



CITY OF PINOLE

Department of Public Works

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Pinole, CA 94564

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September 30, 2021

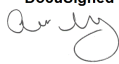
Michael Montgomery, Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Dear Mr. Montgomery:

Enclosed is the Fiscal Year 2020-21 Annual Report for the City Pinole, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board.

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

Sincerely,

DocuSigned by:

008692C995F4430...
Andrew Murray
City Manager

Enclosure

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Pinole				
Population:	19,250				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2015-0049				
Reporting Time Period (month/year):	July 2020 through June 2021				
Name of the Responsible Authority:	Andrew Murray			Title:	City Manager
Mailing Address:	2131 Pear St				
City:	Pinole	Zip Code:	94564	County:	Contra Costa
Telephone Number:	510-724-9837		Fax Number:	510-724-8926	
E-mail Address:	amurray@ci.pinole.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Misha Kaur		Title:	Senior Project Manager	
Department:	Department of Public Works				
Mailing Address:	2131 Pear St				
City:	Pinole	Zip Code:	94564	County:	Contra Costa
Telephone Number:	510-724-9839		Fax Number:	510-724-9017	
E-mail Address:	mkaur@ci.pinole.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City of Pinole has a lean staff that manages the implementation of MRP2 in addition to broad duties across the Public Works divisions. The City enforces standard operating procedures that align with stormwater best management practices, including catch basin inspections, cleaning and maintenance benefit the stormwater program, as well as prevent flooding issues. Street sweeping and trash collection are also recurring activities that benefit the Program.

The City of Pinole is committed to its compliance and to this end, to increase its capacity to address storm water compliance issues, retains the advisory services of Kennedy Associates, on-call clean water experts who frequently attend Contra Costa Clean Water Program and BASMAA meetings regularly on the City’s behalf as well as provide program guidance, analysis and support.

Please refer to the C.2 Municipal Operations section of the countywide Program’s FY 18-19 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:

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:

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

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

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

Comments:

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"/> N <input type="checkbox"/> No
If your answer is No then skip to C.2.f.			
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.			
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas		
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources		
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts		
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality		
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion		
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate		
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings		
Comments including listing increased maintenance in priority areas:			

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

C.2.f. ► Corporation Yard BMP Implementation				
Place an X in the boxes below that apply to your corporations yard(s):				
<input type="checkbox"/>	We do not have a corporation yard			
<input checked="" type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit			
<input type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)			
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:				
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment			
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system			
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method			
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used			
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants			
Comments: The City of Pinole has historically housed the Corp Yard at the WPCP. All activities at the WPCP, are addressed by Order No. R2-2012-0059, NPDES No. CA0037796. Additionally, all stormwater collected onsite is treated along with the wastewater before being discharged through the outfall.				
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
651 Pinole Shores Dr.	Material Storage – Only select materials are stored that are not detrimental to stormwater	February 28, 2021	The BMPs listed were in place. No adverse findings.	N/A

² Minimum inspection frequency is once a year during September.

	<p>Municipal Parking – Isolated storage areas have catch basins that drain to sanitary sewer. Vehicle cleaning is performed at the WPCP prior to storage at this location.</p> <p>Primary corp yard located at WPCP plant, drains entirely to sanitary sewer and covered by different permit.</p>			
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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.

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
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Comments (optional):

C.3.e.v ► Special Projects Reporting

1. In FY 2020-21, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2. In FY 2020-21, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

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.

No new projects to report

The CCCWP will compile this information provided by each Permittees and submit the information to the Contra Costa Mosquito and Vector Control District (CCMVCD) on behalf of all Permittees by the September 30 deadline.

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 19-20)	12
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 20-21)	12
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 20-21)	3
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 20-21)	25%¹

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

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

Summary:

The City's environmental inspector visited three sites this reporting year. No issues were reported.

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

Summary:

The City has a robust inspection program. 25% of the sites in the City were inspected this year. There was one inspection that required were no negative circumstances to report

¹ 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.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

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

Summary:

Applicants for development approvals for projects creating or replacing more than 2,500 square feet but less than 10,000 square feet of impervious area, and single-family homes creating or replacing more than 2,500 square feet of impervious area, are required to submit a Stormwater Control Plan for a Small Land Development Project that meets the criteria in Appendix C of the Contra Costa Clean Water Program's Stormwater C.3 Guidebook. Appendix C includes minimum specifications for runoff reduction measures.

