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Section 1 – Permittee Information

Background Information				
Permittee Name:	City of Lafayette			
Population:	26,000			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2015-0049			
Reporting Time Period (month/year):	July 2021 through June 2022			
Name of the Responsible Authority:	Niroop Srivatsa	Title:	City Manager	
Mailing Address:	3675 Mount Diablo Boulevard #210			
City:	Lafayette	Zip Code:	94597	County: Contra Costa
Telephone Number:	925-299-3206	Fax Number:		
E-mail Address:	nsrivatsa@ci.lafayette.ca.us			
Name of the Designated Stormwater Management Program Contact (if different from above):	Matt Luttrupp	Title:	Engineering Services Manager	
Department:	Engineering and Public Works			
Mailing Address:	3675 Mount Diablo Boulevard #210			
City:	Lafayette	Zip Code:	94597	County: Contra Costa
Telephone Number:	925-299-3247	Fax Number:		
E-mail Address:	mluttrupp@ci.lafayette.ca.us			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City of Lafayette’s Department of Public Works contracts for most of its municipal maintenance operations. The City requires compliance with all current clean water permit requirements. The City participates with the Contra Costa Clean Water Program (CCCWP) by participating in numerous joint county-wide and regional programs and activities. The City’s Engineering Services Manager is the primary voting member and participates on the CCCWP Management and Development Committees. Designated back-up participant to the Management Committee is Tim Clark, Assistant Engineer.

Lafayette Library and Learning Center operations and maintenance are overseen by the City’s Building Superintendent and Public Works Manager, Parks and Trails maintenance is overseen by the Parks Maintenance Supervisor and Parks, Trails, and Recreation Director, and Community Center operations are managed by the Parks, Trails, and Recreation Director.

The City’s new development and redevelopment activities are managed by the Planning and Building Director and the Director of Engineering and Public Works. City activities are reported with the C.3 section of the Annual Report. Construction Site Controls are contracted for through Contra Costa County Building Inspection by the Planning and Building Director.

Contra Costa Sanitary District (CCCSD) performs business and stormwater inspections as contracted by the City and CCCWP. Other City Maintenance activities are primarily managed by the Public Works Department for stormwater pollution prevention and reporting such activities as required by the Municipal Regional Permit.

See the C.2 Municipal Operations section of the CCCWP’s FY 21-22 Annual Report for a detailed 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.

Y	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: None	

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:	

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 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
<p>Comments:</p> <p>The City of Lafayette has two corporation yards, one located at the Public Works Yard and one located at a city park. Public Works manages contractors working from the Public Works Yard, and Public Works staff oversees stormwater pollution prevention activities. The majority of maintenance activities that occurred in FY 21-22 were contracted with TerraCare. The TerraCare Maintenance Foreman is trained in stormwater pollution prevention and oversees and provides training for additional maintenance staff. The purpose of the Corporation Yard SWPPP is to prevent contaminants that might be generated from maintenance activities from entering the storm drain system and reaching City creeks. This is accomplished by identifying potential stormwater pollutants and describing and implementing best management practices (BMPs).</p> <p>The Public Works Corporation Yard consists of a parking lot, workshop building, a modular building that is used as an office, and a small storage shed. The workshop building is kept locked and contains storage cabinets in which small amounts of fuel, paint, and vehicle oils are safely stored. The storage shed, which houses herbicide and non-chemical supplies, is kept locked. Good housekeeping practices are maintained with spills promptly cleaned up. Drainage from the site is directed toward a grassy swale which drains to a rain garden at the back of the corporation yard. Vehicles are maintained offsite.</p> <p>The Parks Corporation Yard has a contained storage unit and covered areas for storage of other materials. Any spills are cleaned up promptly and kept from entering storm drains or creeks.</p>	

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
Public Works	General housekeeping, outdoor material storage; outdoor waste/recycling storage; municipal vehicle/heavy equipment parking; employee parking.	09/14/21	Inspection performed by CCCSD. Correction work: install a berm around a small pile of base rock.	It was a very small pile -- some of which was used and the rest of which was spread at the yard.
Parks	General housekeeping, outdoor material storage; municipal vehicle/equipment parking.	9/14/21	Inspection performed by CCCSD. Corporation yard is in good condition.	No corrective work required.

² Minimum inspection frequency is once a year during September.

