



City of Martinez

525 Henrietta Street, Martinez, CA 94553-2394

September 30, 2022

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 2021-22 Annual Report for the City of Martinez, 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.

Very truly yours,

Michael Chandler,
Acting City Manager
City of Martinez

Enclosure

Table of Contents

| Section | Page |
|---|-------------|
| Section 1 – Permittee Information | 1-1 |
| Section 2 – Provision C.2 Municipal Operations..... | 2-1 |
| Section 3 – Provision C.3 New Development and Redevelopment | 3-1 |
| Section 4 – Provision C.4 Industrial and Commercial Site Controls..... | 4-1 |
| Section 5 – Provision C.5 Illicit Discharge Detection and Elimination | 5-1 |
| Section 6 – Provision C.6 Construction Site Controls..... | 6-1 |
| Section 7 – Provision C.7 Public Information and Outreach..... | 7-1 |
| Section 9 – Provision C.9 Pesticides Toxicity Controls | 9-1 |
| Section 10 – Provision C.10 Trash Load Reduction | 10-1 |
| Section 11 – Provision C.11 Mercury Controls | 11-1 |
| Section 12 – Provision C.12 PCBs Controls | 12-1 |
| Section 13 – Provision C.13 Copper Controls | 13-1 |
| Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges..... | 15-1 |

Section 1 – Permittee Information

| Background Information | | | | |
|---|--|-------------|-----------------------|----------------------|
| Permittee Name: | City of Martinez | | | |
| Population: | 37,658 | | | |
| NPDES Permit No.: | CAS612008 | | | |
| Order Number: | R2-2015-0049 | | | |
| Reporting Time Period (month/year): | July 2021 through June 2022 | | | |
| Name of the Responsible Authority: | Eric Figueroa | Title: | City Manager | |
| Mailing Address: | 525 Henrietta Street | | | |
| City: | Martinez | Zip Code: | 94553 | County: Contra Costa |
| Telephone Number: | 925-372-3505 | Fax Number: | 925-372-3507 | |
| E-mail Address: | efigueroa@cityofmartinez.org | | | |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Khalil Yowakim | Title: | Senior Civil Engineer | |
| Department: | Engineering | | | |
| Mailing Address: | 525 Henrietta Street | | | |
| City: | Martinez | Zip Code: | 94553 | County: Contra Costa |
| Telephone Number: | 925-372-3569 | Fax Number: | 925-372-3557 | |
| E-mail Address: | kyowakim@cityofmartinez.org | | | |

Section 2 - Provision C.2 Reporting Municipal Operations

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

Summary:
Approximately 42 Maintenance Staff are involved in performance of the Maintenance Standards. The City participated in the Contra Costa Clean Water Program's (CCCWP's) Municipal Operations Committee. City staff members routinely attend training classes and workshops to assure that their level of knowledge is kept current so that they can effectively implement program requirements. The City of Martinez Maintenance Staff is responsible for the following tasks: Street Sweeping, Water System Maintenance, Street Maintenance, Landscape Maintenance, Graffiti Removal, Vehicle Maintenance, and Building Maintenance.

Refer to the C.2 Municipal Operations section of the CCCWP FY 21-22 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:
No Comments

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:
No Comments

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. |
| N/A | Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities. |

Comments:
New information and regulations are discussed, as needed, at regular staff meetings.

| 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. | |
| N/A | Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas |
| N/A | Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources |
| N/A | No impact to creek functions including migratory fish passage during construction of roads and culverts |
| N/A | Inspection of rural roads for structural integrity and prevention of impact on water quality |
| N/A | Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion |
| N/A | Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate |
| N/A | 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: No comments | | | | |
| 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 |
| City of Martinez Corporation Yard | See <u>Attachment #1</u> | Sep. 10, 2022 | Inspection results shown on <u>Attachment #1</u> | See <u>Attachment #1</u> |

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 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):

C.3.e.v ► Special Projects Reporting

| | | | | |
|---|--------------------------|-----|-------------------------------------|----|
| 1. In FY 2021-22, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | 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. | <input type="checkbox"/> | Yes | <input checked="" 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.
N/A

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 /HM controls.

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

| Site Inspections Data | Number/Percentage |
|--|-------------------|
| Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY 20-21) | 16 |
| 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) | 17 |
| 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) | 16 |
| Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 21-22) | 94% 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:

- **Stormwater control facilities are designed in accordance with the CCCWP C.3 Guidebook, and inspected by City staff during construction.**
- **All stormwater Operation and Maintenance Plans, for regulated projects, are kept at the City Engineer's Office for reference.**
- **City staff inspected public and private bio-retention basins and bio-swales. Inspected facilities are working as intended.**
- **Vault based systems (CDS units) are not easily accessible and were not inspected by City staff. Inspection of vault-based systems is performed by qualified outside firm(s).**
- **Vegetation in some bio-retention basins need enhancement.**
- **Trash observed at some bio-retention basins during inspections. Trash level is much less than observed last year.**

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:

No changes proposed.

