medium and low trash generation assessments yielding a 16% trash reduction, which substantiated the previously claimed trash load reduction credit that goes alongside the weekly targeted trash reduction efforts in these areas. • Business and community compliance with El Cerrito’s 2014 Single Use Plastic Bag Ordinance and Expanded Polystyrene Food Service Ware Ordinance. 	

⁶² See Appendix 10-1 for changes between 2009 and FY 20-21 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

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 has conducted a robust public process to engage businesses, residents, and interested parties around a proposed Expanded Food Ware Ordinance. The ordinance, as drafted, would phase out single-use plastic foodware items in the city and encourage the use of reusable and compostable containers to help protect waterways, promote environmental sustainability, and reduce waste. If approved, the ordinance would apply to all food providers in the city and include products such as non-compostable, non-reusable straws, eating utensils, and food containers. Stemming from COVID-19 and the closure and economic strain put on food providers, the City paused this public process but anticipates presenting the draft ordinance for City Council consideration before the end of calendar year 2021. If adopted, the Expanded Food Ware Ordinance has potential to measurably reduce plastic litter and waste in El Cerrito.

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 20-21, and prior to FY 20-21, 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 in FY 20-21		
Connector Pipe screens/Filters	3	2
LID Facilities	1	2
Installed Prior to FY 20-21		
Connector Pipe screens/Filters	146	228
LID Facilities	12	12
Other Full Trash Capture Systems	1	3
Total for all Systems Installed To-date	163	247
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 20-21 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 20-21 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 20-21	Summary of Maintenance Issues and Corrective Actions
1	0.7	163	No plugged /blinded systems = 0% 52 units (36%) 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.
2	10.0			
3	35.7			
4	4.7			
5	8.5			
6	2.0			
7	0.2			
8	0.5			
9	0.0			
10	NA			
NJ El Cerrito	NA			
NJ El Cerrito	2.7			
Total	65.3			

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 280 gallons of litter per week from San Pablo Avenue and 400 gallons per week from the Ohlone Greenway including the trash bins.
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: 3 Baxter Creek Gateway Park clean-ups in 2020/21 resulted in 158 dry gallons of litter removed. Two Green Team Volunteer litter removal events yielded 560 gallons of trash collected from TMA 3. Contract staff removed litter 2x weekly from San Pablo Avenue averaging 280 gallons/week and from the Ohlone Greenway averaging 400 gallons/ week.
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 was diminished somewhat due to COVID-19. The creek and neighboring streets have been the site of the City’s California Coastal Cleanup event since 2016 where at least 300 pounds of trash and recycling were removed and collected as reported in the CleanSwell app during the do-it-yourself Coastal Clean-up Month in September 2020. 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.

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.

Summary of Trash Control Measures Other than Full Capture Devices:

- **Street Sweeping:** Include a description of any enhancements or new actions implemented after the MRP 1.0 effective date (i.e., December 2009). Identify portions of the TMA where enhanced street sweeping (i.e., increased sweeping frequency) and parking enforcement above 2009 levels was implemented.
- **On-land Cleanup:** Include a description of on-land cleanup activities that began after the MRP 1.0 effective date (i.e., December 2009) and continued into FY 20-21, including any enhancements or new actions implemented in FY 20-21. Describe if these actions are Permittee or volunteer-led.
- **Partial Capture Devices:** Provide a description of devices installed after the MRP 1.0 effective date (i.e., December 2009). Describe the level of maintenance conducted per device types.
- **Storm Drain Inlet Cleaning:** Describe storm drain inlet maintenance activities implemented after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 20-21, including any enhancements or new maintenance activities implemented in FY 20-21. For new/enhanced actions, include the number of inlets where enhanced maintenance occurred, and the increased frequency of maintenance.
- **Uncovered Loads:** Describe activities designed to reduce trash from uncovered loads that began after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 20-21, including any enhancements or new actions implemented in FY 20-21. Describe the types of actions implemented including new or redirected enforcement efforts to increase the focus towards new or enhanced actions.
- **Anti-littering and illegal dumping enforcement activities:** Describe anti-littering and illegal dumping enforcement activities began after to the MRP 1.0 effective date (i.e., December 2009) and continued in FY 20-21, and any enhancements or new actions implemented in FY 20-21. Include any new or redirected enforcement efforts to increase the focus towards new or enhanced actions. Describe the number of citations or other correction actions accomplished this year and compare with previous years. Indicate how anti-littering and illegal dumping enforcement records are kept, and how they may be retrieved for audit.
- **Improved Trash Bin/Container Management:** Describe activities designed to improve trash bin/container management that began after the MRP1.0 effective date (i.e., December 2009) and continued in FY 20-21, and any enhancements or new actions implemented in FY 20-21. Include any new or redirected efforts to increase the focus towards these new or enhanced actions.
- **Other Types of Actions:** Describe activities designed after the MRP effective date (i.e., December 2009) and continued in FY 20-21, and any enhancements or new (post December 2009 effective date) actions implemented in FY 20-21.