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

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

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.
 See attached table C.3.b.iv.(2) for list of regulated projects

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.?	X	Yes		No
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Comments (optional):

C.3.e.v ► Special Projects Reporting

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

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

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

See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems. No HM controls have been installed to date.

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

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY 20-21)	23
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 21-22)	24
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 21-22)	6
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 21-22)	26.1% 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:

Inspections were conducted by the Contra Costa County Building Inspection department or licensed landscape professionals or licensed civil engineers per approved O&M plans and no irregularities were found. No projects have been constructed with HM controls.

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:

O&M program appears to be functioning as designed. No changes are proposed at this time.

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.

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:

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

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

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

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

Background Information:

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

The City Engineer has reviewed and is using the BASMAA May 6, 2016 document, “Guidance for identifying Green Infrastructure Potential in Municipal Capital Improvement Projects”.

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information, and any additional notes provided here.

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

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

Please refer to Countywide Program’s FY 21-22 Annual Report for a summary of efforts conducted to help regional, State, and federal agencies plan, design, and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

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

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

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

**C.3.b.iv.(2) ► Regulated Projects Reporting Table
 (part 1) – Projects Approved During the Fiscal Year
 Reporting Period**

Project Name Project No.	Project Location ⁴ , Street Address	Name of Developer	Project Phase No. ⁵	Project Type & Description ⁶	Project Watershed ⁷	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁸	Total Replaced Impervious Surface Area (ft ²) ⁹	Total Pre- Project Impervious Surface Area ¹⁰ (ft ²)	Total Post- Project Impervious Surface Area ¹¹ (ft ²)
Private Projects											
Cancer Support Community	Unaddressed Mount Diablo Boulevard	Cancer Support Community of San Francisco Bay Area	N/A	12,000 SF Commercial Space	Las Trampas	5.75	1.75	25,265	0	0	25265
Public Projects											
First Street Rain Garden	3501 Golden Gate Way	City of Lafayette	N/A	Rain Garden Park	Las Trampas	0.13	0.06	0	0	0	0

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 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)
Comments:											

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										
Cancer Support Community	7/4/2020	6/21/21	Mark all inlets with “No Dumping – Drains to Bay”	Bioretention and permeable pavement	Flow through planters	O&M Agreement with the property owner	C.3.d.2. c Volume using 2in/hr rainfall	n/a	n/a	n/a

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										
First Street Rain Garden	1/1/2019	8/22/2022	Mark all inlets with "No Dumping - Drains to Bay"	Bio-Retention	Bio-Retention	City of Lafayette	C.3.d.2.c Volume using 2in/hr rainfall	n/a	n/a	n/a
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)
Las Trampas School	3460 Lana Lane	Las Trampas School	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 2021 - June 30, 2022												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁷	Status ³⁸	Description ³⁹	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁰	LID Treatment Reduction Credit Available ⁴¹	List of LID Stormwater Treatment Systems ⁴²	List of Non-LID Stormwater Treatment Systems ⁴³
The City of Lafayette had no Special Projects during the reporting period.												

Special Projects Narrative

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.

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

Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
2022 Surface Seal Project	Performed spot Pavement repairs and surfacing sealing on the existing roadway	Completed	No	Gi is not practical due to the limited scope of work and the lack of necessary infrastructure (water and irrigation)
First Street Rain Garden	Installation of Bio-retention basin and construction of trail and interpretive signs	Under Construction	Yes	Bio-retention basin constructed to treat water from surrounding street and sidewalks.
Library Remodel of Deck	Remodel of deck on the City Library	Under Construction	No	Interior remodel work on library. GI not appropriate

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

Project Name and Location ⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
First Street Rain Garden	Installation of Bio-retention basin and construction of trail and interpretive signs	Under Construction	Bio-retention basin constructed to treat surrounding runoff from street and sidewalks.

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

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

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

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

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

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

Program Highlights and Evaluation
 Highlight/summarize activities for reporting year:

Summary:
 Central Contra Costa Sanitary District provides inspection services for the City of Lafayette and provides data tracking and reporting as required by the MRP. The City’s business inspection plan and facilities lists have been updated for the 2022/2023 fiscal year. See details of inspection plans and activities below.

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 A” (Planned Inspections & Inventory)

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))	39
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))	1
One (1) NOV was issued during FY 21/22. A plumber finished the repair the same morning it was reported. Clean-up was confirmed within 10 days.	