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

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

Summary:

Misha Kamur and Frank Kennedy of Kennedy & Associates attended the 2021 Online C.3 Planning, Design, Construction, and Maintenance of Low Impact Development Features and Facilities Workshop sponsored by CCCWP on May 11, 2021. The workshop included discussion of basics of provision C.3. and Low Impact Development, Green Infrastructure: Plans, Mandates, and Alternative Compliance, Municipal Regional Permit 3.0: Potential Changes to Provision C.3, and topics in LID implementation.

Please refer to the CCCWP's FY 20-21 Annual Report for a summary of outreach efforts implemented at the countywide level.

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

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

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

Refer to the May 6, 2016 BASMAA document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects."

Summary of Planning or Implementation Status of Identified Projects:

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

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

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

Please refer to CCCWP's FY 20-21 Annual Report for a summary of efforts conducted to help regional, state, and Federal agencies plan, design, and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

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

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

Please refer to CCCWP's FY 20-21 Annual Report for a summary of methods being developed to track and report implementation of green infrastructure measures.

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

Project Name Project No.	Project Location ² , Street Address	Name of Developer	Project Phase No. ³	Project Type & Description ⁴	Project Watershed ⁵	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁶	Total Replaced Impervious Surface Area (ft ²) ⁷	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects											
None											
Public Projects											
None											
Comments: None											

²Include cross streets

³If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁴Project 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.

⁵State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁶All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁷All impervious surfaces added to any area of the site that was previously existing impervious surface.

⁸For redevelopment projects, state the pre-project impervious surface area.

⁹For 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 ¹⁰	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Type of Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/18}	Alternative Certification ¹⁹	HM Controls ^{20/21}
Private Projects										
None										

¹⁰For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹¹For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹²List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹³List 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.

¹⁴List 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.).

¹⁵List 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.

¹⁶See 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).

¹⁷For 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.

¹⁸For 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.

¹⁹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁰If HM control is not required, state why not.

²¹If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/29}	Alternative Certification ³⁰	HM Controls ^{31/32}
Public Projects										
None										
Comments: None										

²²For public projects, enter the plans and specifications approval date.

²³List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁴List 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.

²⁵List 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.).

²⁶List 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.

²⁷See 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).

²⁸For 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.

²⁹For 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.

³⁰Note whether a third party was used to certify the project design complies with Provision C.3.d.

³¹If HM control is not required, state why not.

³²If 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 Installed³³ 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 ³⁴ For Maintenance	Type of Treatment/HM Control(s)
None			

³³ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁴ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table												
Reporting Period – July 1 2020 - June 30, 2021												
Project Name & No.	Permittee	Address	Application Submittal Date ³⁵	Status ³⁶	Description ³⁷	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ³⁸	LID Treatment Reduction Credit Available ³⁹	List of LID Stormwater Treatment Systems ⁴⁰	List of Non-LID Stormwater Treatment Systems ⁴¹
NA	NA	NA	NA	NA	NA	NA	NA	NA	Category A: Category B: Category C: Location: Density: Parking: NA	Category A: Category B: Category C: Location: Density: Parking: NA	Indicate each type of LID treatment system and % of total runoff treated. NA	Indicate each type of non-LID treatment system and % of total runoff treated. Indicate whether minimum design criteria met or certification received NA

³⁵Date that a planning application for the Special Project was submitted.

³⁶ 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.

³⁷Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁸ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁹For 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.

⁴⁰: 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.

⁴¹List 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 2020- 2021 Annual Report
Permittee Name: City of Pinole