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 20-21 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 ⁶³ 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%	3	16.0
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	5.4	3	16.0%

⁶³ 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	<p>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.</p> <p>The full Ordinance and other details can be found online at http://el-cerrito.org/802/Single-Use-Bag-Ordinance-Summary</p>	<p>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.</p> <p>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. Additional plastic bag litter may be attributed to the 60 day suspension of the plastic bag ban by the state in April 2020.</p>	<p>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 Permittees 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.</p>	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	<p>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.</p> <p>The full Ordinance and other details can be found online at el-cerrito.org/foodware</p> <p>In FY19-20, the City also began a public outreach process around a proposed Expanded Food Ware Ordinance that, if adopted, would also prohibit food service businesses from providing single-use plastic straws and other containers. Due to the pandemic and business impacts, the public process and development of this expanded ordinance was put on hold. However, Staff anticipates the proposed ordinance will be presented for City Council consideration in late 2021.</p>	<p>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.</p> <p>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 proposed Expanded Foodware ordinance.</p> <p>City Staff respond quickly to any reports of non-compliance and work with the business to comply with the ordinance.</p>	<p>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 a 4.05% (6% x 75% x 90%) available trash load reduction attributable to the implementation of the Food Ware Ordinance.</p> <p>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 Permittees 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.</p>	3%

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 20-21 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 20-21.

Trash Hot Spot	New Site in FY 20-21 (Y/N)	FY 20-21 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Cerrito Creek- 300 feet below the Adams Street MS4 outfall pipes: Lat. 37.898 x Long. -122.302	N	09/03/2020	.20 Cubic Yards	.18 Cubic Yards	.05 Cubic Yards	.08 Cubic Yards	.30 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
<p>Summary: The City made no new changes to its Long-Term Trash Load Reduction Plan in 2020/21. 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 as soon as calendar year 2021. This was an unplanned addition to El Cerrito's compliance efforts but the fruition of on-going collaborative relationships between public agencies. 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 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 FY20-21, the City continued the incremental installation of more Full Trash Capture Devices (FTCDs) in order to meet the trash reduction goals of the permit. In July 2020, the City installed three (3) FTCDs, additional units are anticipated for installation in FY 2021-22 including the joint agency HDS unit installation with Caltrans and the City of Richmond that will treat 751 acres in El Cerrito. This project status is Tier One, funded.</p> <p>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 2020/21 the City performed On Land Visual Inspections three (3) times at nine (9) sites in these areas where there are no available jurisdictional drain inlets and determined the trash generation rates to be substantially lower than the rates that were assigned in 2013.</p>	
<p>The Trash Generation Rate in TMA 1 was previously (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.</p>	1
<p>Certain areas of TMA 3 with High Trash Generation rates were previously (2015/16) changed 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 2020/21 the City conducted three (3) additional On Land Visual Assessments in 9 locations which verified medium and low trash generation rates.</p>	3

Trash Generation Rates were previously (2015/16) changed 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 (2015/16) changed 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 (2015/16) changing 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 (2015/16) changed 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 20-21. 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 20-21	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	<p>A. 3 Monthly (first Sundays) Baxter Creek Gateway Park volunteer clean-ups in 2020/21 averaged 52.5 gallons litter removed, resulting in 158 gallons or approximately 1 cubic yard*</p> <p>B. 50 Weekly City Staff Creek Clean-ups in 2020/21 on 650 linear feet of Cerrito Creek at El Cerrito Plaza and 780 linear feet of lower Cerrito Creek west of Adams Street removed an average 70 gallons /week resulting in an annual total of 3,500 gallons or approximately 20 cubic yards</p> <p>C. 50 Weekly Staff Creek Clean-ups on 750 linear feet of Baxter Creek at Gateway Park removed an average of 70 gallons / week resulting in an annual total of 3,500 gallons or approximately 20 cubic yards.</p> <p>D. Green Team volunteer creek cleanup events yielded an additional 2.6 cubic yards of trash collected from Baxter Creek and Cerrito Creek.</p> <p>E. Coastal Clean-up yielded 3 cubic yards during self-guided DIY as recorded in the CleanSwell App.</p> <p>* Note: 174 dry gallons = 1 Cubic Yard</p>	47cubic 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 20-21. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

	<p>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 18.7% based on the formula, taking credit for the maximum of 10%. While the COVID-19 pandemic reduced the number of volunteer events in 2020-21, staff and contractors continued to perform this essential function. Community involvement 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 2020/21. Please see attached for the full offset calculation for the reporting period.</p>		
<p>Direct Trash Discharge Controls (Max 15% Offset)</p>	<p>None.</p>	<p>0</p>	<p>0</p>

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 20-21.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> 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	93	29	18	0	140	35.7	135	5	0	0	140	16.0	51.8
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	73	13	0	0	86	2.0	73	13	0	0	86	0.0	2.0
7	25	27	0	0	53	27	26	0	0	53	0.2	27	26	0	0	53	0.0	0.2
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	6	7	0	0	14	0.0	6	7	0	0	14	0.0	0.0
10	1770	0	0	0	1771	1771	0	0	0	1771	NA	1771	0	0	0	1771	NA	NA
NJEICerrito1	0	0	0	0	0	0	0	0	0	0	NA	0	0	0	0	0	NA	NA
NJEICerrito2	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	2109	115	24	0	2247	65.3	2151	91	5	0	2247	16.0	81.4

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 2020-21 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 Methodology⁶⁴ 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.