- **Overall, the current operation and maintenance program is working very well.**
- **Facilities maintained by homeowner associations, are generally well maintained.**
- **Less trash observed at bioretention basins in FY 21-22 than that of FY 20-21.**

**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 contains requirements and instructions on runoff reduction measures, and a project data summary data sheet. Proposed stormwater control improvements are included in the construction documents.

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. The City's Green Infrastructure Plan was adopted in December 2019. The Plan includes, among other things, green infrastructure design guidelines, and tools for identifying, selecting and prioritizing public projects that may include Green Infrastructure improvements. Public projects are evaluated at the planning phase for the potential and feasibility of including green infrastructure improvement. Engineering and Planning Departments staff meets regularly to discuss City-wide projects and implementation of the Municipal Reginal Permit provisions. On May 24, 2022, City Planning and Engineering staff attended Planning, Design and Construction of Low Impact Development Features and Facilities workshop by CCCWP. The workshop included discussion on C.3 update, green infrastructure identification & design, construction drawings, implementation and landscaping of bio-retention facilities.

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

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

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

Background Information:

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

Refer to the May 6, 2016 BASMAA (currently BAMSC) document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects." See Attachment #9

Summary of Planning or Implementation Status of Identified Projects:

See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

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

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

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 | | | | | | | | | | | |
| Sunrise Self-Storage Project | 4841 Sunrise Drive Martinez, CA. 94523 | Sunrise Storage Partners, LLC | 1 | Self-storage facilities | Pacheco Creek | 5.92 | 2.79 | 109,859 | 4,685 | 8,280 | 106,264 |
| Dutch Bros Coffee | 3455 Alhambra Ave Martinez, CA. 94523 | Dutch Bros Coffee | 1 | Coffee shop/ restaurant | Alhambra Creek | 0.71 | 0.26 | 895 | 6,915 | 25,505 | 23,831 |
| Minor Subdivision MS 552-21 | 4110 Alhambra Way Martinez, CA. 94523 | Oakwood Holding LLC | 2 | Assisted living facilities | Alhambra Creek | 1.24 | 0.80 | 18,640 | 8,760 | 24,680 | 27,400 |
| | | | | | | | | | | | |
| Public Projects | | | | | | | | | | | |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Comments: No Public works projects. | | | | | | | | | | | |

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 | | | | | | | | | | |
| Sunrise Self-Storage Project | 9/28/2021 | 10/26/2021 | <ul style="list-style-type: none"> Inlet stenciling (no dumping) Interior floors to drain to the sewer Landscape maintenance using minimum or no pesticide Sidewalk & parking lot sweeping and trash collection | <ul style="list-style-type: none"> Pre-developed site with limited development envelope. Preserved existing landscape area | Bio-Retention Basin(s) | Owner/Developer | C.3.d.i.1.b | N/A | N/A | Yes |
| Minor Subdivision MS 552-21 | 11/29/2021 | 4/26/2022 | <ul style="list-style-type: none"> Inlet stenciling (no dumping) | <ul style="list-style-type: none"> Pre-developed site with limited | Bio-Retention Basin(s) | Owner/Developer | C.3.d.i.1.b | N/A | N/A | No |

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 (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} |
|-----------------------------|---|---|--|--|--|---|---|---|--|--|
| | | | <ul style="list-style-type: none"> Minimize the use of pesticides. Minimized landscape irrigation. No vehicle repair or cleaning onsite. Refuse receptacles will be covered. | development envelope. <ul style="list-style-type: none"> Alhambra creek area is preserved. Minimize imperviousness. use of previous pavers. | | | | | | |
| Dutch Bros. Coffee | 4/4/2022 | 9/26/2022 | <ul style="list-style-type: none"> Inlet stenciling (no dumping) Interior floors to drain to the sewer Landscape maintenance using minimum or no pesticides Sidewalk & parking lot sweeping and trash collection | <ul style="list-style-type: none"> Pre-developed site. Existing building and parking lot to be renovated and reused with minor improvement. Preserved existing landscape area. Reduce impervious area. | Bio-Retention Basin(s) | Owner/ Developer | C.3.d.i.1.b | N/A | N/A | No |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

**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 | | | | | | | | | | |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Comments: No Public Projects. | | | | | | | | | | |

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) |
|------------------------------------|---|--|---------------------------------------|
| Minor Subdivision MS 551-17 | 54/56 Morello Ave, Martinez, Ca. 94553 | Developer/owner | Treatment only |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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 |
| | | | | | | | | | 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 |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

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.