C.3 – New Development and Redevelopment

Special Projects Narrative

No Special Projects to Report On

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure				
Project Name and Location⁴²	Project Description	Status⁴³	GI Included?⁴⁴	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement⁴⁵
Prepare a Park Master Plan	Master plan	Planning	Yes	TBD
Pinole Valley Park Soccer Field Maintenance	Sod	Ongoing	Yes	TBD
Rehabilitation of Play Fields at Fernandez Park	Field maintenance	Planning	Yes	TBD
Restrooms in Fernandez Park	Replace existing restroom with modular unit	Planning	TBD	Building construction regulated; City considering landscaping options.
Storage Building and Improvements (651 Pinole Shores Dr.)	Improvements	Planning	Yes	
Storm Drain Annual Rehabilitation	Repairs to storm drains on an as needed basis	Planning	Yes	
Storm Drain Master Plan	Study of storm drain system	Planning	Yes	Consultant work to perform study
Shale Hill Stabilization	Retaining wall, complete street	Planning	Yes	Anticipate: bioswale, street trees. TBD.
San Pablo Avenue Bridge over BNSF Railroad	Bridge replacement	Preliminary Engineering and Design	Yes	TBD

⁴² List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴³ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁴ 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.

⁴⁵ 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.

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

Project Name and Location ⁴⁶	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
None completed in 20-21			

⁴⁶ 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 of Pinole has a very thorough and developed Industrial and Commercial Site Controls program. The City of Pinole performs Clean Water inspections at all of its licensed businesses every two years. For 2020-21, City Inspectors performed 62 inspections. All of the inspections requiring a re-inspection are performed in accordance with the Enforcement Response Plan administered by the City.

Refer to the C.4. Industrial and Commercial Site Controls section of the countywide Program’s FY 2020-21 Annual Report (if applicable) for a description of activities of the countywide program and/or the BASMAA Municipal Operations Committee.

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

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

See attachment A

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))	62
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	1

Comments:

The City of Pinole Stormwater inspection facility list has been updated to determine this year’s inspection schedule. It has been determined that the best approach for our program is to continue to separate the list in half each year, inspecting each facility biannually. Confirmed problem facilities from last year were added to this year’s inspection schedule, meeting our inspection requirements.

This year, 65 facilities were inspected which included 2 permit facilities. Two properties had their stormwater vaults or catch basins serviced 3 times each this fiscal year. There was 1 potential problem facility this year. A total of 2 verbal warnings and 0 Notice of Violations issued. These caused an additional 2 follow up inspections, for a total 71 inspections.

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) ¹	Number of Enforcement Actions Taken
Level 1	Verbal Warning/Warning Notice/Education	1
Level 2	Notice of Violation	0
Level 3	Formal Enforcement	0
Level 4	Legal Action	0
Total		0

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 ²	Number of Actual Discharges	Number of Potential Discharges
Food Service	0	0
Mini-mart	0	0
Multi-unit	0	0
Gas Station	0	0
Grocery Store	0	0
Manufacturing	0	1
Retail	0	0
Vehicle Service	0	0

¹Agencies to list specific enforcement actions as defined in their ERPs.

²List your Program's standard business categories.

Hardware	0	0
Body Shop	0	0
Food Service	0	0
Commercial	0	0
Fleet operations	0	0
Dry Cleaner	0	0
Building Supplies	0	1
Food Service	0	0
	0	0

C.4.d.iii.(2)(e) ▶ Non-Fileers

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

No industries 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
C.4 & C.5 Stormwater Inspection Training Workshop	5/25/21	<ul style="list-style-type: none"> Basics of Routine Inspection Stormwater Regulatory Overview Anatomy of Enforcement Inspection Photo Review Jurisdictional Clarity 	1 – Kennedy & Associates	33%	N/A	N/A

Comments:

No additional comments

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP FY 20-21 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

Summary of any changes made during FY 20-21:

No change 1-800-NO-DUMPING is the primary contact for the City via the Clean Water Program

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))	0

Comments:

The City works cooperatively with the Contra Costa Clean Water Program and the City's public safety to track illicit discharge. The City's public safety agencies and first responders are responsible for immediate response to illicit discharges if they involve hazardous materials. The City receives reports from the Contra Costa Clean Water program regarding discharges

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)
# 0	# 0	# 0	# 0
<p>Comments: Pinole did not have any construction projects that meet the threshold for being regulated under Provision C.6.</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>The number of inspections was by a consultant and related to building permits and is not available. Two of the projects were single family residences, one was an excavation to remove an underground tank and the last was a bus wash in an existing parking lot.</p>			

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

	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal Warning/Warning Notice/Education	0
Level 2	Notice of Violation	0
Level 3	Formal Enforcement	0
Level 4	Legal Action	0
Total		0

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)	Not Applicable
Comments: There were no enforcement action due to the not being any required inspections.	