⁶⁴BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

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 3 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. These items are collected from the RERC by the Richmond HHW Facility. In FY2020, 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.

Senior 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 2020/21 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.

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, 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 2020-21 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 2020-21 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 Methodology⁶⁵ 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 2020-21 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.

⁶⁵BASMAA 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 2020-21 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 FY20/21, 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 20/21, the City continued to conserve irrigation water and to prioritize repairs to irrigation system leaks. In FY19/20, 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 May 11, 2021 training 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 2020-21 Annual Report for additional information.

Attachment C.4.b.iii Potential Facilities List FY21-22

El Cerrito CWP Inventory - July 2021

Property 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
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
Bed, Bath & Beyond	6000 El Cerrito Plaza	El Cerrito	Retail
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 Plaza BART Snack Bar	6699 Fairmount Ave	El Cerrito	Food Service
El Cerrito Recycling Center	7501 Schmidt Lane	El Cerrito	Recycling
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
Fairmount Auto Service	6525 Fairmount 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
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
Melgard's 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
Pro Mechanizx	11847 San Pablo Ave B	El Cerrito	Vehicle 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 (forner	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
Vietnam Grille	10386 San Pablo Ave	El Cerrito	Food Service



A Project of Earth Island Institute

1771 Alcatraz Avenue, Berkeley, CA 94703

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www.kidsforthebay.org

Mandi Billinge, Executive Director/Founder

July 20, 2021

Will Provost
Clean Water Program Coordinator
City of El Cerrito
10890 San Pablo Avenue
El Cerrito, CA 94530

Dear Will,

I am excited to share with you that we have completed the Watershed Action Program in El Cerrito, with Madera Elementary School. Despite the challenges of this year, we successfully supported our partner teachers and delivered engaging watershed education programs to our students via distance learning. In a year when many were stuck at home, we offered students ways to connect with nature while building a school community centered around environmental awareness and action. Our students graduated from the program with a deeper knowledge of the San Francisco Bay watershed and their role in its stewardship. The enclosed report highlights some of the successes we have had educating and inspiring El Cerrito students to be empowered environmentalists through our interactive lessons, Environmental Action Project and Virtual Field Trip.

Please find enclosed:

- 2020 – 2021 School Year Final Report
- Photo documents of our students in action
(Please note these pictures are for internal use only, as some families have requested their child's picture not be released to the general public)

I hope you will enjoy reviewing these materials and please let me know if you have any questions.

Best wishes,

Mandi Billinge
Executive Director/Founder



WATERSHED ACTION PROGRAM
2020 – 2021 SCHOOL YEAR FINAL REPORT

PREPARED FOR
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 2020-2021 school year. This program reached fifty-four students, their families, and two teachers. KftB Educator Laurel Sebastian worked with the students at Madera 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 fourth grade teacher partners, Betty Buginas and Rebecca Raikow, were passionate about learning and teaching this meaningful curriculum throughout the program.

SUMMARY OF 2020-2021 CLASSROOM LESSONS SIX - TWELVE

The KIDS for the BAY WAP this year was delivered through virtual Zoom lessons tailored for each partner class and school. Our twelve distance learning lessons provided a balance of class discussions, small group investigations, and accessible experiments at home. After each lesson, students used their new knowledge to complete outdoor explorations, including a watershed scavenger hunt and a neighborhood litter cleanup. Toward the end of the program, each student experienced the sights and sounds of a local creek, bay or ocean habitat in a Virtual Field Trip. Each Watershed Action Program culminated in an Environmental Action Project in which students shared their knowledge with other classes of students and teachers, and with their family members, and inspired environmental stewardship at home and in their school community.

The teachers at Madera Elementary were very thankful for the teaching support provided and eager for their students to have interactive lessons and outdoor experiences during this challenging school year. The teachers learned exciting, hands-on approaches to watershed science education and new distance learning strategies and online platforms. Students were excited to become environmentalists by connecting with nature, engaging in scientific experiments, and taking environmental action in their own neighborhoods.

Campus and Neighborhood Trash Cleanup

After connecting with their local watershed and investigating the impacts of pollution in their first five lessons, student environmentalists were excited to take action to help their environment. All students were invited to clean up their own neighborhoods to stop storm drain pollution from entering their watershed. Before doing this special outdoor activity, each class reviewed cleanup safety rules and predicted the amount and types of pollution they would find. Student guesses for the class total ranged from 50 to 1000 pieces of litter. Kamil shared, “After the cleanup, we could sort out the recycling too so everything ends up in the right place.”