FY 2021 - 2022 Annual Report
Permittee Name: City of Martinez

C.3 – New Development and Redevelopment

Special Projects Narrative: Not applicable

| 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 |
| Pacheco Boulevard Improvement (Regulated Project) | Installing a traffic signal and street widening improvement within the City Limits from Arnold Drive to Sunrise Drive. | The project design is 75% complete. The project is currently on hold pending other agencies (County and Caltrans) completing their studies and plans for the area. | Bio-retention basin(s). | Bio-retention basin(s) to be installed with the street improvement. |
| Ward Street Landscape Improvement Project | Street Landscaping improvement. | Preliminary Planning Phase | TBD | Bio-retention basins/bio-swales will be considered where feasible and practical to implement with proposed street landscape. |
| Alhambra Ave Improvement Project | Street improvement. | Preliminary Planning Phase. | TBD | Bio-retention basins/bio-swales will be considered where feasible and practical to implement with proposed street improvement. |
| Parking lot # 4 Renovation Project | Parking lot Renovation, landscaping along street frontage. | Preliminary Planning Phase. Construction in 2023-24 | Bio-retention basin(s). | Bio-retention basins/bio-swales will be considered where feasible and practical to implement. |
| Parking lot # 2 Renovation Project | Parking lot renovation and paving. | Preliminary Planning Phase. Construction in 2023-24 | TBD | Bio-retention basins/bio-swales will be considered where feasible and practical to implement. |
| Golden Hills Park Renovation Project | Park renovation. | Construction complete | No | It is not feasible for green infrastructure |

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.

| | | | | |
|--|--|---|-----------------------|--|
| 2018 Alhambra Creek Sediment Removal Project | Sediment removal from bottom of creek; approximately 3,100 CY. | Design is complete. Construction in 2023-2024 | Yes- Sediment removal | Design is complete. Pending budget allocation and permits from other agencies. |
| | | | | |

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 |
|--|--|---|--|
| Parking Lot 4 Renovation | Demolition of existing building, modify parking lot | Project in preliminary design phase. Construction expected in 2022-2024 | Yes- bio-retention basin(s) |
| Parking Lot 2 Renovation | Modifying parking lot to add Green infrastructure facilities. | Project in preliminary design phase. Construction in 2023-2024 | Yes-TBD |
| 2018 Alhambra Creek Sediment Removal Project | Sediment removal from bottom of creek; approximately 3,100 CY. | Design is complete. Construction expected in 2023-2024 | Yes- Sediment removal |
| "G" Street Curb Replacement Project | Replacing damaged curb and gutter | Project is currently in the design phase (60% complete). Construction expected in 2023/24 | Yes- Pending final approval |

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:

- The City utilizes its Enforcement Response Plan (ERP) and Industrial and Commercial Business Inspection Plan. These plans were updated to conform to the 2016 ERP models prepared by the CCCWP. The Industrial and Commercial Business Inspection Plan contain facilities list for inspection, inspection frequencies and priorities of facilities required inspection.
- Central Contra Costa Sanitary District (CCCSD) conducts inspections on behalf of the City. The City provides information to CCCSD, as needed, to update the list of businesses subject to inspection. CCCSD inspectors are qualified to conduct inspections.
- The City participates in a countywide committees or work groups.
- Refer to the C.4. Industrial and Commercial Site Controls section of the countywide Program's FY 21-22 Annual Report for a description of activities of the countywide program and/or the BASMAA (Currently BAMSC) Municipal Operations Committee.
- See Attachment #6 for inspection/investigation flow chart.

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 #2 for 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)) | 75 |
| 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: | |

All violations were resolved in timely manner.

CCCSD conducts Industrial and Business inspections on behalf of the City in accordance with City’s Enforcement Response Plan and enforcement flow chart. Verbal and or written warning notices are issued at Notice of violation (NOV) Level 1 action and a follow up inspection. Notice of violation is issued at Level II enforcement action and follow up inspection conducted to ensure corrective action is taken before the next rain event but no longer than 10 business days.

- For Facility Inspections (total number of inspections conducted by CCCSD for this FY, see [Attachment #3](#)).
- For Stormwater Enforcement Summary of the violations, see [Attachment #4](#).

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 | Written Notice (WN) or Verbal Warning (VW) | 1 |
| Level 2 | Notice of Violation, Stop work order | 3 |
| Level 3 | Formal Enforcement (Administrative penalties or cost recovery) | 0 |
| Level 4 | Legal Action and/or Referral to State and Federal Agencies | 0 |
| Total | | 4 |

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

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

| Business Category ⁵⁰ | Number of Actual Discharges | Number of Potential Discharges |
|---------------------------------|-----------------------------|--------------------------------|
| Food Service | 0 | 1 |
| Mini-mart | 0 | 0 |
| Multi-unit | 0 | 0 |

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

⁵⁰List your Program’s standard business categories.

| | | |
|-------------------|---|---|
| Gas Station | 0 | 0 |
| Grocery Store | 0 | 0 |
| Manufacturing | 0 | 0 |
| Retail | 0 | 0 |
| Vehicle Service | 1 | 0 |
| Hardware | 0 | 0 |
| Body Shop | 0 | 1 |
| Food Service | 0 | 1 |
| Commercial | 0 | 0 |
| Fleet operations | 0 | 0 |
| Dry Cleaner | 0 | 0 |
| Building Supplies | 0 | 0 |
| | | |
| | | |
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| | | |

C.4.d.iii.(2)(e) ► Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:
There were no industries identified as non-filers during scheduled inspections during this fiscal year.