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

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

	Enforcement Action (as listed in ERP) ⁴⁹	Number of Enforcement Actions Taken
Level 1	Verbal warning and/or written warning notice and education	0
Level 2	Notice of violation	1
Level 3	Formal enforcement (administrative penalties/cost recovery)	0
Level 4	Legal action and/or referral to state or federal agencies	0
Total		1

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 Category⁵⁰	Number of Actual Discharges	Number of Potential Discharges
Body shop, fleet operations, recycling, smog center, vehicle services, gas station	0	0
Commercial (including dry cleaning and recycling)	0	0
Food services, mini market, grocery	0	0
Pool and landscape maintenance	0	0
Property management, hotel	1	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:

None known.

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

⁵⁰List your Program's standard business categories.

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
SFEI - RMP Annual Meeting	10/14/21	<ul style="list-style-type: none"> CECs in Stormwater Green Infrastructure Watershed Modeling 	Central San-2	Central San-22	Central San-2	Central San-22
CWEA – Environmental Compliance Inspector Training (virtual)	6/2/22	<ul style="list-style-type: none"> Storm water illicit discharge tracking General inspector training 	Central San-1	Central San-11	Central San-1	Central San-11
CWEA –Annual Pretreatment, Pollution Prevention and Stormwater Conference	6/21-23/22	<ul style="list-style-type: none"> Stormwater program General inspector skills 	Central San-1	Central San-11	Central San-1	Central San-11
Commercial/Industrial Stormwater Inspection Training Workshop (Contra Costa County)	6/22/22	<ul style="list-style-type: none"> Outline available through CWP 	Central San-8	Central San-89	Central San-8	Central San-89
Comments: In addition to the trainings described above that were attended by Central San (Central Contra Costa Sanitary District provides inspection services for the City of Lafayette and provides data tracking and reporting as required by the MRP), the Public Works Manager attended the C.6 “Construction Inspector Training” conducted jointly by the Alameda County Clean Water Program and the Contra Costa Clean Water Program.						

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:
 All reports of potential illicit discharge or spills are followed up on as soon as possible by either an Engineering Department Inspector or the City of Lafayette’s Public Works Department staff. Sometimes spills are followed up on by the Central Contra Costa Sanitary District (CCCSD) at the request of City staff.

Matt Luttrupp, Engineering Services Manager, and Tim Clark, Assistant Engineer, participated in the CCCWP’s Management Committee during FY 21/22.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP’s FY 21/22 Annual Report for description of activities at the countywide or regional level.

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

Summary of any changes made during FY 21-22:
 The City’s Stormwater Pollution Control webpage was updated to provide the Engineering Department phone number (925-284-1951) as primary contact for issues, with Police Department remaining the alternate 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))	14
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	6
Discharges resolved in a timely manner (C.5.d.iii.(3))	14

Comments:

This year, staff received and responded to fourteen (14) reports of discharges. All incidents were investigated and followed by clean-up actions and/or repairs (as needed), and prevention BMPs were put in place when appropriate. All of the substantiated reports were resolved within 10 days. Reports included:

- Unsubstantiated -- two (2) of the fourteen (14) discharges were investigated and unsubstantiated.
- Not reaching storm drains/receiving waters -- six (6) of the fourteen (14) reports involved discharges that did not reach the storm drain or receiving waters.
- Reaching storm drains/receiving waters – six (6) of the fourteen (14) discharges reached the storm drain or receiving waters. The largest incident involved a multi-agency coordinated response to clean up a spill caused by a semi-truck that fell from the freeway onto the street--most of the vehicle liquids were cleaned up within 12 hours, and follow-up work occurred over the following days to ensure residual liquids would not enter the storm drain. One (1) sewage leak from an apartment complex is reported in C.5, as well as under C.4. One (1) incident involved a small break in a sewage pipe. Two (2) incidents involved “murky water” in the creek– one was identified as an EBMUD leak, which was repaired, and the source of the other was investigated but not identified although the issue resolved within a couple days. One (1) issue involved an EBMUD water main break in the street.

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)
6 Sites	0 Sites	2 Sites	57 Inspections
<p>Comments:</p> <p>Contra Costa County Building Inspection Department provides construction site controls services under contract with the City of Lafayette Planning and Building Department.</p> <p>The hillside sites are the ones with 5,000 sf of disturbance on ground that averages 15% or steeper. The high priority sites are the ones that either have a high probability of erosion or have had prior illicit discharges.</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>Does not Apply</p>			

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

	Enforcement Action (as listed in ERP) ⁵¹	Number Enforcement Actions Issued
Level 1 ⁵²	Verbal	15
Level 2	Notice to Comply (NTC)	0
Level 3	Notice of Violation (NOV)	0
Level 4	Stop Work	0
Total		15

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 type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input checked="" type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	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)	12
Comments: All violations not resolved within 10 business days either required clarification and timely re-inspections or site was in-active and owner was not able to be located.	