After scouring their neighborhoods and local parks for trash, Ms. Buginas’ class collected 293 pieces of litter before the seventh lesson, and Mr. Raikow’s class collected 592. Both classes were so excited about sharing the stories of their litter cleanups. Alexandra said, “I found a lot of styrofoam peanuts and spent a long time picking up all the little pieces.” Many students asked if they could keep doing cleanups and Ms. Laurel happily agreed. By the end of the program the classes collected a total of 1,545 pieces (31 gallons) of litter!

The students were immensely proud of their collective impact, even though they each cleaned up individually. Isabel shared, “I found 27 pieces of plastic and lots of cloth too. I was surprised to find so much trash in my neighborhood, but I’m glad we picked it up.” Krishna said, “I’m proud of our class because we helped clean up our neighborhood and make it healthier.”

Alternatives to Pollution and Using the Five Rs (Reduce, Reuse, Recycle, Rot and Refuse)

For the remaining lessons, our student scientists continued to brainstorm and investigate solutions to waste and pollution. Shriya shared, “I think we should prevent pollution by reducing what we use, because then we can have less pollution on Earth.” Ms. Laurel introduced students to the Five Rs, which help with waste and pollution prevention. She then challenged the students to get up and find something within 15 seconds that relates to one of the Five Rs. Carina said, “I have a metal straw that I’ve reused a lot. Then I can skip the plastic.” Sophia added, “I have an orange peel here that can rot and make new soil to grow new things.”

After watching a short video about landfills, the students had even more ideas to share. Chloe said, “I learned that a landfill is a big hole that we fill with trash and that we’re filling them up quickly and we keep needing more and more landfills for all our stuff.” Christopher added, “Maybe we can improve landfills to reuse more of the trash.” Elah shared, “Like the video said, we should rethink what to do with our trash. Maybe we can save more bottles and reuse or recycle them.” With this in mind, students were excited when Ms. Laurel challenged them to study their local waste-sorting guide, and make their own posters to put up at home. In the next lesson Aiden shared, “I made posters by gluing different litter I found into three different categories of where it’s supposed to go.” Krishna said, “I made my posters on my computer and shared them with my parents.”

Healthy Watersheds and Environmental Leaders

In the final classroom lesson, students explored which components of their environment belong in healthy versus unhealthy watersheds. They examined images in groups and made arguments for why each picture was part of a healthy or unhealthy environment, or both. Jaidyn volunteered, “The picture of the pond should go in the healthy environment column. The pond water and air looks clean and healthy. It would be a good place for animals to live.” Remi added, “The landfill could be part of both because it’s better than littering into the ocean, but some trash could blow away from the landfill and harm animals too.” Logan shared, “The factory looks unhealthy with all the smoke, but some factories are cleaner and can help make important things too.”

When Ms. Laurel asked the class, “What is an environmental leader?” Alexandra said, “Leaders try to get everyone they know to start helping in some way. Swimmers can help clean up the ocean, and walkers can clean up parks.” Siddha added, “Some people lead marches while holding signs to teach other people about an issue.” The classes then discussed that environmental justice leaders try to ensure that everyone has access to a healthy environment. When Ms. Laurel asked if it is fair or just for some people to live around more pollution, Isabel said, “Everyone should live in a fresh and clean place so they can be healthy too.”

Towards the end of the lesson, the class analyzed a video about a young environmental leader who took action to stop the use of dangerous pesticides at her school. The following week,

students were ready to share environmental leaders that they had researched at home. Remi reported, “Lynnea created a junior rangers program to teach kids about the marsh environment and its importance for animals. Now more kids are involved in taking care of the environment.” Tenzin shared, “Martin started a competition for all of the students to educate them about how to save water, fix leaks and not waste it. The result was he helped reduce 89,436 gallons of water at his school.”

FIELD TRIP

We were unable to lead field trips this year due to the Covid-19 pandemic. However, students loved the interactive explorations and games designed for our virtual bay, ocean and creek field trips. The Madera Elementary students enjoyed a virtual trip to Muir Beach. First, students built up their excitement by remembering their own experiences near the ocean. Wyatt said, “I went with my family, I saw the ocean, I heard lots of birds, I smelled salt water, and I climbed the hills.” Tiffany exclaimed, “I saw tiny crabs at the beach!” Ms. Laurel had the class show crab claw movements if they had also seen live crabs and they all had!

Students explored maps and figured out how their school and homes are connected to Muir Beach on the Pacific Ocean. Alex shared, “We would take the Bay Bridge. I’ve done that before!” When Ms. Laurel announced that Muir Beach has a small estuary, Remi waved her arms around and reminded the class, “This is our movement for salt and freshwater mixing together.” Ms. Laurel then asked, “Why is an estuary like this a special habitat?” Aiden responded, “It’s a good home for animals because it has everything they need, like food and water.” Ms. Laurel shared fun facts and pictures of birds that love estuaries. When Ms. Laurel asked the students to identify different bird adaptations, Ximena said, “The great blue heron has long legs to keep its feathers dry and a sharp beak to catch fish.” Asha added, “I notice the egret moves really slowly to try to sneak up on fish.”

