CITY OF PINOLE

2131 Pear Street
Pinole, CA 94564

Phone: (510) 724-9010
FAX: (510) 724-9826
www.ci.pinole.ca.us

September 6, 2018

Bruce H. Wolfe, Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the Fiscal Year 2017-18 Annual Report for the City of 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 and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley 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,

Michelle Fitzer

Michelle Fitzer
City Manager

FY 2017-2018 Annual Report
Permittee Name: City of Pinole

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Section 1 – Permittee Information

Background Information							
Permittee Name:	City of Pinole						
Population:	19,364						
NPDES Permit No.:	CAS612008						
Order Number:	R2-2015-0049						
Reporting Time Period (month/year):	July 2017 through June 2018						
Name of the Responsible Authority:	Michelle Fitzer				**Title:**	City Manager	
Mailing Address:	2131 Pear Street						
City:	Pinole	**Zip Code:**	94564		**County:**	Contra Costa	
Telephone Number:	510-724-8933		**Fax Number:**			510-724-8926	
E-mail Address:	mfitzer@ci.pinole.ca.us						
Name of the Designated Stormwater Management Program Contact (if different from above):	Tamara Miller, PE			**Title:**	Development Service Director City Engineer		
Department:	Development Services / Engineering						
Mailing Address:	2131 Pear Street						
City:	Pinole	**Zip Code:**	94564		**County:**	Contra Costa	
Telephone Number:	510-724-9017		**Fax Number:**			510-724-9017	
E-mail Address:	tmiller@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 17-18 Annual Report (if applicable) for a description of activities implemented at the countywide and/or regional level. Of note, in the reporting period the City:

- **Installed trash capture devices in 'high trash' areas of its right of way.**
- **Passed and is aggressively implementing an ordinance requiring trash capture devices in private storm drain inlets plumbed to the MS4**
- **Passed an ordinance banning single use polystyrene food packaging**

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:		**Yes**	**X**	**No**

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

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

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

Comments including listing increased maintenance in priority areas:

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

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

	We do not have a corporation yard
X	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
	We have a **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
X	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
X	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
X	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
X	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The City of Pinole has historically housed the Corp Yard at the WPCP. All activities at the WPCP, including stormwater and the Corp Yard, 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.**	**August 28, 2017**	**The BMPs listed were in place. No adverse findings.**	

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

	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. **Primary corp yard located at WPCP plant, drains entirely to sanitary sewer and covered by different permit.**			

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.?		**Yes**	**X**	**No**
Comments (optional):				

C.3.e.v ► Special Projects Reporting

1. In FY 2017-18, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?		**Yes**	**X**	**No**
2. In FY 2017-18, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the **C.3.b.iv.(2)** Table, and the **C.3.e.v.** Table.		**Yes**	**X**	**No**
NA				

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

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

See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment Systems/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 (FY16-17)	**5**
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 17-18)	**8**
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 17-18)	**5**
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 17-18)	**62%**[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:

Water Board staff in their April 11, 2011 annual report review letter indicated that a self-inspection by owners/operators of treatment and HM controls is not acceptable as a municipal O&M verification inspection. Inspections must be conducted by Permittee staff and/or contractor under direction of the permittee. However, for vault-based treatment systems, Permittees may accept 3rd party inspection reports in-lieu of conducting Permittee O&M inspections only if the 3rd party inspections are conducted at least annually.

City staff inspected 5 sites this reporting year. Two of the five sites were new installations as part of the Gateway Development.

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. 62% of the sites in the City were inspected this year.

C.3.h.v.(4)► Enforcement Response Plan

Does your agency have an Enforcement Response Plan for all O&M inspections of stormwater treatment measures?	X	**Yes**		**No**

If No, explain:

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:

The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the Stormwater C.3 Guidebook, 6th Edition. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City of Pinole's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the Stormwater C.3 Guidebook.

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

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

Summary:

The City Engineer made presentations to the Pinole City Council in 2016, 2017 and 2018 on the topic of green infrastructure and specifically in regard to trash diversion. The Plan has been discussed with the City Planner, Public Works Inspector/ GIS Tech, Senior Project Manager. Please refer to the Countywide Program's FY 17-18 Annual Report for a summary of outreach efforts implemented at the Countywide level.

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

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

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

Background Information:

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

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

C.3.j.iii.(2) ► 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 17-18 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) ► 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 17-18 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											
NA											
Public Projects											
NA											
Comments:											

[4]Include cross streets
[5]If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".
[6]Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[7]State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.
[8]All impervious surfaces added to any area of the site that was previously existing pervious surface.
[9]All impervious surfaces added to any area of the site that was previously existing impervious surface.
[10]For redevelopment projects, state the pre-project impervious surface area.
[11]For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date[12]	Application Final Approval Date[13]	Source Control Measures[14]	Site Design Measures[15]	Treatment Systems Approved[16]	Type of Operation & Maintenance Responsibility Mechanism[17]	Hydraulic Sizing Criteria[18]	Alternative Compliance Measures[19/20]	Alternative Certification[21]	HM Controls[22/23]
Private Projects										
NA										

[12]For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.
[13]For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.
[14]List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[15]List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[16]List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[17]List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc…) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[18]See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[19]For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[20]For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
[21]Note whether a third party was used to certify the project design complies with Provision C.3.d.
[22]If HM control is not required, state why not.
[23]If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

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

[24]For public projects, enter the plans and specifications approval date.
[25]List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
[26]List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
[27]List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
[28]List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
[29]See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
[30]For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
[31]For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i. (2), on a separate page, provide the information specified in Provision C.3.b.v. (1)(m)(ii) for the Regional Project.
[32]Note whether a third party was used to certify the project design complies with Provision C.3.d.
[33]If HM control is not required, state why not.
[34]If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ►Table of Newly Installed[35] Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.