| 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 (CCCSD)-2 | Central San (CCCSD)-22 | 0 | 0 |
| WEF – Weftec Annual Conference | 10/15-21/21 | <ul style="list-style-type: none"> • CECs in Stormwater • Green Infrastructure • Watershed Management • Water Quality | WCWD-1 | WCWD-50 | 0 | 0 |
| CWEA – Illicit discharge tracking webinar (virtual) | 3/4/22 | General inspector skills | WCWD-1 | WCWD-50 | 0 | 0 |
| Virtual statewide conference on illegal dumping (Alameda County Supervisor Miley) | 4/19-20/22 | <ul style="list-style-type: none"> • General inspector skills • Green infrastructure • Stormwater program | WCWD-1 | WCWD-50 | 0 | 0 |
| 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 (CCCSD)-1 | Central San (CCCSD)-11 | 0 | 0 |
| 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 (CCCSD)-1 Delta Diablo-1 WCWD -1 | Central San (CCCCSD)-11 Delta Diablo-33 WCWD- 50 | 0 | 0 |
| Commercial/Industrial Stormwater Inspection Training | 6/22/22 | Outline available through CWP | Central San (CCCSD)-8 Delta Diablo-0 WCWD-0 | Central San (CCCSD)-89 Delta Diablo-0 | 0 | 0 |

| | | | | | | |
|--|--|--|--|--------|--|--|
| Workshop (Contra Costa County) | | | | WCWD-0 | | |
| Comments: Central Contra Costa Sanitary District (CCCSD) conducts inspections for commercial / industrial business on behalf of the City. | | | | | | |

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:

- Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP FY 21-22 Annual Report for a description of activities implemented at the countywide and/or regional level.
- Being a small jurisdiction, the City uses EXCEL spread sheet for tracking inspections. This method is sufficient for tracking compliance with specific violations. The City is currently evaluating using available software(s) for this purpose.
- The City participated in CCCWP Municipal Operation Committee in FY 2021-22.

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

Summary of any changes made during FY 21-22:
No Change

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)) | 0 |
| Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2)) | 0 |
| Discharges resolved in a timely manner (C.5.d.iii.(3)) | N/A |

Comments:
See Attachment #5.
Four notices received regarding potential discharges. All incidents were resolved in timely manner. No Spills or discharges reached the storm drain (MS4) system.

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) |
| 1 | 1 | 3 | 36 |
| <p>Comments: Total of 36 inspections conducted at the following three sites: Laurel Knoll (Subdivision 9263), Traditions at the Meadow (Subdivision 9358), and 315 Summerhill Lane (residential hillside lot) and Residential lot on Prospect Ave (hillside lot). No spills or discharges to the storm drain system.</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>Total of 8 inspections conducted at Minor Subdivision MS 551-17 on 54/56 Morello Ave.</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 | Written Notice (WN) or Verbal Warning (VW) | 8 |
| Level 2 | Notice of Violation, Stop Work Order | 0 |
| Level 3 | Formal Enforcement (Administrative penalties or cost recovery) | 0 |
| Level 4 | Legal Action and/or Referral to State and Federal Agencies | 0 |
| Total | | 8 |

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) | 0 |
| Comments: No enforcement action reported. | |

⁵¹Agencies should list the specific enforcement actions as defined in their ERPs.
⁵²For example, Enforcement Level 1 may be Verbal Warning.

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

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

Description:
All enforcement actions were level one (Written Notice).
All enforcement actions done were resolved in a timely manner. No discharge to MS4 system observed.
No Notice of Violation or enforcement actions levied this fiscal year.

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 uses the Construction Site Inspection form developed by the CCCWP. The form is used as a check list to assist inspectors in the field. The City conducted in-house trainings for inspectors, if necessary. Inspection data and related information is transferred to an EXCEL spreadsheet for tracking.**
- **The inspection form was developed CCCWP. It provides a good guidance for inspectors in the field. This method of collecting and tracking information is adequate for the size of the construction activities within the City.**
- **The City's Enforcement Response Plan (ERP) updated in 2016 to conform to the latest model plan developed by CCCWP.**
- **The City has a certified QSP staff who conduct inspections during construction.**
- **Refer to the C.6 Construction Site Control section of countywide program's FY 21-22 Annual Report for a description of activities at the countywide or regional level.**

C.6.f.iii ► Staff Training Summary

| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance |
|--|----------------|---|---------------------------------|
| Construction Stormwater Training Workshop by CCCWP | 3/30/2022 | General review of the MRP, construction inspection , General Construction Permit, Section C.6 update and general questions by participants. | 3 |
| Planning, Design and Construction of Low Impact Development Features and Facilities by CCCWP | 5/24/2022 | Provision C.3 update, green infrastructure identification & design, construction drawings, landscaping of bio-retention basins and construction implementation. | 3 |

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 Annual Report for a summary of activities related to the planning and development of an Outreach Campaign.
- See **Attachment #7** for the City of Martinez / New Leaf Collaborative Eco Programs Report for FY 2021-22.
- See **Attachment #8** for a list of Public Information/Participation Events and Activities performed by the Contra Costa Clean Water Program on behalf of the City.