Next, Ms. Laurel announced, “We’re moving out to the beach to explore another habitat: the rocky shore!” The students watched a video about rocky shore organisms and discussed it as a unique and stressful habitat. Ms. Laurel asked which adaptations might help animals survive during low tide. Alex said, “Blue mussels on the rocks have hard shells to protect them from the sun and predators.” Asha added, “They need to hold on tight to the rocks too so the waves and birds don’t pull them off.” Laszlo shared, “I learned seagulls eat mussels! They can fly up really high and drop their clams and mussels to crack them open.” Together, the class practiced a few Ploga (Play Yoga) movements for different animals, like anemones moving their tentacles at high tide and then tucking them in at low tide.

The students’ favorite part of the field trip was trying to guess which ocean bird sound went with each bird. Comparing the bird sounds to other familiar noises, Asher shared, “The cormorant sounds like when you blow bubbles with a straw.” Vera added, “The sandpiper sounds like a tiny mouse!” Tiffany agreed, “I knew the sandpiper made the second call because they are really small and smaller animals usually make high pitched noises.” Isabel shared, “I knew the first one was the cormorant, because I heard water splashing and I learned that they dive in the water.”

ENVIRONMENTAL ACTION PROJECT

Action Project Preparation

Students were eager to prepare for their final Environmental Action Project; presenting environmental posters on a topic of their choice to their peers and family. They began by reviewing everything they had explored in the Watershed Action Project through a game of Trivia. The classes loved guessing how many points they could earn as a team, and were amazed when they passed 5,000 points! When Ms. Laurel asked, “Why is our environment unique or special?” Isabel said, “Because it’s an estuary!” Alex added in the Zoom chat, “It’s a bay and has wetlands and lots of places for animals. It also has places that are hot and cold for different animals.” To the question “Where should fats, oils and greases (FOG) go after cooking?” Remi remembered, “They should get thrown away or composted. If they go down the drain, they can clog and break the sewer pipes.”

Students then had time to examine past student posters and brainstorm their final poster topics. Elah said, “Mine will be about people littering and storm drains and how that could harm animals and people too!” Salvador added, “We shouldn’t waste stuff like water or paper or food.” Osaze said, “I’ll explain the sewer system and sewer pollution!” The students had lots of ideas about the importance of their poster project. Evelyn said, “We can help people understand problems and solutions.” Luci shared, “People that see my poster will know how to not hurt animals in the sea or elsewhere.”

Environmental Poster Presentations and Celebration

In the final lesson of the program, students shared their posters, reflected on their progress, and received their Watershed Action Program Certificates of Excellence. During the final presentation, students took turns sharing their work and supporting each other with compliments and questions. Tiffany said, “Megan, I really like how you put each R in its own box and how you gave an example of each one.” Carina explained, “I used sea creatures to spell out ‘thank you’ in my poster.” Isabella exclaimed, “Wow! That is so creative and will really make people stop and look!”

After presenting, students reflected upon their environmental leadership and made environmental pledges for the future. Alexandra shared, “I’m an environmentalist because I know a lot more about my surroundings now and I helped my community by picking up litter. And I care a lot about it.” Kamil added, “I used to just notice trash, but now when I go to the park, I pick up a little bit every time.” Osaze said, “I’m more of an environmentalist now. I just think about the environment differently and try to reuse more and waste less.” Each student made a pledge about ways to help the environment. Tiffany said, “I will pick up trash, plant more plants, and teach everyone around me what I know about pollution so they can teach others too!” Siddha shared, “I pledge to try to save the Earth and to pick up litter when I see it.” Elah added, “I pledge not to waste water at home!”

BLUE WATERSHED CLASSROOM TEACHER FOLLOW UP SUPPORT PROGRAM

This school year, we have successfully transitioned our Blue Watershed Classrooms teacher follow-up support program online. During the challenges of distance learning, we have found it particularly important to support our past partner teachers with additional resources for teaching our curricula. Each participating Blue Watershed Classrooms teacher received a complete set of interactive slideshows for each lesson, which includes videos, Jamboards, and our Virtual Watershed. They were also supported with program orientation meetings, lesson curriculum guides, and a litter cleanup kit. Now that all of our supporting materials are online, our Blue Watershed Classrooms program is easier than ever for teachers to access and teach with confidence. We hope these new digital resources will allow more teachers to continue participating, and allow us to increase the collective positive impact of our teacher network.

We hope that as classes return to in-person learning next school year, our teacher partners at Madera Elementary and other El Cerrito elementary schools will be ready to continue engaging students in local watershed science and stewardship through the Blue Watershed Classrooms program.