Name of Facility	Address of Facility	Party Responsible[36] For Maintenance	Type of Treatment/HM Control(s)
NA	NA	NA	NA

[35] "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
[36] State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table

Reporting Period – July 1 2017 - June 30, 2018

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]
NA												

[37]Date that a planning application for the Special Project was submitted.
[38] Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.
[39]Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.
[40] For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.
[41]For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.
[42]**:** List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.
[43]List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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 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]
San Pablo Avenue Bridge over BNSF Railroad	Bridge replacement	RFP	Yes	City is in procurement for engineering; GI elements tbd.
Annual Building Rehabilitation/Major Repair Projects	Maintenance	Ongoing	No	
Citywide Roof Repairs and Replacement	Roofing	Planning	No	
Paint City Hall (Inside and Outside)	Painting	Planning	No	
Replace HVAC & Roof at Senior Center	HVAC	Planning	No	
Tiny Tots Floor Slab Replacement	Replace slab	Planning	No	
2548 Charles Ave. Repurposing (Fowler House)	C&D	Planning	No	
Replace HVAC at City Hall	HVAC			
Soccer Field Maintenance	Sod	Ongoing	Yes	TBD
Maintenance Caretaker Structure	Maintenance of residential unit	Ongoing	No	
Park Benches and Tables	New park features	Ongoing	No	
Prepare a Park Master Plan	Master plan	Planning	Yes	TBD
Rehabilitation of Play Fields at Fernandez Park	Field maintenance	Planning	Yes	TBD
Replace Lighting at Louis Francis Park	Upgrade Lighting	Planning	No	
Restrooms in Fernandez Park	Replace existing restroom with modular unit	Planning	TBD	Building construction regulated; City considering landscaping options.
Replace Chips with Rubber	Improvement	Planning	No	

[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.

Matting				
Senior Center Parking Lot Pavement Maintenance	**Maintenance**	**Planning**	**No**	
Uniform Park Signage	**Improvements**	**Planning**	**No**	
Evaluation of Outfall	**Evaluation of the treatment plant outfall**	**Planning**	**No**	
Hazel Street Sewer Pump Station Rehabilitation	**Rehabilitation of sewage lift station**	**Construction**	**No**	
Inflow and Infiltration Monitoring	**Monitoring of I&I consultant contract**	**Planning**	**No**	
Inflow and Infiltration Rehabilitations Projects	**Repairs to sanitary sewers**	**Construction**	**No**	
Storage Building and Improvements (651 Pinole Shores Dr.)	**Improvements**	**Planning**	**Yes**	
Upgrades to Wastewater Treatment Plant	**Upgrades and expansion of the municipal treatment plant**	**Planning**	**No**	
Annual Inflow and Infiltration Rehabilitation Project	**Maintenance and repairs**	**Ongoing**	**No**	
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**
Street Sweeper Replacement	**Procurement of street sweeper**	**Procurement**	**No**	**Positively benefits stormwater by removing more toxins and trash from inlets. Is not itself GI.**
Annual Miscellaneous Roadway Repair	**Various Roadway Repair**	**Ongoing**	**No**	
Annual Pothole Repair Program	**Callout for pothole repairs**	**Ongoing**		
Annual Roadway Striping Program	**Repairs to existing street striping and legends**	**Ongoing**	**No**	
Annual Sidewalk Maintenance Program	**Sidewalk repair program**	**Ongoing**	**No**	
Annual Sign Replacement Program	**Ongoing replacement of street signage**	**Planning**	**No**	
Annual Tree Trimming	**Tree trimming**	**Ongoing**	**No**	
Pavement Maintenance and Rehabilitation Program	**Pavement maintenance**	**Ongoing**	**No**	

Shale Hill Stabilization	Retaining wall, complete street	Planning	Yes	Anticipate: bioswale, street trees. TBD.
Sharrow Pavement Markings	Biking markers	Planning	No	
HAWK at Appian Way and Marlesta	Streetlight installation	Planning	No	
San Pablo Avenue Rehabilitation	Street paving and rehabilitating	Planning	No	

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
NA			

[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:

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 2017-18, City Inspectors performed 65 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 CCCWPs Annual Report for a description of activities of the CCCWP's Municipal Operations Committee 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.

C.4.d.iii.(2)(a) & (c) ►Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

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

	Number
Total number of inspections conducted (C.4.d.iii.(2)(a))	**68**
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))	**3**

Comments:

This year, 65 facilities were inspected which included 4 new business and 2 permit facilities. There were 3 potential problem facilities this year. A total of 3 verbal warnings and 0 Notice of Violations issued. These caused an additional 3 follow up inspections, for a total 68 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)[49]	**Number of Enforcement Actions Taken**
Level 1	**Verbal Warning/Warning Notice/Education**	**3**
Level 2	**Notice of Violation**	**0**
Level 3	**Formal Enforcement**	**0**
Level 4	**Legal Action**	**0**
Total		**3**

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**	**3**
Mini-mart	**0**	**0**
Multi-unit	**0**	**0**
Gas Station	**0**	**0**
Grocery Store	**0**	**0**
Manufacturing	**0**	**0**
Retail	**0**	**0**
Vehicle Service	**0**	**0**
Hardware	**0**	**0**
Body Shop	**0**	**0**
Commercial	**0**	**0**
Fleet operations	**0**	**0**
Dry Cleaner	**0**	**0**

[49]Agencies to list specific enforcement actions as defined in their ERPs.
[50]List your Program's standard business categories.