¹Agencies should list the specific enforcement actions as defined in their ERPs.
²For 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: **There is no inspection data for FY 20-21**

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:
Because there were no C.6 threshold inspections there is no evaluation this year

Refer to the C.6 Construction Site Control section of CCCWP's FY 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
No training was held in FY 20-21	N/A	N/A	N/A

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

C.7.b.i.1 ► Outreach Campaign

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

Summary:

Refer to the CCCWP FY 20-21 Annual Report

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

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

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

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

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

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
April through June 2021 "Bringing Back the Natives" Virtual Garden Tour	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 20-21 Annual Report, Section 7 Public Information and Outreach for a full description of the event.	Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event
Our Water Our World (Tabling/Outreach Events at Stores and Online Integrated Pest Management Trainings)	Includes Tabling/Outreach Events at retail outlets. Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for a full description of the event.	Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event.
Website: CCCleanWater.org Community Calendar	Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for a full description of the event.	Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event.
Volunteer Field Monitoring Equipment Maintenance Support	Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for a full description of this effort.	Refer to the CCCWP's FY 20-21 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 120-21 Annual Report, Section 7 Public Information and Outreach for a full description of this effort.	Refer to the CCCWP's FY 20-21 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

Summary:

See the CCCWP s summary of efforts conducted at the countywide or regional level.

C.7.f. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Mr. Funnelhead School, City/County Events and TV Ads	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for activity description.	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for details on number of students/teachers reached.	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for evaluation of effectiveness.
Youth outreach Facebook and Instagram campaign	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for activity description.	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for details on number of students/teachers reached.	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for evaluation of effectiveness.
May -June 2021 Countywide watershed bingo contest educating elementary and high	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for activity description.	Refer to the Fiscal Year 20-21 Group Program Annual	Refer to the Fiscal Year 20-21 Group Program Annual Report, Section C.7 for evaluation of effectiveness.

school students on stormwater and watersheds		Report, Section C.7 for details on number of students/teachers reached.	
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Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance						
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				<input checked="" type="checkbox"/> X	Yes	<input type="checkbox"/> No
If no, explain:						
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality , specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.						
Trends in Quantities and Types of Pesticide Active Ingredients Used¹						
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount²					
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
Organophosphates	0	0	0	0	0	
Pyrethroids (see footnote #2 for list of active ingredients)	0	0	0	0	0	
Carbamates	0	0	0	0	0	
Fipronil	≈2.25 oz	0	0	0	0	
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount					
	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
Indoxacarb	0	≈72 grams	≈80 Grams		~80 Grams	
Diuron	0	0	0	0	0	
Diamides	0	0	0	0	0	
Reasons for increases in use of pesticides that threaten water quality:						
N/A						
IPM Tactics and Strategies Used:						

¹Includes all municipal structural and landscape pesticide usage by employees and contractors.

²Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

Pacific Site Management uses Bay Friendly Certified employees. Additionally, there have provided the following statement on IPM tactics used in the City: "We have used the strategies of removing dead plants and removing fallen twigs, leaves and fruit that contain disease causing pathogens."

C.9.b ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	0
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.	0%
Type of Training: City of Pinole contracts out pest management both around structures and for landscape services. The City's landscape contractor is Bay Friendly certified and the certificate is on file and available. City employees do not apply pest management materials.	

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes		No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes		No,
If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored While the City requires IPM through it contracting requirements, Bay Friendly certified contractors (Pacific Site Management & Western Exterminator) must review with the City the list of pesticides and active ingredients used. Additionally, Pacific Site Management uses IPM tactics in the field to reduce the need for herbicides.				
N/A				

C.9.d ▶ Interface with County Agricultural Commissioners

Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,		Yes	X	No
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<p>If yes, summarize the communication. If no, explain. Refer to the CCCWP's FY 20-21 Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner.</p>				
<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.</p>	<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>				

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

<p>Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.</p>
<p>Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP FY 20-21 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>

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

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

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

<p>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.</p>
<p>Summary: See the C.9 Pesticides Toxicity Control section of the CCCWP FY 20-21 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.</p>

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

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

Summary:

During FY 20-21, 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)	80%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ¹	
Percent Trash Reduction due to Jurisdiction-wide Source Control Actions (as reported in C.10.b.iv)	5%
SubTotal for Above Actions	
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	
Total (Jurisdiction-wide) % Trash Load Reduction through FY 2020-21	85%

Discussion of Trash Load Reduction Calculation:
 The City is requiring trash capture devices to be installed on private property where storm drains and inlets that connect to the MS4. The City has developed an implementation process including outreach and coordination with property owners to successfully get trash capture devices installed.