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 |
|--|--|--|
| 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., Enviroscape presentation, pesticides, stormwater awareness) | Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. |

| | | |
|---|---|--|
| | | <ul style="list-style-type: none"> • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts |
| <p>City of Martinez/ New Leaf Collaborative (NLC) programs for FY 21/22 (See <u>Attachment #7</u>):</p> | <p><u>Schools and students served:</u> Martinez Unified School District Schools students (MUSD), including John Swett, John Muir, Las Juntas, and Morello Park Elementary Schools. NLC Programs: Recycling education, watershed education and community outreach.</p> | <p>NLC conducted effective educational programs. Approximately 1640 students and 195 staff participated in the programs activities.</p> |
| <p>Public Information/Participation Events and Activities performed by the Contra Costa Clean Water Program on behalf of the City. (see <u>Attachment #8</u>)</p> | <p>Description listed in Attachment #8</p> | |
| <p>April through May, 2022 "Bringing Back the Natives" Virtual Garden and in person Tours</p> | <p>This is a tour to encourage landscaping using native plants, minimizing pesticide usage, and conserving water for county residents. Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the event.</p> | <p>Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event</p> |
| <p>Our Water Our World (Tabling/Outreach Events at Stores and Online Integrated Pest Management Trainings)</p> | <p>Includes Tabling/Outreach Events at retail outlets. Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the event.</p> | <p>Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event.</p> |
| <p>Website: CCCleanWater.org Community Calendar</p> | <p>Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the event.</p> | <p>Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event.</p> |

| | | |
|---|--|--|
| Volunteer Field Monitoring Equipment Maintenance Support | Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of this effort. | Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of this effort. |
| Social media posts - Sagent Marketing | Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of this effort. | Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of this effort. |

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

- 1) **City of Martinez /New Leaf Collaborative (NLC) programs -FY 2021-22. See Attachment #7:**
New Leaf Collaborative (NLC) is a partnership network that provides hands-on, experiential learning and leadership opportunities, in areas of science, nature and ecological literacy in order to nurture the social and emotional health of K-14 students, educators and community partners.
Approximately 1150 students from John Swett, John Muir, Las Juntas, and Morello Park Elementary Schools participated in lessons focused on watershed education, including tracking the impact of storm drain pollution in Alhambra Creek watershed, along Alhambra Creek to the Carquinez Strait, and protecting plants and wildlife in the watershed.
- 2) **Refer to the CCCWP's FY 21-22 Annual Report, Section 7 Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness.**
- 3) **See Attachment #8 for Public Information/Participation Events and Activities performed by the Contra Costa Clean Water Program on behalf of the City including:**
 - a. **April through April/May 2022 "Bringing Back the Natives" Virtual Garden Tour.**
 - b. **Program Participation in the Contra Costa Watershed Forum.**
 - c. **Green Business Program.**
 - d. **Website: CCCleanwater.org Community Calendar.**

| 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. |
| 1. City of Martinez /New Leaf Collaborative (NLC) programs for FY 2021-22 (see Attachment #7) | NLC conducted programs at Martinez Unified School District Schools students (MUSD), including John Swett, John Muir, Las Juntas, and Morello Park Elementary Schools. The programs include recycling education, watershed education and community outreach. | Approximately 1640 students and 195 staff participated in the various activities. | NLC program is very effective in reaching school-age children. |
| See Attachment #8 Refer to the C.7 Section of the countywide program's FY 21-22 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level. | | | |
| Mr. Funnelhead School, City/County Events and TV Ads | Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for activity description. | Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for details on number of students/teachers reached. | Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for evaluation of effectiveness. |

| | | | |
|---|---|---|--|
| <p>Youth outreach Facebook and Instagram campaign</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for activity description.</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for details on number of students/teachers reached.</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for evaluation of effectiveness.</p> |
| <p>September 31 Snapchat Geo-filter for the 2021 coastal cleanup Day events in CCC</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for activity description.</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for details on number of students/teachers reached.</p> | <p>Refer to the Fiscal Year 21-22 Group Program Annual Report, Section C.7 for evaluation of effectiveness.</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 | <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 suggest reasons for increases in use of pesticides that threaten water quality , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation. | | | | | | | |
| Trends in Quantities and Types of Pesticide Active Ingredients Used ⁵³ | | | | | | | |
| Pesticide Category and Specific Pesticide Active Ingredient Used | Amount ⁵⁴ | | | | | | |
| | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 | FY 21-22 | |
| Organophosphates | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Chlorpyrifos | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Diazinon | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Malathion | 0 | 0 | 0 | 0 | 0 | 0 | |
| Pyrethroids (see footnote #54 for list of active ingredients) | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Type X | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Type Y | 0 | 0 | 0 | 0 | 0 | 0 | |
| Carbamates | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Carbaryl | 0 | 0 | 0 | 0 | 0 | 0 | |
| Active Ingredient Aldicarb | 0 | 0 | 0 | 0 | 0 | 0 | |
| Fipronil | 0 | 0 | 0 | 0 | 0 | 0 | |
| Pesticide Category and Specific Pesticide Active Ingredient Used | Amount | | | | | | |
| | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 | FY 21-22 | |

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, lambda-cyhalothrin, and permethrin.