Building Supplies	**0**	**0**
Food Service	**0**	**0**

C.4.d.iii.(2)(e) ►Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:
None

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
C4 Annual Training Workshop	**May 3, 2018**	• **Elements of an effective enforcement response plan** • **Unique aspects to industrial inspections** • **Mock inspection of an industrial facility**	**1**	**1**	**1**	**50%**
Comments: **None**						

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 countywide program's FY 17-18 Annual Report (if applicable) for description of activities at the countywide or regional level.

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

Summary of any changes made during FY 17-18:

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

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**
Comments: **None**			

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

	Enforcement Action (as listed in ERP)[51]	**Number Enforcement Actions Issued**
Level 1[52]	**Verbal Warning/Warning Notice/Education**	**0**
Level 2	**Notice of Violation**	**0**
Level 3	**Formal Enforcement**	**0**
Level 4	**Legal Action**	**0**
Total		**0**

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

C.6.e.iii.(3)(f), ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	**0**

C.6.e.iii.(3)(g) ► Corrective Actions

Indicate your reporting methodology below.

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

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	**0**

Comments: None

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.).

Because so few of these events occur in Pinole, assessing large scale trends is not an effective use of time.

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 primary challenge faced by the program is capacity constraints, which would be remedied by increased resources and staffing that is currently not feasible.

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
Contra Costa Clean Water Program C.6 Training	April, 17, 2018	• Learn the principles of stormwater protection at construction sites • Refresher on C.6 requirements • Information on BMPs and resources • Inspection practices, documentation and annual reporting	1

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.

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**
May 2018 "Bring Back the Natives" 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 17-18 Annual Report, Section 7 Public Information and Outreach for a full description of the event.**	**Refer to the CCCWP's FY 17-18 Annual Report, Section 7 Public Information and Outreach for an evaluation of the effectiveness of the event.**
Our Water Our World (Tabling/Outreach at Stores)	**Includes Tabling/Outreach Events at retail outlets.** **Refer to the CCCWP's FY 17-18 Annual Report, Section 7 Public Information and Outreach for a full description of the event.**	**Refer to the CCCWP's FY 17-18 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 17-18 Annual Report, Section 7 Public Information and Outreach for a full description of the event.**	**Refer to the CCCWP's FY 17-18 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 17-18 Annual Report, Section 7 Public Information and Outreach for a full description of this effort.**	**Refer to the CCCWP's FY 17-18 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:

Please see the CCCWP's Fiscal Year 2017/18 Annual Report, Section 7 Public Information and Outreach for a full description of BASMAA and the CCCWP's encouragement and support of various Watershed Stewardship Collaborative Efforts, which includes involvement in the Community Watershed Stewardship Grant Program, sponsorship of the Bringing Back the Natives Garden Tour, CCCWP-staff participation in the Contra Costa Watershed Forum, support of the Green Business Program, and the Program's 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
Mr. Funnelhead School, City/County Events and TV Ads	**Refer to the Fiscal Year 2017-18 Group Program Annual Report, Section C.7 for activity description.**	**Refer to the Fiscal Year 2017-18 Group Program Annual Report, Section C.7 for details on number of students/teachers reached.**	**Refer to the Fiscal Year 2017-18 Group Program Annual Report, Section C.7 for evaluation of effectiveness.**

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ►Implement IPM Policy or Ordinance

Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?	X	Yes		No
If no, explain:				

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticide Active Ingredients Used[53]

Pesticide Category and Specific Pesticide Active Ingredient Used	**Amount**[54]					
	FY 15-16	**FY 16-17**	**FY 17-18**	**FY 18-19**	**FY 19-20**	**FY 20-21**
Organophosphates	**0**	**0**	**0**			
Pyrethroids (see footnote #57 for list of active ingredients)	**~15oz.**	**0**	**0**			
Carbamates	**0**	**0**	**0**			
Fipronil	**~1.25oz.**	**~2.25oz**	**0**			
Indoxacarb **Structural use of this product was used in two forms; Arilon and Advion. Advion was used as a gel at ~5 grams. Arilon was used to treat ants at 5 locations typically using 18oz at each location through the year.**	**Reporting not required in FY 15-16**	**0**	**~72oz**			
Diuron	**Reporting not required in FY 15-16**	**0**	**0**			
Diamides	**Reporting not required in FY 15-16**	**0**	**0**			

[53]Includes all municipal structural and landscape pesticide usage by employees and contractors.
[54]Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambdacyhalothrin, and permethrin.

IPM Tactics and Strategies Used:

Pacific Site Management uses Bay Friendly Certified employees. Additionally, they have provided this 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.

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

If yes, summarize the communication. If no, explain.

Refer to the CCCWP's Annual Report, Section C.9 Pesticide Toxicity Controls for a summary of the CCCWP's communication with Contra Costa County Agricultural Commissioner.

Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.		**Yes**	X	**No**

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

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 CCCWP's 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 CCCWP's 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 CCCWP's 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 17-18, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

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)	**30.6%**
Percent Trash Reduction in all TMAs due to **Control Measures Other than Trash Full Capture Systems** (as reported in C.10.b.ii)[55]	
Percent Trash Reduction due to **Jurisdictional-wide Source Control Actions** (as reported in C.10.b.iv)[1]	
SubTotal for Above Actions	**31%**
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 (Jurisdictional-wide) % Trash Load Reduction through FY 2017-18	**31%**

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 extensive outreach and coordination with property owners to successfully get trash capture devices installed. The City has completed one compliance notice mailing and is in communication with approximately 35 of the parcels with the top 100 highest trashloads in City limits. Compliance from the 110 parcels with the top trash loads would yield C10 compliance for the City. A second broader mailing is tentatively scheduled for September, with subsequent mailings through fall and enforcement commencing in 2019.

The City's stormwater consultant, cited previously, uses Program approved metrics for the calculations being presented in the City's load reduction calculation.

[55] See Appendix 10-1 for changes between 2009 and FY 17-18 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.ii.b ► Trash Generation Area Management - Identification of Private Drainages >10,000 ft²

State (Y/N) if your agency completed Permit Provision C.10.a.ii.b. If Yes, attach a map (or other record) or provide a website link to a map (or other record) of the location of lands >10,000 ft² (in Very High, High, and Moderate trash generation areas) that are plumbed directly to the Permittee's storm drain systems, including trash control status of these areas. If No, provide explanation of why the provision was not completed and the estimated date when the provision will be completed.

Did your agency complete Permit Provision C.10.a.ii.b?	**X**	**Yes**		**No**		**NA**

If No, provide explanation and estimated completion date:

Description of the process used to identify applicable areas and their trash control status:

To satisfy this requirement, an initial screening was conducted to identify applicable lands using Contra Costa Clean Water Program's ArcGIS on line application. As part of the screening process, lands under full trash capture, non-jurisdictional, or classified as low-trash generating were excluded. Single family homes were also excluded since they did not meet the required criteria. Remaining contiguous lands that were greater than 10,000 square feet were identified as potential Private Lands Drainage Areas (PLDAs).

Desktop analyses of the potential PLDAs were then conducted. Potential PLDAs were excluded if, through the desktop analyses, these lands were identified as having less than 10,000 square feet of applicable area once building footprints were deducted or no private storm drain inlets are on site. Potential PLDAs were also excluded based on certain other factors such as the identified lands are open space or, in very few particular cases, the lands have a low trash generation rate as based on results of recent assessments. Once the desktop analyses was completed, preliminary PLDAs were created from all remaining potential PLDAs. In rare circumstances, preliminary PLDAs were also created from areas that the initial screening had failed to identify.

For FY 2018/19, it is anticipated that preliminary PLDAs will be visually assessed to confirm or correct trash generation rates and the location of private storm drain inlets will be mapped. All preliminary PLDAs that still satisfy the criteria once the field analyses are completed will be designated as PLDAs. Appropriate follow up action will be taken such as outreach to applicable property owners and status will be tracked.

URL link to Map: http://arcg.is/1eGu15

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 prior to FY 17-18, during FY 17-18, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed Prior to FY 17-18		
Connector Pipe Screens	**31**	**79**
HDS Units	**12**	**0**
LID Facilities	**2**	**3**
Installed in FY 17-18		
Baskets	**60**	**56**
LID Facilities	**8**	**16**
Other	**0**	**4**
Total for all Systems Installed To-date		**158**
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) Jurisdictional-wide trash reduction in FY 17-18 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 17-18 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 17-18	Summary of Maintenance Issues and Corrective Actions
1	**7.8**	**113**	**0**	**Staff reported that 26 units prior to this reporting year were cleaned during FY 207-18. New units installed did not need cleaning prior to end of this reporting year. Systems were estimated at below 50% and were not plugged or blinded with trash.**
2	**10.2**			
3	**10.9**			
4	**0.6**			
5	**0.0**			
6	**1.1**			
7	**0.0**			
Total	**30.6**			

Certification Statement: The City of Pinole certifies that the FCD devices installed are fully operation and maintained to meet manufacturers specifications.

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	**Please see the attached report detailing the City's activities on C10 compliance.** **In addition to this report:** • **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.** **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.**

Summary of Trash Control Measures Other than Full Capture Devices:

- **Street Sweeping:** Include a description of any enhancements or new actions implemented after the MRP 1.0 effective date (i.e., December 2009). Identify portions of the TMA where enhanced street sweeping (i.e., increased sweeping frequency) and parking enforcement above 2009 levels was implemented.
- **On-land Cleanup:** Include a description of on-land cleanup activities that began after the MRP 1.0 effective date (i.e., December 2009) and continued into FY 17-18, including any enhancements or new actions implemented in FY 17-18. Describe if these actions are Permittee or volunteer-led.
- **Partial Capture Devices:** Provide a description of devices installed after the MRP 1.0 effective date (i.e., December 2009). Describe the level of maintenance conducted per device types.
- **Storm Drain Inlet Cleaning:** Describe storm drain inlet maintenance activities implemented after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 17-18, including any enhancements or new maintenance activities implemented in FY 17-18. For new/enhanced actions, include the number of inlets where enhanced maintenance occurred, and the increased frequency of maintenance.
- **Uncovered Loads:** Describe activities designed to reduce trash from uncovered loads that began after the MRP 1.0 effective date (i.e., December 2009) and continued in FY 17-18, including any enhancements or new actions implemented in FY 17-18. Describe the types of actions implemented including new or redirected enforcement efforts to increase the focus towards new or enhanced actions.
- **Anti-littering and illegal dumping enforcement activities:** Describe anti-littering and illegal dumping enforcement activities began after to the MRP 1.0 effective date (i.e., December 2009) and continued in FY 17-18, and any enhancements or new actions implemented in FY 17-

18. Include any new or redirected enforcement efforts to increase the focus towards new or enhanced actions. Describe the number of citations or other correction actions accomplished this year, and compare with previous years. Indicate how anti-littering and illegal dumping enforcement records are kept, and how they may be retrieved for audit.