⁵¹Agencies should list the specific enforcement actions as defined in their ERPs.

⁵²For example, Enforcement Level 1 may be Verbal Warning.

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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:
 Results are in line with previous years. No significant trends materialized.

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:
 County grading inspection staff providing inspection services for the City of Lafayette found the program to be very effective. Monthly and rain event inspections are a good interval of time to ensure that sites are kept in compliance.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
n/a			

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:
 Refer to Section 7 in the CCCWP's FY20/21 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign.

C.7.c. Stormwater Pollution Prevention Education

No Change

C.7.d ► Public Outreach and Citizen Involvement Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.
 Use the following table for reporting and evaluating public outreach events

Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Although many of the Covid 19 pandemic restrictions started to lift the Cities primary outreach events such as the Art and Wine Festival were canceled out of an abundance of caution.</p> <p>Refer to the CCCWP's FY 21/22 Annual Report, Section 7 Public informational and outreach, for a full list of additional events and activities conducted at a county wide level.</p>		

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:

Refer to the CCCWP's FY 20/21 Annual Report, Section 7 Public Information and Outreach, for efforts conducted at the countywide or regional level.

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
<p>Due to the restrictions in place during the Covid 19 pandemic the events typically used for public outreach were cancelled or not permitted.</p> <p>Refer to the CCCWP's FY 20/21 Annual Report, Section C.7 Public informational and Outreach, for a full list of additional events and Activities conducted at a County wide level.</p>			

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance						
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				X	Yes	No
If no, explain:						
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.						
Trends in Quantities and Types of Pesticide Active Ingredients Used ⁵³						
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁴					
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
Organophosphates						
Active Ingredient Chlorpyrifos						
Active Ingredient Diazinon						
Active Ingredient Malathion						
Pyrethroids (see footnote #54 for list of active ingredients)						
Active Ingredient Type: Cyfluthrin	0.0018 lb	0.0021 lb	0.00225 lb	0.0021 lb	0.0016 lb	0
Active Ingredient Type: Deltamethrin					0.00008 lb	.00039 lb
Carbamates						
Active Ingredient Carbaryl						
Active Ingredient Aldicarb						
Fipronil	8.04 lb					
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount					

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

⁵⁴Weight 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.

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
Indoxacarb						
Diuron						
Diamides						
Active Ingredient Chlorantraniliprole						
Active Ingredient Cyantraniliprole						
<p>Reasons for increases in use of pesticides that threaten water quality:</p> <p>The increased amount of Deltamethrin is due to two factors: Terminix (certified pesticide applicator) switched from using Cyfluthrin to Deltamethrin at the Library in FY 20/21. The Police Station developed a pest issue, so Terminix began servicing that building with Deltamethrin in October 2021.</p>						
<p>IPM Tactics and Strategies Used:</p> <p>Deltamethrin is used in a very small quantity and applied away from water sources; therefore, it is presumed not to threaten water quality. Public Works has continued to limit the amount of chemicals used in the public right-of-way by increasing hand-removal of weeds and weed eating as much as possible. Small amounts of chemicals are sprayed on weeds and pests that are not able to be abated in other ways. County Vector Control used boxes to trap rats at the Corporation Yard.</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.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	N/A
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.	N/A
Type of Training:	

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?	<input checked="" type="checkbox"/>	Yes	No
If yes, did your municipality evaluate the contractor’s list of pesticides and amounts of active ingredients used?	<input checked="" type="checkbox"/>	Yes	No,
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored</p> <p>The City of Lafayette requires their contractors to obtain the City’s approval before using any pesticide, staff participates in IPM trainings to stay up-to date on improved IPM tactics and strategies, and the City’s contractors have qualified applicator licenses and certificates. The City implements IPM methods and follows their IPM Policy. For instance, at the Public Works Yard, Contra Costa Mosquito Vector Control’s recommendations are followed to trim vegetation away from the buildings and plug holes instead of using chemicals for rats. Pest monitoring is conducted at City sites and non-chemical pest control actions are evaluated and implemented whenever possible before application of pesticides.</p> <p>Contractors apply pesticides as needed. Public Works contracts with Terracare for this service. On January 25, 2022, the Terracare crew received “Pesticide Safety Training.” If pesticides are needed in the future by the Parks Department, P.J. McNamara Inc. would perform the work. Both contractors possess a qualified applicator license and certificate.</p> <p>Terminix performs work for the City’s Library and Learning Center, and they began providing the work for the Police Department in October 2022. They have a qualified applicator license and certificate. They provide monthly service, including inspecting facility conditions and recommending non-chemical pest control actions, which describes pesticide use and is reported in Section C.9.a. They agree to the City’s IPM.</p>			