The City sent compliance notice mailings and is communication with the highest trash load parcels in City limits. Compliance with these parcels in the top trash loading areas will help achieve Permit compliance for the City.

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

C.10.a.iii ► Mandatory Trash Full Capture Systems		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed during FY 20-21, and prior to FY 20-21, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.		
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.		
Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 20-21		
No new systems installed		
Installed Prior to FY 20-21		
Connector Pipe Screens	34	63
Baskets	221	141
HDS Units	10	27
LID Facilities	11	21
Other	0	9
Total for all Systems Installed To-date	276	261
Treatment Acreage Required by Permit (Population-based Permittees)		42
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 20-21 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 20-21 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 20-21	Summary of Maintenance Issues and Corrective Actions
1	50.7	276	0	Public Works staff cleaned 64 Full Trash Capture device during this reporting year. Systems were estimated at below 50% and were not plugged or blinded with trash. New installed units did not need cleaning this reporting year. Most of the debris removed was organics.
2	10.9			
3	14.5			
4	2.2			
5	0.0			
6	1.3			
7	0.0			
Total				

Certification Statement:

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

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)	
Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels, and areal extent of implementation, and whether actions are new, including initiation date.	
TMA	Summary of Trash Control Actions Other than Full Capture Systems
Multiple	<p>While no additional credit is being taken in this category,</p> <ul style="list-style-type: none"> • The City contracts for park litter cleaning, including trash and recyclables abatement, with nonprofit organization Contra Costa ARC Community Access Program, which provides jobs to developmentally disabled or differently-abled adults. <p>The City collaborates with regional nongovernmental organizations including the Contra Costa Resource Conservation District and Friends of Pinole Creek to publicize ad-hoc creek clean ups, to cooperate on events such as the annual Coastal Clean-Up, and in supporting this group with letters of recommendation, etc. The City of Pinole also endorses the work of Earth Team, a jobs program that employs high school students at PVHS and schools throughout the Bay Area to clean up the creek.</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 20-21 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

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

Explanation: The City of Pinole is reporting 100% of its claimed reduction with full trash capture systems for the reporting year.

TMA ID <i>or (as applicable)</i> Control Measure Area	Total Street Miles ² 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	0.87	0.00	0.00	0	0.0
2	0.04	0.00	0.00	0	0.0
3	0.37	0.00	0.00	0	0.0
4	0.23	0.00	0.00	0	0.0
5	0.17	0.00	0.00	0	0.0
6	0.01	0.00	0.00	0	0.0
7	0.03	0.00	0.00	0	0.0
Total 1.72		0	0	0	0

² 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
Ordinance banning the use of polystyrene food packaging.	The City requires business to cease the use of most types of polystyrene packaging.	The City enforces this ordinance through its usual code enforcement process.	All businesses have been notified about the ordinance. No businesses were found to be non-compliant in FY20-21.	5%

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 20-21 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 20-21.

Trash Hot Spot	New Site in FY 20-21 (Y/N)	FY 20-21 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Pinole Creek – City of Pinole	N	5/17/20	1.25 CY	1.5 CY	1.5 CY	1.0 CY	.75CY
ADH Dry Season Assessment	N	NA			.15 CY	.36 CY	NA

C.10.d ► Long-Term Trash Load Reduction Plan

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and, if so, what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
<p>The City revised baseline trash generation rates 2015-2016 to better depict accurate baseline trash generation. The performed assessments and used staff knowledge. See Attachment 4 - An updated Pinole Full Trash Capture and Trash Management Area map.</p>	<p>3 & 7</p>
<p>Public schools (K-12, community colleges, and public universities) have been reclassified as a non-jurisdictional land use. A revised Baseline Trash Generation Rate map to show this reclassification has been attached.</p>	<p>N/A</p>

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

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 20-21. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 20-21	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	N/A	N/A	N/A
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