| | | | | | | |
|---|---|---|---|---|---|---|
| Indoxacarb | 0 | 0 | 0 | 0 | 0 | 0 |
| Diuron | 0 | 0 | 0 | 0 | 0 | 0 |
| Diamides | 0 | 0 | 0 | 0 | 0 | 0 |
| Active Ingredient Chlorantraniliprole | 0 | 0 | 0 | 0 | 0 | 0 |
| Active Ingredient Cyantraniliprole | 0 | 0 | 0 | 0 | 0 | 0 |
| Reasons for increases in use of pesticides that threaten water quality: N/A | | | | | | |
| IPM Tactics and Strategies Used: Weeding around public buildings, using mulch, trimming trees along roof lines, sealing holes in structures, improving building custodial sanitation procedures (removing all trash and food wastes daily). | | | | | | |

| | |
|---|-------------|
| 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. | 3 |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year. | 3 |
| 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: Three City staff received PAPA training on February 9,2022; and on March 2,16,30, 2022 for spraying of pesticides. | |

| 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 | <input type="checkbox"/> No |
| If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used? | <input checked="" type="checkbox"/> | Yes | <input type="checkbox"/> 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>Before any pesticides are applied, staff reviews pest control alternatives which may include physical actions such as removing food, plugging holes and using mulch for weed control. In addition, staff consults with the contractor before any pesticides are applied to ensure they are meeting the City's IPM standards. Where pesticides are the most fitting solution, staff will verify that contractor(s) are following IPM and monitor the contractor(s) work progress regularly. Detailed work reports are made that include materials used and the pests observed and are made available online to staff. The City's IPM policy (including any major updates) is provided to the contractor(s).</p> | | | |
| <p>If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.</p> <p>N/A</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 checked="" type="checkbox"/> | Yes | <input type="checkbox"/> No |
| <p>If yes, summarize the communication. If no, explain.</p> <p>See the CCCWP's FY 2021-22 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>N/A</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.

Summary:

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

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

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

Summary:

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

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

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

Summary:

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

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

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

Summary:

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

Section 10 - Provision C.10 Trash Load Reduction

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

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

Trash Load Reductions

| | |
|---|---------------|
| Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i) | 59.3% |
| Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁵⁵ | 14.9% |
| Percent Trash Reduction due to Jurisdiction-wide Source Control Actions (as reported in C.10.b.iv) | 6.10 |
| SubTotal for Above Actions | 80.3% |
| Trash Offsets (Optional) | |
| Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i) | 10.0% |
| Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii) | 0.0 |
| Total (Jurisdiction-wide) % Trash Load Reduction through FY 2021-22 | 90.30% |

Discussion of Trash Load Reduction Calculation:

- All installed full trash capture devices, were uploaded to the CCCWP ArcGIS program for trash reduction calculations. The City's trash reduction data and the computed percentage of trash reduction for full capture systems and control measures other than full capture systems were generated using the CCCWP program.
- City crew maintains the public storm drain inlets and system regularly. In addition, the City contracted with REM Inc. to maintain the City's trash full capture devices three times a year.
- In general, fewer trash observed in the streets and at the City's hot spot compared to that of last year.
- City installed trash full capture devices in storm drain inlets throughout the City. These devices capture runoff from public and private watersheds, including areas from properties owned by C.C. County, and non-jurisdictional areas (e.g., public schools, Caltrans right of way, and V.A. Hospital and Railroad properties). The City did not take trash reduction credit from the non-jurisdictional areas that drain into the City's trash capture devices. Non-jurisdictional areas include:
 - Veteran Administration Hospital (V.A. Hosp.) : **8.2 Acres**
 - Caltrans Right of Way: **13.6 Acres**

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

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

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

- **Public Schools:** **0.2 Acres**
- **Railroad:** **5.5 Acres**
- **City coordinated with private commercial property owners and Martinez Unified School District to have trash full capture devices installed at inlets in parking lots. Three commercial sites have already installed full trash capture devices in parking lots.**
- **City contracted with REM Inc. to install additional 20 full trash capture devices at various locations throughout the City. The project is currently in the design phase.**
- **Maintenance staff picked trash from various streets, and installed additional 7 trash cans at parks. Trash will be picked up on a regular basis.**

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 | | |
| Connector Pipe Screens | 20 | 34 |
| Baskets | 1 | 0 |
| Other | 2 | 0 |
| Installed Prior to FY 21-22 | | |
| Connector Pipe Screens | 23 | 282 |
| Baskets | 84 | 206 |

| | | |
|--|------------|------------|
| Netting Devices | 0 | 0 |
| HDS Units | 3 | 4 |
| GSRDs | 0 | 0 |
| LID Facilities | 17 | 29 |
| Other | 0 | 0 |
| Total for all Systems Installed To-date | 149 | 555 |
| Treatment Acreage Required by Permit (Population-based Permittees) | | 43 |
| Total # of Systems Required by Permit (Non-population-based Permittees) | | N/A |

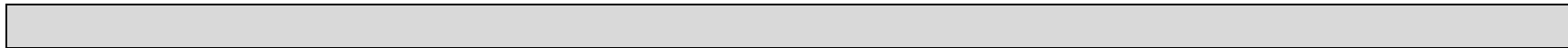
C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