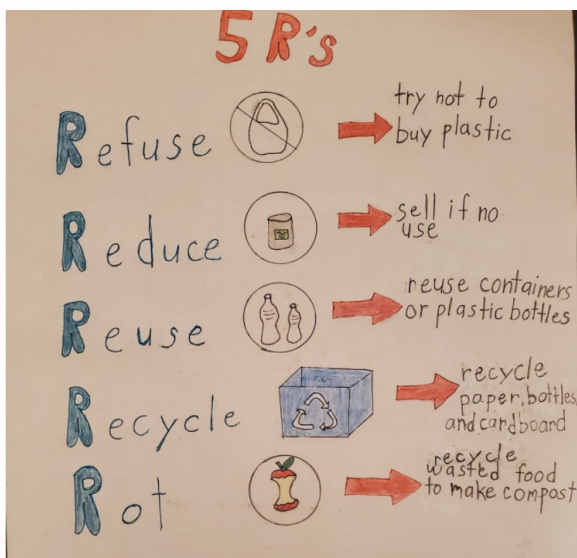


**WATERSHED ACTION PROGRAM
CITY OF EL CERRITO
2020-2021 SCHOOL YEAR
FINAL REPORT HIGHLIGHTS**

*Photos are for internal use only



Students at Madera Elementary took action in their local watershed by conducting neighborhood cleanups. Working individually from home, the students cleaned up a total of 1,545 pieces, or 31 gallons, of trash! They also explored how to reduce waste and pollution at the source by using the Five Rs every day.



I'm proud of our class because we helped clean up our neighborhood and make it healthier.

Krishna, Fourth Grade Student, Madera Elementary, El Cerrito

"I feel like we're heading in the right direction because more people are starting to clean up the planet, and our class is encouraging more people to do the right thing."

Alexandra, Fourth Grade Student, Madera Elementary, El Cerrito

Let's explore some avian adaptations!



1: Double Crested Cormorant



2: Western Sandpiper

Can you identify the birds by their call?

Our Virtual Field Trips this year focused on bringing interactive nature games and habitat connections to the students at home. In culmination of the WAP, students stepped up to inspire others to take action by making environmental posters at home.

I will pick up trash, plant more plants, and teach everyone around me what I know about pollution so they can teach others too!

Tiffany, Fourth Grade Student, Madera Elementary, El Cerrito

"I'm more of an environmentalist now. I just think about the environment differently and try to reuse more and waste less."

Osaze, Third Grade Student, Madera Elementary, El Cerrito

"This program was amazing! The students liked the hands-on experiments and learned a great deal about their local watershed."

Rebecca Raikow, Third/Fourth Grade Teacher, Madera Elementary, El Cerrito

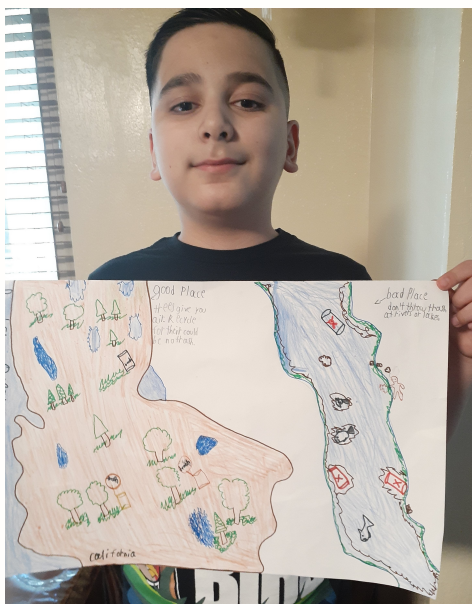
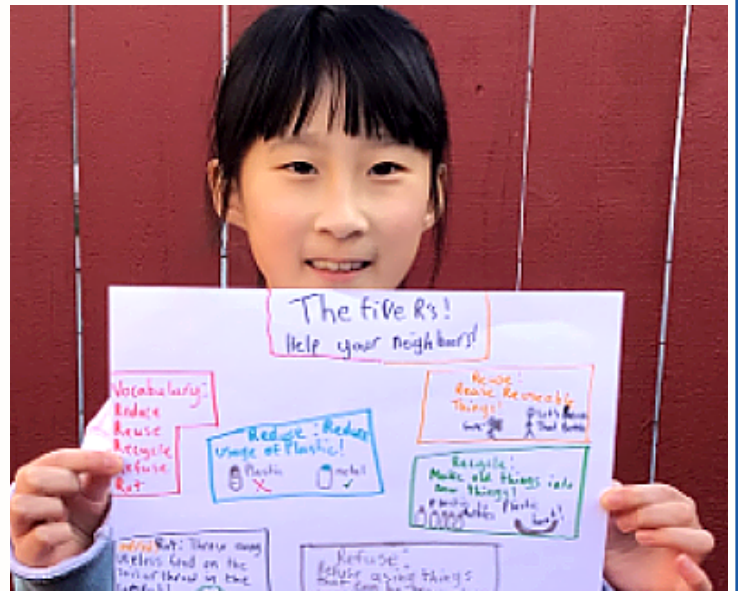