- **Improved Trash Bin/Container Management:** Describe activities designed to improve trash bin/container management that began after the MRP1.0 effective date (i.e., December 2009) and continued in FY 17-18, and any enhancements or new actions implemented in FY 17-18. Include any new or redirected efforts to increase the focus towards these new or enhanced actions.
- **Other Types of Actions:** Describe activities designed after the MRP effective date (i.e., December 2009) and continued in FY 17-18, and any enhancements or new (post December 2009 effective date) actions implemented in FY 17-18.

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 17-18 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: X **Explanation: The City of Pinole is reporting 100% of its claimed reduction with full trash capture systems for the reporting year.**

TMA ID or (*as applicable*) Control Measure Area	**Total Street Miles[56] or Acres Available for Assessment**	**Summary of On-land Visual Assessments**			**Jurisdictional-wide Reduction (%)**
		Street Miles or Acres Assessed	**% of Available Street Miles or Acres Assessed**	**Avg. # of Assessments Conducted at Each Site**	
1	**0.87**	**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	**1.71**	**0**	**0**	**0**	**0**

[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 jurisdictional-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 is requiring businesses to cease the use of most types of polystyrene packaging.**	**The City will enforce this ordinance through its usual code enforcement process.**	**The City has prepared a letter it will send to affected businesses in fall.**	**0%**

C.10.b.v ► Trash Reduction – Receiving Water Monitoring

Guidance:
Please refer to the Countywide Program's FY 17-18 Annual Report for the Progress Report on the Receiving Water Trash Monitoring Program Plan.

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 17-18 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 17-18.

Trash Hot Spot	New Site in FY 17-18 (Y/N)	FY 17-18 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Pinole Creek – City of Pinole	**N**	**6/27/18**	**1 Cubic Yard**	**< 1 Cubic Yard**	**1.5 Cubic Yards**	**1.25 Cubic Yards**	**1.5 Cubic Yards**

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

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

Description of Significant Revision	Associated TMA
The City revised baseline trash generation rates during 2015-2016 to better depict accurate baseline trash generation. The performed assessments and used staff knowledge. An updated map has been included as an attachment to the report.	**3 & 7**
For this year 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.	**N/A**

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 17-18. 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 17-18	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)		**NA**	**NA**
Direct Trash Discharge Controls (Max 15% Offset)		**NA**	**NA**

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 17-18 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 17-18 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	8	9	106	0	123	23	8	91	0	123	7.8	23	8	91	0	123	0.0	7.8
2	0	8	21	0	29	25	0	4	0	29	10.2	25	0	4	0	29	0.0	10.2
3	68	57	13	0	138	117	19	2	0	138	10.9	117	19	2	0	138	0.0	10.9
4	2	1	22	0	25	4	1	21	0	25	0.6	4	1	21	0	25	0.0	0.6
5	1	19	0	0	20	1	19	0	0	20	0.0	1	19	0	0	20	0.0	0.0
6	0	9	0	0	9	8	0	0	0	9	1.1	8	0	0	0	9	0.0	1.1
7	2709	1	1	0	2711	2709	1	1	0	2711	0.0	2709	1	1	0	2711	0.0	0.0
1	8	9	106	0	123	23	8	91	0	123	7.8	23	8	91	0	123	0.0	7.8
Totals	2789	104	162	0	3055	2888	48	118	0	3055	30.6	2888	48	118	0	3055	0.0	30.6

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

See the Countywide Program's FY 2017-18 Annual Report for updated information on:

- **Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;**
- **A description of how the BASMAA Interim Accounting Methodology[57] was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area 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.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the Countywide Program's FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and mercury load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.11.e ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2017-18 Annual Report.

[57] BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

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

See the Countywide Program's FY 2017-18 Annual Report for:

- **Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;**
- **A description of how the BASMAA Interim Accounting Methodology[58] was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area 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.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the Countywide Program's FY 2017-18 Annual Report for information on the quantitative relationship between green infrastructure implementation and PCBs load reductions, including all data used and a full description of models and model inputs relied on to establish this relationship.

C.12.e ► Evaluate PCBs Presence in Caulks/Sealants Used in Storm Drain or Roadway Infrastructure in Public Rights-of-Way

A summary of Countywide Program and regional accomplishments for this sub-provision is included in the Countywide Program's FY 2017-18 Annual Report.

[58] BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.0. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., September 19, 2016.

C.12.f ►Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

A summary of Countywide Program and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of Countywide Program's FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement?		**Yes**	**X**	**No**

C.12.g.►Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of Countywide Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2017-18 Annual Report.

C.12.h ►Implement a Risk Reduction Program

A summary of Countywide Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2017-18 Annual Report

Section 13 - Provision C.13 Copper Controls

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

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

Summary:

The City of Pinole uses its Stormwater Ordinance to enforce the discharge of any pollutant to the MS4.

Any illicit discharge related to architectural copper would be enforced in accordance with the City's Enforcement Response Plan.

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:

There were no enforcement activities during this reporting year.