Permittee Name: City of Pinole

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

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	4	4	97	0	105	91	1	13	0	105	50.7	91	1	13	0	105	0.0	50.7
2	0	7	18	0	26	24	0	2	0	26	10.9	24	0	2	0	26	0.0	10.9
3	68	57	13	0	138	131	6	1	0	138	14.5	131	6	1	0	138	0.0	14.5
4	2	1	18	0	21	6	1	14	0	21	2.2	6	1	14	0	21	0.0	2.2
5	17	3	0	0	20	18	3	0	0	20	0.0	18	3	0	0	20	0.0	0.0
6	0	9	0	0	9	8	0	0	0	9	1.3	8	0	0	0	9	0.0	1.3
7	2676	1	1	0	2678	2676	0	1	0	2678	0.0	2676	0	1	0	2678	0.0	0.0
Totals	2768	82	146	0	2996	2955	11	31	0	2996	79.8	2955	11	31	0	2996	0.0	79.8

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

Section 11 - Provision C.11 Mercury Controls

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

See the CCCWP FY 2020-21 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ 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 2020-21 Annual Report.

¹BASMAA 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 2020-21 Annual Report for:

- Documentation of PCBs control measures implemented in our agency’s jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology¹ was used to calculate the PCBs load reduced by each control measure implemented in our agency’s jurisdictional area (including green infrastructure) and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

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

See the CCCWP FY 2020-21 Annual Report for:

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

¹BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2017.

C.12.h ► Implement a Risk Reduction Program

A summary of CCCWP and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, and why these people are deemed likely to consume Bay fish are included in the CCCWP FY 2020-21 Annual Report.

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

The plan check engineer checks the materials list during plan check to identify any uses of architectural copper elements. When found appropriate BMP's for control of materials used in treating copper surfaces are required. Refer to BASMAA POC inspector training materials, which are available on the CCCWP's website.

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 of Pinole had no enforcement actions for pools/spas/fountains draining to the storm drain.

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

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

Summary:

Copper sources and adequacy of BMPs are evaluated during all commercial/industrial inspections. Vehicle service facilities that conduct brake service are routinely inspected for management of copper brake pads and fine solids that are generated when servicing brakes. Vehicle washing operations are routinely evaluated to ensure the wastewater does not enter the storm drain system as a means to control a variety of pollutants including copper. The Enforcement Response Plan elements are used when inadequate controls are identified.

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

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

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

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

Summary:

Summary:

The City of Pinole through the CCCWP promotes and implements 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.