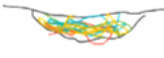

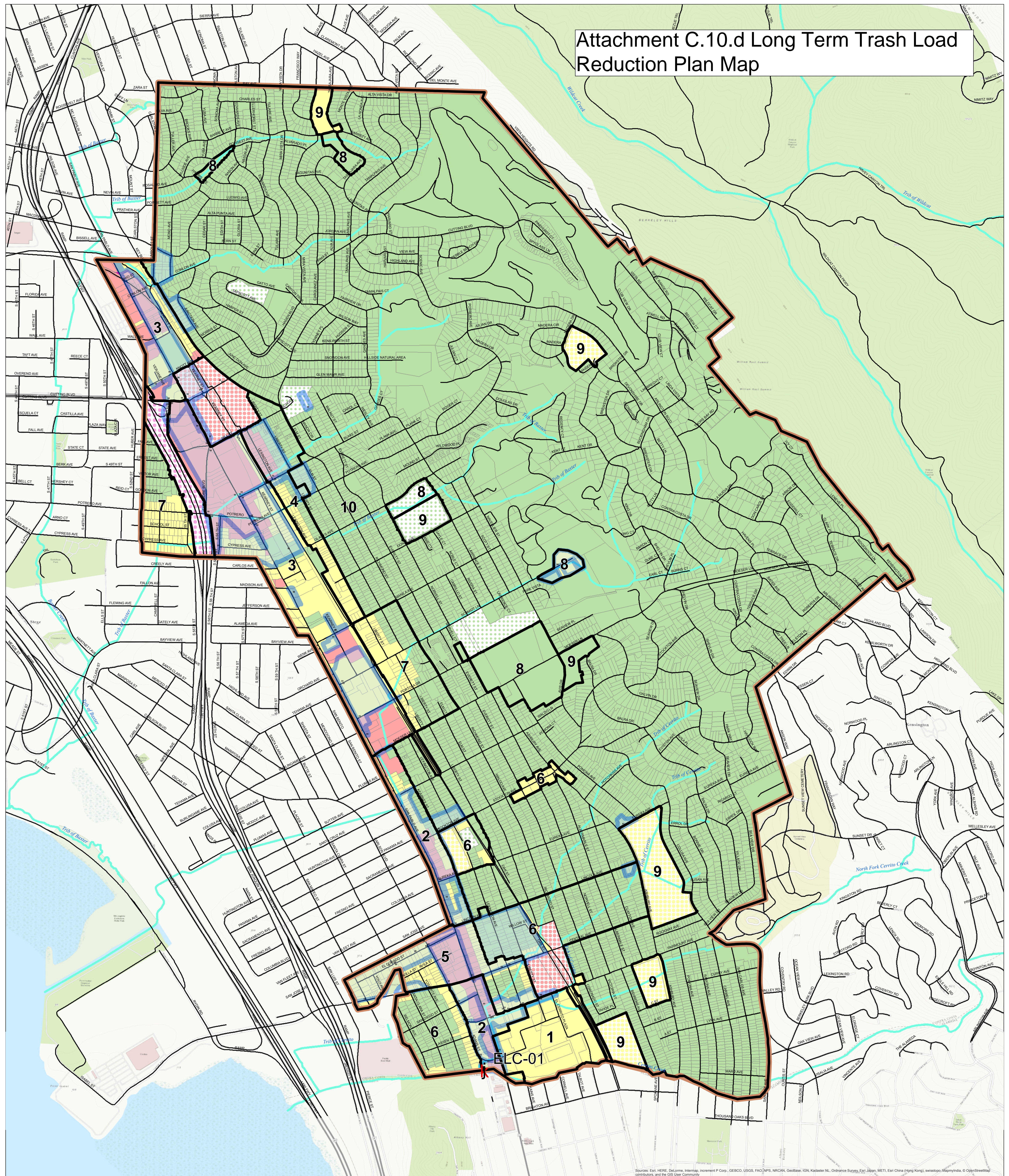


Photo Document, City of El Cerrito, July 2021

environmental do's and don'ts	
do ✓	don't ✗
recycle 	litter 
reuse 	clog the sewer system 
compost 	put stuff in landfills 
	