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:

Vehicle Service Facility Program

During site inspections conducted at vehicle service facilities we check that floor drains are sealed; verify how they handle spills; how they dispose of rinse water, old parts, chemicals, rags and uniforms; cleaning and storage methods. These facilities were found to be in compliance.

Bio-Rad Monitoring Program

A copper monitoring program for the cooling towers at Bio-Rad Facilities was developed in 2012. Bio-Rad has done self-monitoring checks throughout the year, to reduce copper from entering the collection system. Bio-Rad has bi-monthly copper samples tested by Inserv Company on these systems. Inserv Company sends copies of Bio-Rads bi-monitoring reports to the Pinole-Hercules WPCP to show their progress. There is a noticeable reduction in copper from 0.5mg/L to 0.0mg/L since Bio-Rad's self-monitoring program has begun. This is due to the change in the cleaning process of their copper tubing. They were using an aggressive condenser tube cleaner that etched the copper tubes in their chillers. The copper reduction that we now see is because of a new method of cleaning the tubes that involves a mild solution that gets the job done without any etching or damage to the inner tubes. Bio-Rad has continually had a decrease in their copper results.

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

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

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

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

Summary:

The City of 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.**
- **The City is redesigning its website and the new website will include increased content on stormwater, water pollution and conservation.**

Attachment 1
C.4.b.iii. Potential Facilities List

Pinole Clean Water Inspections **Annual Report**

Fiscal Year 2017-2018 **7/1/2017-6/30/2018**

	Name	Address	City	Last Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?	Ed Materials Distributed
1	Bay Cleaners & Laundromat	2580 APPIAN Way	Pinole	12-Jul-17	KO	Dry Cleaner	Routine	NO	NO
2	Bay Park Independent Living	2621 APPIAN WAY	Pinole	19-Dec-17	KO	Food Service	Routine	NO	YES
3	Bear Claw Bakery	2340 SAN PABLO AVE	Pinole	20-Dec-17	KO	Food Service	Routine	NO	YES
4	Big Kmart Stores	1500 FITZGERALD DRIVE	Pinole	07-Mar-18	KO	Retail	Routine	NO	NO
5	Big O Tires Inc.	700 BELMONT Way	Pinole	23-Oct-17	KO	Vehicle Service	Routine	NO	NO
6	Burger King	1571 FITZGERALD DRIVE	Pinole	20-Feb-18	KO	Food Service	Routine	NO	NO
7	Carl's Jr Restaurant	1550 FITZGERALD DRIVE	Pinole	07-Mar-18	KO	Food Service	Routine	NO	NO
8	China Delights	1501 TARA HILLS DRIVE	Pinole	10-Jan-18	KO	Food Service	Routine	NO	NO
9	Chuck E. Cheese	1470 FITZGERALD DRIVE	Pinole	14-Sep-17	KO	Food Service	Routine	NO	NO
10	Dave's Auto Repair	720 SAN PABLO AVE A	Pinole	10-Apr-18	KO	Vehicle Service	Routine	NO	NO
11	Dickey"s BBQ	1473 FITZGERALD DRIVE	Pinole	N/A		Food Service			
12	Dollar Tree	1598 FITZGERALD Drive	Pinole	11-Jun-18	KO	Retail	Follow up	NO	NO
13	East Bay Coffee	2529 SAN PABLO AVE	Pinole	2-Dec-17	KO	Food Service	Routine	NO	YES
14	eeonyx	750 BELMONT WAY	Pinole	21-Mar-18	KO	Manufacturing	Routine	NO	NO
15	Foodmaxx	1373 FITZGERALD DRIVE	Pinole	11-Jun-18	KO	Grocery Store	Follow up	NO	NO
16	Go Sushi	2701 PINOLE VALLEY ROAD	Pinole	13-Sep-17	KO	Food Service	Routine	NO	YES
17	Grocery Outlet	1460 FITZGERALD DRIVE	Pinole	14-Sep-17	KO	Grocery Store	Routine	NO	NO
18	Haweli Indian Restaurant	2554 APPIAN WAY	Pinole	12-Jul-17	KO	Food Service	Routine	NO	YES
19	Hunan Villa Chinese Restaurant	632 SAN PABLO AVE A	Pinole	21-Mar-18	KO	Food Service	Routine	NO	YES
20	In-N-Out Burger	1417 FITZGERALD DRIVE	Pinole	7-Aug-17	KO	Food Service	Routine	NO	NO
21	JV Shopping Center	2701 PINOLE VALLEY ROAD	Pinole	13-Sep-17	KO	Property Mngt	Routine	NO	NO
22	Kentucky Fried Chicken	1544 FITZGERALD DRIVE	Pinole	07-Mar-18	KO	Food Service	Routine	NO	NO