Attachment 1 – C.4 Business List

Pinole Clean Water Inspections

Annual Report

Fiscal Year 2018-2019

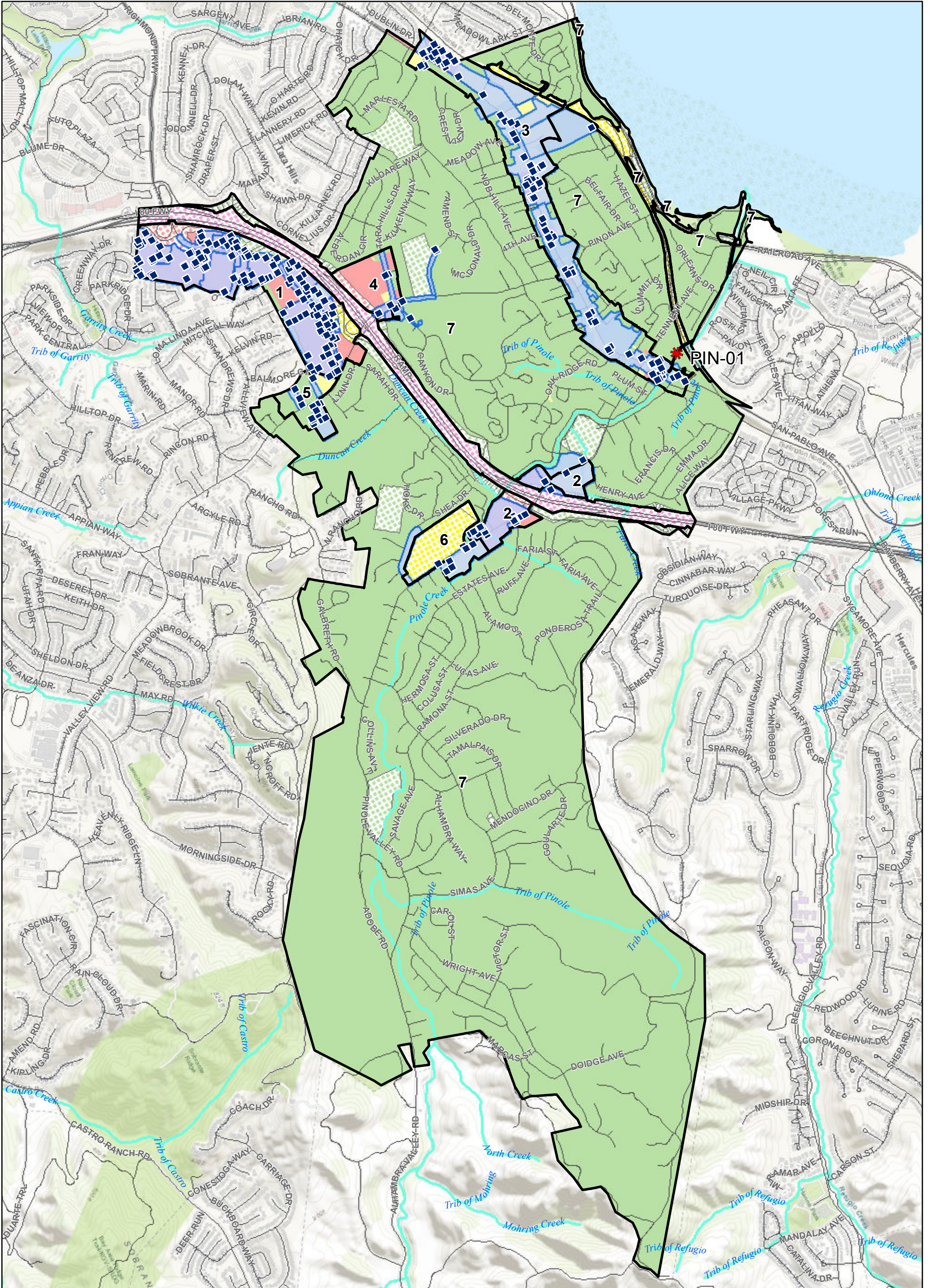
7/1/2020-6/30/2021

Name	Address	City	Program Category
7-Eleven Stores	2869 PINOLE VALLEY Road	Pinole	Mini-Market
99 cent Only Stores	620-G SAN PABLO Ave	Pinole	Retail
A La Mode Donuts and Ice Cream	2801 PINOLE VALLEY Road	Pinole	Food Service
Accutech Auto	550 SAN PABLO Ave	Pinole	Vehicle Service
Appian 80 Express	1577 TARA HILLS Drive	Pinole	Dry Cleaner
Applebee's	1369 FITZGERALD Drive	Pinole	Food Service
BT Sandwich and Deli	1279 SAN PABLO Ave.	Pinole	Food Service
Cheese Steak Shop, Inc.	1394 FITZGERALD Drive	Pinole	Food Service
China House	1971 SAN PABLO Ave	Pinole	Food Service
Cold Stone Creamery	1460 FITZGERALD Drive 103	Pinole	Food Service
Crocketts Premier Auto Body	900 San Pablo Ave	Pinole	Vehicle Service
Del Monte Center	600-632 SAN PABLO Ave	Pinole	Property Mngt
Dolan Lumber	990 SAN PABLO Ave	Pinole	Hardware
Dream's Auto Collision Repair Center	720 SAN PABLO Ave D	Pinole	Body Shop
Food Maxx	1370 FITZGERALD Drive	Pinole	Grocery Store
Foster's Freeze	993 SAN PABLO Ave	Pinole	Food Service
Four Mile Cleaners	1441 TARA HILLS Drive	Pinole	Dry Cleaner
Goodyear Tire Center	1520 FITZGERALD Drive	Pinole	Vehicle Service
Habit Burger	1412 Pinole Valley Road	Pinole	Food Service
Happy Shashimi	2718 PINOLE VALLEY Road	Pinole	Food Service
Jack in the Box	2689 PINOLE VALLEY Road	Pinole	Food Service
Ken Betts Chevron	2695 PINOLE VALLEY Road	Pinole	Gas Station
King Valley Restaurant	795 FERNANDEZ Ave.	Pinole	Food Service
Lucky's	1530 FITZGERALD Drive	Pinole	Grocery Store
Mels	1441 FITZGERALD Drive	Pinole	Food Service
Michael's Art & Craft	1450 FITZGERALD Drive	Pinole	Retail
Mint Vietnamese Sandwiches & Deli	1279 SAN PABLO Ave.	Pinole	Food Service
Noah's Bagels	1552 FITZGERALD Drive	Pinole	Food Service