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 type="checkbox"/>	Yes	<input checked="" type="checkbox"/> No

If yes, summarize the communication. If no, explain.			
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>
			No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. N/A			

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

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals); AND/OR reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); AND/OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.
Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP FY 21-22 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

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

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

Summary:

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

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary	
For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High, or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage	
Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	51.1
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁵⁵	40.6
Percent Trash Reduction due to Jurisdiction-wide Source Control Actions (as reported in C.10.b.iv)	0
SubTotal for Above Actions	91.7
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	
Total (Jurisdiction-wide) % Trash Load Reduction through FY 2021-22	91.7
Discussion of Trash Load Reduction Calculation:	
The City of Lafayette continues to perform on-land clean-ups. Please see “Attachment B” for a baseline trash generation map.	

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

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

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed during FY 21-22, and prior to FY 21-22, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 21-22		
None.		
Installed Prior to FY 21-22		
Full Trash Capture Units Approved by the SFRWQBC - Connector Pipe Screens	38	32
Total for all Systems Installed To-date	38	32
Treatment Acreage Required by Permit (Population-based Permittees)		20
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

Permittee Name: City of Lafayette

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

Provide the following:

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

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 21-22	Summary of Maintenance Issues and Corrective Actions
1	32.5	38	97%	Thirty-seven (37) full trash capture units were found to be at >50% capacity during a regular maintenance inspection/cleaning. Corrective action: the maintenance frequency/schedule has been increased. (At the first inspection of FY 22/23, only 3 units were at >50% capacity.) Regular maintenance: REM serviced the units three (3) times. At the visits, vehicles covered 1, 3, or 4 of the 38 units, so REM could not service those units. When the units are not available for servicing during REM's maintenance visit, the City's Public Works crew services them.
2	18.6			
3	0			
4	0			
Total	51.1			

Certification Statement:

The City of Lafayette 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.

Permittee Name: City of Lafayette

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	N/A - TMA 1 is the area of the commercial downtown Core Area containing full trash capture units. 2010-2012. December 2022: Bigbelly trash and recycle units, which offer a higher capacity and are enclosed, replaced most of the standard refuse cans.
2	TMA 2 is the remaining area of the City’s commercial downtown Core Area. Some of the area is treated by full trash capture and is low trash generating. Medium trash areas are cleaned up with additional trash pick-ups, as needed. December 2022: Bigbelly trash and recycle units, which offer a higher capacity and are enclosed, replaced most of the standard refuse cans.
3	TMA 3 is comprised of parcels spread out over the City. These parcels are primarily schools (both public and private), churches, swim clubs, etc. Most of these parcels are low trash generating. Schools are designated as non-jurisdictional.
4	TMA 4 includes the remainder of the City, comprised primarily of residential parcels. The large majority of this TMA is low trash generating. Some areas along the right of ways of arterial roadways are designated as medium trash generating due to trash being thrown from cars or pedestrian litter. These areas are addressed by on-land trash pickup by the City’s maintenance crews.

Improved Trash Bin/Container Management: In December 2021, forty-eight (48) of the City’s Core Area (TMAs 1 and 2) trash and recycling receptacles were swapped with Bigbelly units, which have a greater capacity and are fully-enclosed. A Bigbelly recycle unit was placed at a new location in the Core Area.

Summary of Trash Control Measures Other than Full Capture Devices: (Do not delete this section – include in annual report)

- **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 21-22, including any enhancements or new actions implemented in FY 21-22. 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 21-22, including any enhancements or new maintenance activities implemented in FY 21-22. 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 21-22, including any enhancements or new actions implemented in FY 21-22. 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 21-22, and any enhancements or new actions implemented in FY 21-22. 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 21-22, and any enhancements or new actions implemented in FY 21-22. 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 21-22, and any enhancements or new (post December 2009 effective date) actions implemented in FY 21-22.