23	King Valley	795 FERNANDEZ AVE	Pinole	22-Dec-17	KO	Food Service	Follow up	YES	YES
24	Kragen Auto Parts / O'Reilly	1251 TARA HILLS DRIVE	Pinole	10-Jan-18	KO	Vehicle Service	Routine	NO	NO
25	Major Line Gas	1390 SAN PABLO AVE	Pinole	25-Oct-17	KO	Gas Station	Routine	NO	NO
26	McDonald's	1402 TARA HILLS DRIVE	Pinole	10-Jan-18	KO	Food Service	Routine	NO	NO
27	New Deli	624 SAN PABLO AVE A	Pinole	21-Mar-18	KO	Food Service	Routine	NO	NO
28	Ohana Hawaiian BBQ	1554 FITZGERALD DRIVE	Pinole	7-Mar-18	KO	Food Service	Routine	NO	NO
29	Panda Express	1460 FITZGERALD DRIVE 101	Pinole	07-Aug-17	KO	Food Service	Routine	NO	NO
30	Papa Murphy's Take 'n Bake Pizza	1502 FITZGERALD DRIVE A	Pinole	7-Mar-18	KO	Food Service	Routine	NO	NO
31	Pear Street Bistro	2395 SAN PABLO AVE.	Pinole	18-Dec-17	KO	Food Service	Routine	NO	YES
32	Peet's Coffee & Tea	2712 PINOLE VALLEY RD	Pinole	15-Nov-17	KO	Food Service	Routine	NO	YES
33	Pinole Cleaners	2701 PINOLE VALLEY ROAD	Pinole	13-Sep-18	KO	Dry Cleaner	Routine	NO	NO
34	Pinole Senior Village	2850 ESTATES AVE	Pinole	18-Dec-17	KO	Food Service	Routine	NO	YES
35	Pinole Shores	806-824 SAN PABLO AVE	Pinole	29-Aug-17	KO	Commercial	Routine	NO	NO
36	Pinole Shores	806-824 SAN PABLO AVE	Pinole	05-Apr-18	KO	Commercial	Routine	NO	NO
37	Pinole Shores	806-824 SAN PABLO AVE	Pinole	11-Apr-18	KO	Commercial	Routine	NO	NO
38	Pinole Valley Arco	2747 PINOLE VALLEY ROAD	Pinole	25-Oct-17	KO	Gas Station	Routine	NO	NO
39	Pinole Valley Lanes	1580 PINOLE VALLEY ROAD	Pinole	20-Nov-17	KO/JE	Commercial	Routine	YES	YES
40	Pinole Valley Shopping Center	2690-2830 PINOLE VALLEY	Pinole	21-Jul-17	KO	Retail	Routine	NO	NO
41	Pump House	700 TENNENT AVE	Pinole	25-Oct-17	KO	Grocery Store	Routine	NO	NO
42	Rickshaw Chinese Restaurant	1560 FITZGERALD DRIVE	Pinole	7-Mar-18	KO	Food Service	Routine	NO	YES
43	Round Table Pizza	1409 FITZGERALD DRIVE	Pinole	7-Aug-17	KO	Food Service	Routine	NO	NO
44	Sabor Latino 17	2511 SAN PABLO AVE	Pinole	20-Dec-17	KO	Food Service	Routine	YES	YES
45	Sam's Dog House	2432 SAN PABLO AVE	Pinole	18-Dec-17	KO	Food Service	Routine	NO	YES
46	San Pablo Cleaners	610 SAN PABLO AVE	Pinole	21-Mar-18	KO	Dry Cleaner	Routine	NO	NO
47	Soban	2701 PINOLE VALLEY RD	Pinole	N/A		Food Service			
48	Sprouts Farmers Market	1300 PINOLE VALLEY ROAD	Pinole	15-Nov-17	KO	Grocery Store	Routine	NO	YES
49	Square Deal Garage	2500 SAN PABLO AVE	Pinole	25-Oct-17	JE	Vehicle Service	Routine	NO	NO
50	Subway Sandwiches #25528	2768 PINOLE VALLEY ROAD	Pinole	15-Nov-17	KO	Food Service	Routine	NO	NO
51	Sugar City Building Materials, Inc.	800 SAN PABLO AVE	Pinole	26-Jun-18	KO	Manufacturing	Routine	NO	NO
52	Super Car Wash/Bubbles Car Wash	1261 TARA HILLS DRIVE	Pinole	10-Jan-18	KO	Car Wash/Det.	Routine	NO	NO
53	Tachikawa Japanese Restaurant	632 SAN PABLO AVE	Pinole	21-Mar-18	KO	Food Service	Routine	NO	NO
54	Taqueria Aguililla	1588 FITZGERALD DRIVE	Pinole	11-Jun-18	KO	Food Service	Follow up	NO	NO
55	Taqueira Sanchez	2400 SAN PABLO AVE	Pinole	18-Dec-17	KO	Food Service	Routine	NO	YES
56	Taqueria Morena	2576 APPIAN WAY	Pinole	12-Jul-17	KO	Food Service	Routine	NO	NO
57	Target	1400 FITZGERALD DRIVE	Pinole	14-Sep-17	KO	Retail	Routine	NO	NO

58	The Alley Cafe	2265 PEAR STREET	Pinole	25-Oct-17	KO	Food Service	Routine	NO	YES
59	The Red Onion	2870 PINOLE VALLEY ROAD	Pinole	13-Sep-17	KO	Food Service	Routine	NO	YES
60	Togo's Eatery	1356 FITZGERALD DRIVE	Pinole	25-Oct-17	KO	Food Service	Routine	NO	NO
61	Valero	2401 APPIAN WAY	Pinole	12-Jul-17	KO	Gas Station	Routine	NO	NO
62	Valley Produce Market	1588 SAN PABLO AVE	Pinole	19-Mar-18	KO	Grocery Store	Routine	NO	NO
63	Vista Shell	1401 FITZGERALD DRIVE	Pinole	15-Sep-17	KO	Gas Station	Routine	NO	NO
64	Wendy's Old Fashioned Hamburgers	1581 FITZGERALD DRIVE	Pinole	15-Sep-17	KO	Food Service	Routine	NO	No
65	Western Contra Costa Transit Authority (WESCAT)	601 WALTER AVE	Pinole	24-May-18	KO	Fleet Operations	Routine	NO	NO
66	Wing Stop	1581 FITZGERALD DRIVE	Pinole	20-Feb-18	KO	Food Service	Routine	NO	YES
67	Zio's Pasta Pronto	1473 FITZGERALD DRIVE	Pinole	8/7/17	KO	Food Service	Routine	NO	YES