Name	Address	City	Program Category
Oasis Nails & Spa	1346 FITZGERALD Drive	Pinole	Commercial
O'Reilly Auto Parts	1442 FITZGERALD Drive	Pinole	Vehicle Service
Outback Steak House	1361 FITZGERALD Drive	Pinole	Food Service
Panera Bread #1623	1376 FITZGERALD DRIVE	Pinole	Food Service
Pear Street Bistro	2395 SAN PABLO Ave	Pinole	Food Service
Pinole Creek Café	2454 SAN PABLO Ave	Pinole	Food Service
Pinole Express / Chevron	2298 APPIAN Way	Pinole	Gas Station
Pinole Shores Business Park	806-824 San Pablo Ave	Pinole	Commercial
Pinole Valley Lanes	1412 Pinole Valley Road	Pinole	Commercial
Pinole Valley Shopping Center	2690-2830 PINOLE VALLEY	Pinole	Commercial
Pinole Valley Shopping Center	2690-2830 PINOLE VALLEY	Pinole	Commercial
Pinole Valley Shopping Center	2690-2830 PINOLE VALLEY	Pinole	Commercial
Pizza Hut	1211 TARA HILLS Drive	Pinole	Food Service
Planet Fitness	1570 FITZGERALD Drive	Pinole	Retail
Prof SMOG	730 SAN PABLO Ave 3	Pinole	Vehicle Service
Ristorante Due Rose	1596 FITZGERALD	Pinole	Food Service
Sabor Latino 17	2511 SAN PABLO AVE.	Pinole	Food Service
Sizzler Restaurant	1515 FITZGERALD Drive	Pinole	Food Service
Smart Stop	1007 SAN PABLO Ave	Pinole	Gas Station
Solar Car Wash	730 5TH Ave	Pinole	Car Wash/Det.
Starbucks Coffee #5260	1540 FITZGERALD Drive	Pinole	Food Service
Subway Sandwiches #28855	1460 FITZGERALD Drive 102	Pinole	Food Service
Sugar City Building Materials, Inc.	800 SAN PABLO Ave	Pinole	Manufacturing
Sugar City Building Materials, Inc.	800 SAN PABLO Ave	Pinole	Manufacturing
Taco Bell	1561 FITZGERALD Drive	Pinole	Food Service
Taqueria Aguililla	1588 FITZGERALD Drive	Pinole	Food Service
Thai Spice	2701 PINOLE VALLEY Road B	Pinole	Food Service
The Embers	600 SAN PABLO Ave	Pinole	Food Service
Tina's Place	2300 SAN PABLO Ave	Pinole	Food Service
Trader Joe's	2742 PINOLE VALLEY Road	Pinole	Grocery Store

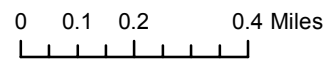
Name	Address	City	Program Category
Uncle Chung's Szechwan	2550 APPIAN Way	Pinole	Food Service
Walgreens	2750 PINOLE VALLEY Road	Pinole	Retail
Western Contra Costa Transit Authority (WESCAT)	601 WALTER Ave	Pinole	Fleet Operations
Yummy Gurt	2701 PINOLE VALLEY Road	Pinole	Food Service

Attachment 2 – C.10 Full Trash Map



Pinole Full Trash Capture and Trash Management Area Map

Trash Generation Category	Creek/Shoreline Hotspot	Trash Management Area	Streets
Low	Full-Capture Location	Full Trash Capture	Creeks
Medium	Non-Jurisdictional (Dot color = Generation Category)	Map Matchline	Parcel Boundary
High			
Very High			



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

8/20/2021