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

| TMA | Jurisdiction-wide Reduction (%) | Total # of Full Capture Systems | % of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 21-22 | Summary of Maintenance Issues and Corrective Actions |
|--------------------------|---------------------------------|---------------------------------|--|--|
| 1 | 0.9 | 149 | Approximately 34% of the full trash capture devices were over 50% full. | <p>The City contracted with REM Inc., the manufacturer of the City's trash capture devices, to inspect, maintain, and repair all existing City owned trash full capture devices three times a year. Inspections include, but not limited to, checking the grate, insure that cartridges are secured to the basins, remove debris from around the catch basins, vacuum debris from the filter inserts, and remove and replace filter media, as needed. Trash captured mostly organic materials plastic bags, wraps, cigarette butts, packaging materials, plastic cups, straws, and Aluminum cans.</p> <p>Trash capture devices were cleaned & inspected 3 times this FY (July, 2021, January, 2022 & April, 2022).</p> <ul style="list-style-type: none"> • Approximately 23% of the filter media were repaired or replaced. • Approximately 9% of inlets could not accesses by the maintenance crew due to parked cars, or obstacles. • City staff performed random inspections of the trash capture devices as a part of routine maintenance operation. • City staff inspected public LID facilities (bio-retention basins) for trash collection. Private LID facilities are maintained by property owners or HOA, and inspected annually by City staff. |
| 2 | 12.2 | | | |
| 3 | NA | | | |
| 4 | 4.2 | | | |
| 5 | 36.3 | | | |
| 6 | 0.0 | | | |
| 7 | 5.7 | | | |
| 8 | NA | | | |
| Alhambra & Reliez Valley | NA | | | |
| Total | 59.3 | | | |

Certification Statement:



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 | <ul style="list-style-type: none"> • Increased the frequency of sweeping in needed areas. • Parking enforcement to allow better curb access in problematic areas. • Manual trash pickup. • Monthly manual trash pickup by Allied Waste. • Added trash cans at bus stop. |
| 2 | <ul style="list-style-type: none"> • Daily trash pickup. • Monthly manual trash pickup by Allied Waste. • Added 7 trash cans at various locations in parks and on Franklin Canyon Road at Park & Ride area. |
| 3 | <ul style="list-style-type: none"> • Increased the frequency of sweeping as needed. • Parking enforcement to allow better curb access in problematic areas. • Manual trash pickup. • Added trash cans at bus stops. |
| 4 | <ul style="list-style-type: none"> • Increased the frequency of sweeping as needed. • Enhanced parking enforcement and installed signs in downtown to allow better access to curb, and other problematic areas. • Manual trash pickup. • Installed 24 recycling cans. |
| 5 | <ul style="list-style-type: none"> • Increased the frequency of sweeping in needed areas. • Parking enforcement to allow better curb access in problematic areas. • Manual trash pickup. • Monthly manual trash pickup by Allied Waste. |
| 6 | <p>Note: Industrial areas with NOI. Low trash generation areas.</p> |
| 7 | <ul style="list-style-type: none"> • Increased the frequency of sweeping in needed areas. • Parking enforcement to allow better curb access in problematic areas. • Manual trash pickup. • Monthly manual trash pickup by Allied Waste. |
| 8 | <p>Note: Non-Jurisdictional areas.</p> |

| | |
|--|--|
| | |
|--|--|

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) Control Measure Area</i> | 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 | 0.24 | 0.19 | 80.52 | 1 | 2.9 |
| 2 | 0.03 | 0.00 | 0.00 | 0 | 0.0 |
| 3 | 0.01 | 0.00 | 0.00 | 0 | 0.0 |
| 4 | 0.44 | 0.05 | 10.73 | 1 | 1.8 |
| 5 | 1.71 | 0.57 | 33.30 | 1 | 6.7 |
| 6 | 0.11 | 0.00 | 0.00 | 0 | 0.0 |
| 7 | 0.51 | 0.09 | 18.43 | 1 | 3.6 |
| 8 | 0.01 | 0.00 | 0.00 | 0 | 0.0 |
| Alhambra & Reliez Valley | N/A | N/A | N/A | N/A | N/A |
| Total | | 0.9 | 29.6 | 4 | 14.9 |

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

| C.10.b.iv ► Trash Reduction – Source Controls | | | | |
|--|--|--|---|--------------------|
| Provide a description of each jurisdiction-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls. | | | | |
| Source Control Action | Summary Description & Dominant Trash Sources and Types Targeted | Evaluation/Enforcement Method(s) | Summary of Evaluation/Enforcement Results To-date | % Reduction |
| Single-use Plastic Bag Ordinance or Policy | On June 18, 2014 the City adopted an Ordinance that prohibits retail establishments or public eating establishments from providing any carryout bag to a customer (except where permitted by City ordinance). All retail establishments must make reusable bags available to customers for purchase. Each retail establishment is strongly encouraged to educate its staff to promote reusable bags and post signs encouraging customers to use reusable bags. | City staff visited several businesses, randomly selected, at various times to verify compliance with the ordinance. | All visited businesses complied with the plastic bag ordinance and policies. No evidence of non-compliance reported. Staff noted significant reduction in plastic bags citywide collected in trash, including the hot spot and shoreline cleanup. | 6.1% |
| Expanded Polystyrene Food Service Ware Ordinance or Policy | The City adopted Polystyrene food service ware ordinance in 1993. | Evaluation of compliance preformed along with the single-use-plastic bag as discussion above. No non-compliance reported | No evidence of non-compliance reported. | 0% |