Attachment C.10.d Long Term Trash Load Reduction Plan Map



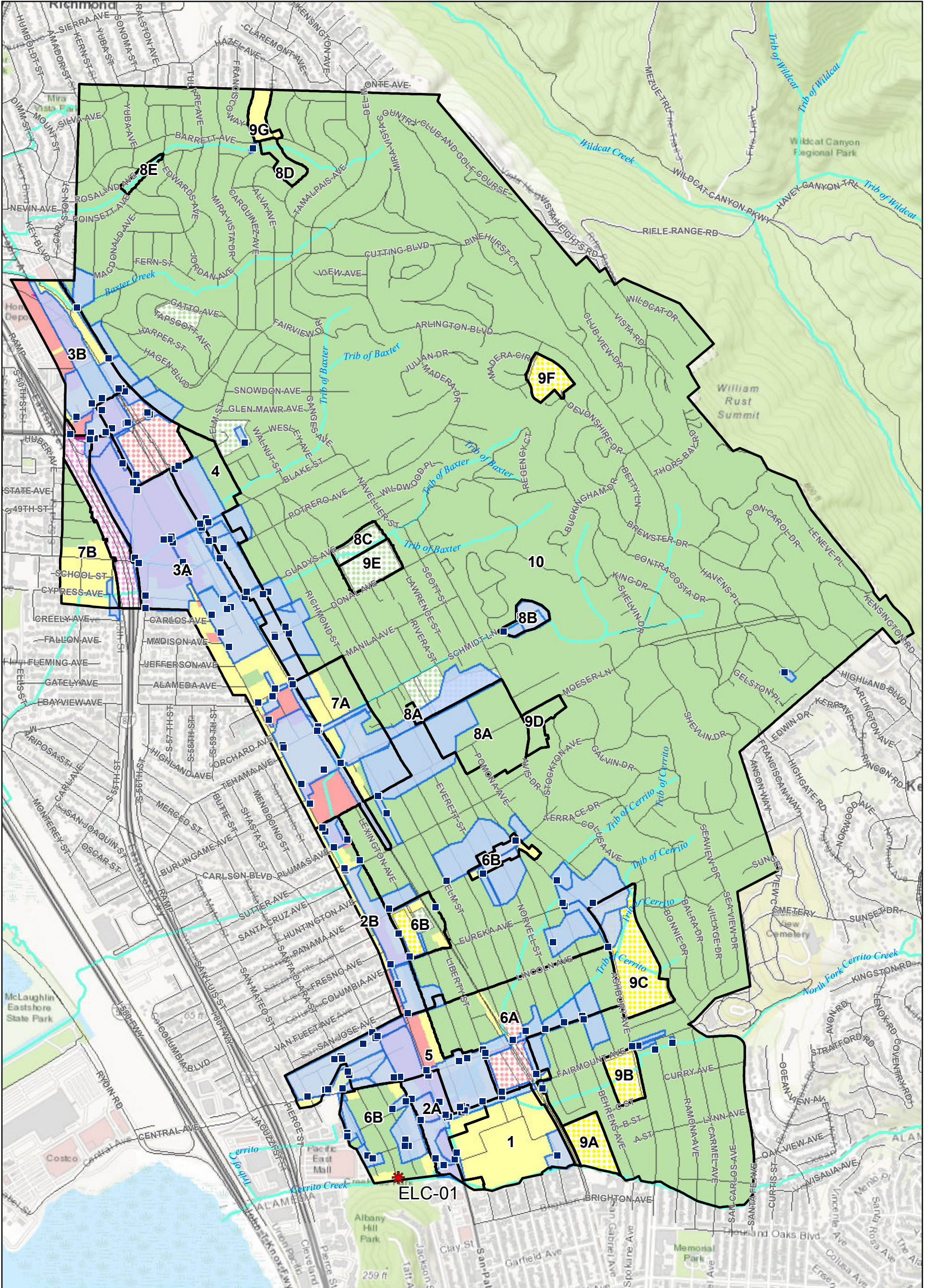
EL CERRITO Full Trash Capture and Trash Management Area Map

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 Agency Boundary Creeks Parcel Boundary	
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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 8/22/2016



El Cerrito Full Trash Capture and Trash Management Area Map

<p>Trash Generation Category</p> <ul style="list-style-type: none"> Low Medium High Very High 	<ul style="list-style-type: none"> * Creek/Shoreline Hotspot Trash Management Area ■ Full-Capture Location Full Trash Capture Non-Jurisdictional (Dot color = Generation Category) 	<ul style="list-style-type: none"> Streets Creeks Parcel Boundary Map Matchline 	<p>0 0.050.1 0.2 Miles</p>	<p>N</p>	 <p>CONTRA COSTA CLEAN WATER PROGRAM</p>
<p>Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed. Map Created By CCCWP GIS</p>					<p>9/8/2021</p>

Attachment C.10 – Offset Calculation for 2020/2021 Annual Report

El Cerrito- FY 2020/2021

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

1% Reduction Offset (Volume) = $(12 \times \text{VH Acres}_{2009} + 4 \times \text{H Acres}_{2009} + \text{M Acres}_{2009}) \times \text{OF}$

Formula = $212 + (4 \times 93) = 584$

Offset Factor = $7.5 \times 0.01 = 0.75$

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

In FY 2020/2021, El Cerrito collected 8203 dry gallons = 47.3 cubic yards

(174 dry gallons = 1 cubic yard)

$8203 / 438 = 18.7\%$