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

Provide the following:

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

If no on-land visual assessments were performed, check here and state why:

Explanation:

TMA ID <i>or (as applicable)</i> Control Measure Area	Total Street Miles ⁵⁶ or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Available Street Miles or Acres Assessed	Avg. # of Assessments Conducted at Each Site	
1	0.00	NA	NA	NA	0.0
2	0.33	0.19	57.64	5	9.2
3	0.45	0.19	42.48	5	3.9
4	1.42	0.62	43.50	5	27.6
Total		1.0	45.4	16	40.6

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

C.10.b.iv ▶ Trash Reduction – Source Controls

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

Source Control Action	Summary Description & Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
N/A	N/A	N/A	N/A	N/A

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 21-22 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 21-22.

Trash Hot Spot	New Site in FY 21-22 (Y/N)	FY 21-22 Cleanup Date(s)	Volume of Trash Removed (cubic yards)					
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
1a – Leigh Creekside Park	N	9/17/21	.22	.40	.27	.45	.38	.5
1b – Lafayette Community Park	N	9/17/21	.10	.00	.27	.15	.19	0

Permittee Name: City of Lafayette

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
Schools are designated as non-jurisdictional. FY 15/16	3
Several parcels were re-evaluated and categorized as low trash generating. FY 16/17	2, 3, and 4
A few parcels were re-evaluated and categorized as medium trash generating. FY 16/17	2 and 4

Permittee Name: City of Lafayette

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

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

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 21-22	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	Community Day (June 4, 2022) – Approximately sixteen (16) 25-gallon bags collected of trash and dead vegetation were collected at the creeks next to Leigh Creekside Park and the gazebo. Creeks Committee Clean-ups (Various 2022) - Approximately ten (10) 25-gallon backs of trash and dead vegetation were collected at the creeks next to Leigh Creekside Park and the gazebo.	4.95 CY	N/A (no offsets taken)
Direct Trash Discharge Controls (Max 15% Offset)			

FY 2021-2022 Annual Report

Permittee Name: City of Lafayette

C.10 – Trash Load Reduction

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

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.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems					Jurisdiction - wide Reduction via Full Capture Systems (%)	Trash Generation Area (Acres) in FY 21-22 After Accounting for Full Capture Systems & Other Measures					Jurisdiction - wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	20	0	0	20	20	0	0	0	20	32.5	20	0	0	0	20	0.0	32.5
2	342	19	0	0	361	353	8	0	0	361	18.6	358	3	0	0	361	9.2	27.8
3	78	2	0	0	81	78	2	0	0	81	0.0	80	0	0	0	81	3.9	3.9
4	8779	18	0	0	8798	8779	18	0	0	8798	0.0	8796	2	0	0	8798	27.6	27.6
Totals	9200	60	0	0	9259	9231	29	0	0	9259	51.1	9254	5	0	0	9259	40.6	91.7

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

Section 11 - Provision C.11 Mercury Controls

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

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

- Documentation of mercury control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁷ was used to calculate the mercury load reduced by each control measure implemented in our agency’s jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

C.11.e ▶ Implement a Risk Reduction Program

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

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

Section 12 - Provision C.12 PCBs Controls

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

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

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

See the CCCWP FY 2021-22 Annual Report for:

- Documentation of PCBs control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁸ was used to calculate the PCBs load reduced by each control measure implemented in our agency’s jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

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

See the CCCWP FY 2021-22 Annual Report for:

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

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

C.12.h ► Implement a Risk Reduction Program

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

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

The City's application for building permit includes an applicant's statement whether architectural copper will be installed as part of the project. Applicants are advised that runoff from copper features cannot be discharged directly into storm drains

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:

None during fiscal year 21/22

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 facilities have been identified by the City of Lafayette

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:

Summary:

- 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.
- Lafayette supports Sustainable Lafayette (www.sustainablelafayette.org) and its programs to conserve water, promote less toxic pest control and landscape management, and use native plants and drought tolerant landscaping.
- Standard conditions of approval for projects requiring discretionary review include requirements to design landscape and irrigation plans to minimize irrigation and runoff, promote surface infiltration where appropriate, and minimize the use of fertilizers and pesticides that can contribute to stormwater pollution.
- The City has an adopted the state's model WELO