| 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 |
| Alhambra Creek: from Ward Street to Main Street | N | April 15, 2022 | 1.75 | 1.91 | 0.24 | 0.44 | 0.00 | 0.06 |
| | | | | | | | | |

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 |
|-------------------------------------|----------------|
| N/A | N/A |
| | |
| | |
| | |
| | |
| | |

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

| TMA | 2009 Baseline Trash Generation (Acres) | | | | | Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems | | | | | Jurisdiction-wide Reduction via Full Capture Systems (%) | Trash Generation (Acres) in FY 21-22 After Accounting for Full Capture Systems and Other Control Measures | | | | | Jurisdiction-wide Reduction via Other Control Measures (%) | Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%) |
|---------------|--|------------|-----------|----------|-------------|--|------------|----------|----------|-------------|--|---|------------|----------|----------|-------------|--|---|
| | L | M | H | VH | Total | L | M | H | VH | Total | | L | M | H | VH | Total | | |
| 1 | 4542 | 20 | 0 | 0 | 4562 | 4547 | 15 | 0 | 0 | 4562 | 0.9 | 4562 | 0 | 0 | 0 | 4562 | 2.9 | 3.9 |
| 2 | 290 | 10 | 19 | 0 | 318 | 310 | 4 | 5 | 0 | 318 | 12.2 | 310 | 4 | 5 | 0 | 318 | 0.0 | 12.2 |
| 3 | 1023 | 0 | 0 | 0 | 1023 | 1023 | 0 | 0 | 0 | 1023 | NA | 1023 | 0 | 0 | 0 | 1023 | NA | NA |
| 4 | 5 | 30 | 0 | 0 | 35 | 26 | 9 | 0 | 0 | 35 | 4.2 | 35 | 0 | 0 | 0 | 35 | 1.8 | 6.0 |
| 5 | 153 | 235 | 9 | 0 | 396 | 307 | 89 | 0 | 0 | 396 | 36.3 | 341 | 55 | 0 | 0 | 396 | 6.7 | 42.9 |
| 6 | 163 | 4 | 0 | 0 | 167 | 163 | 4 | 0 | 0 | 167 | 0.0 | 163 | 4 | 0 | 0 | 167 | 0.0 | 0.0 |
| 7 | 153 | 93 | 0 | 0 | 247 | 182 | 65 | 0 | 0 | 247 | 5.7 | 200 | 47 | 0 | 0 | 247 | 3.6 | 9.3 |
| 8 | 7 | 0 | 0 | 0 | 7 | 7 | 0 | 0 | 0 | 7 | NA | 7 | 0 | 0 | 0 | 7 | NA | NA |
| Totals | 6337 | 391 | 28 | 0 | 6756 | 6566 | 185 | 5 | 0 | 6756 | 59.3 | 6641 | 110 | 5 | 0 | 6756 | 14.9 | 74.3 |

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:

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.

Central Contra Costa County Sanitary District (CCCSD) performs post construction inspections on behalf of the City for industrial and commercial sites, and provides on call services to the City as needed. CCCSD inspectors are trained and aware of permit requirements.

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 follows the guidelines developed by the CCCWP for draining pool/or spa water.**
- **The City provides a brochure (developed by the CCCWP Municipal Operation Committee) to applicants seeking building permits to install or demolish a pool and/or spa within the City. This brochure provides information on draining the water from a pool/or spa to the sanitary sewer system; information on BMPs for pool maintenance activities; and contact information for the two sanitary sewer districts servicing the City.**
- **No enforcement activities related to copper-containing discharges reported this fiscal year.**
- **Central Contra Costa County Sanitary District (CCCSD) performs post construction inspections on behalf of the City. Inspections performed and enforced in accordance with the City's Enforcement Response Plan, and the City's Industrial and Commercial Business Inspection Plan.**

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:

- **Central Contra Costa County Sanitary District (CCCSD) perform inspections on behalf of the City in accordance with the City's Enforcement Response Plan, and the Industrial and Commercial Business Inspection Plan. CCCSD did not report to the City any activities or violations related to copper containing discharges.**
- **The City is not aware of any industrial sites producing copper-base pollutants within the City.**

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:

Refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 2021-22 Annual Report.

The City, through the CCCWP, promote and implement 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 Municipal Code:

- **City Municipal Code, Chapter 13.07, discourage wasting water, and encourages the installation of water conserving landscaping and water-saving devices in plumbing and water conserving appliances.**
- **City Municipal Code, Chapter 22.35, promotes and encourage water conservation in landscaping and irrigation for new development projects.**