New businesses inspected during fiscal year 2017-2018
Problem Facilities from previous year reinspected during fiscal year 2017-2018
Permit Facilities inspected yearly
Out of Business

Pinole Clean Water Inspections **Annual Report**

Fiscal Year 2016-2017 **7/1/2018-6/30/2019**

Name	Address	City	Last Inspection Date	Inspector1	Program Category	Inspection Type	Enforcement?	Ed Materials Distributed
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			
Café Marron	701 BELMONT WAY #C	Pinole			Food Service			
Cheese Steak Shop, Inc.	1394 FITZGERALD Drive	Pinole			Food Service			
China House	1971 SAN PABLO Ave	Pinole			Food Service			
Clemes & Clemes, Inc.	650 SAN PABLO Ave	Pinole			Manufacturing			
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			
Happy Shashimi	2718 PINOLE VALLEY Road	Pinole			Food Service			
Hometown Buffet	1579 FITZGERALD Drive	Pinole			Food Service			
Ice Cream Mania	1514 FITZGERALD	Pinole			Food Service			
Jack in the Box	2689 PINOLE VALLEY Road	Pinole			Food Service			
Jim Dandy Muffler	636 SAN PABLO Ave	Pinole			Vehicle Service			
Ken Betts Chevron	2695 PINOLE VALLEY Road	Pinole			Gas Station			
King Valley Restaurant	795 FERNANDEZ Ave.	Pinole			Food Service			
Kragen Auto Parts / O'Reilly	1442 FITZGERALD Drive	Pinole			Vehicle 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			
Noah's Bagels	1552 FITZGERALD Drive	Pinole			Food Service			
Oasis Nails & Spa	1346 FITZGERALD Drive	Pinole			Commercial			
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	2298 APPIAN Way	Pinole			Gas Station			
Pinole Service Center	730 SAN PABLO Ave	Pinole			Property Mngt			
Pizza Hut	1211 TARA HILLS Drive	Pinole			Food Service			
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			
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			
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	Routine		
Yummy Gurt	2701 PINOLE VALLEY Road	Pinole			Food Service			

New businesses inspected during fiscal year 2015-2016
Problem Facilities reinspected during fiscal year 2014-2015
Permit Facilities inspected yearly
Out of Business

Attachment 2
C.10. Full Trash Capture and Trash Management Area Map

PINOLE Full Trash Capture and Trash Management Area Map

Trash Generation Category

- Low
- Medium
- High
- Very High

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

- Streets
- Agency Boundary
- Creeks
- Parcel Boundary

N

0 0.35 0.7 1.4 Miles

CONTRA COSTA CLEAN WATER PROGRAM

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

Map Created By CCCWP GIS 8/22/2018

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Attachment 3
C.10.a.ii.b. Private Lands Drainage Area Map

Provision C.10.a.ii.b. Private Lands Drainage Area Map
CITY OF PINOLE

CONTRA COSTA CLEAN WATER PROGRAM

Prepared by PSOMAS

Date: 8/30/2018

0 0.475 0.95 1.9 Miles

- Agency Boundary
- Preliminary PLDAs
- Excluded PLDA
- Potential PLDA Under Evaluation

Trash Control Status Summary	Acres
Potential PLDA Screening Area	61
Potential PLDA Under Evaluation	0
Potential PLDA Excluded to Date	61
Preliminary PLDA Within Screening Area	7
Preliminary PLDA Outside Screening Area	94

CITY OF PINOLE

2131 Pear Street
Pinole, CA 94564

Phone: (510) 724-9010
FAX: (510) 724-9826
www.ci.pinole.ca.us

Supplemental Report on Progress Toward 80% C10 Target

Please note: The City has included the text of the CDO from the State Water Board in italics, below. The City responded to the items requested by the Clean Water Board under the header "City Response". The City would be pleased provide additional support or detail as needed.

Track and Report on Trash Control Actions. The Permittee shall submit with the 2017 - 2018 Annual Report by September 30, 2018, and subsequently by March 30, 2019, a brief narrative Supplemental Report that describes the Permittee's progress toward meeting the 70 percent and 80 percent trash load reduction requirement. The Supplemental Reports shall include the following:

1. *Regarding the Ordinance requiring installation of full trash capture devices by commercial property owners within the Permittee's jurisdiction:*
    a. *The status of the Ordinance's adoption.*

City response - The City of Pinole passed the Ordinance on November 7, 2017 and the Ordinance went into effect thirty (30) days thereafter. The ordinance provides a grace period for voluntary compliance which ends on December 31, 2018. The ordinance empowers the City to begin enforcement of the ordinance on January 1st, 2019.

    b. *Assuming adoption of the Ordinance:*
        i. *A brief summary of the Ordinance*

City response - The ordinance adds new trash capture requirements to the City's existing stormwater code to assist in stormwater management and discharge controls. Please reference the attached Ordinance (Attachment B).

        ii. *The timeline of implementation required by the Ordinance*

City response – Please see Attachment A, which includes the City's current timeline for compliance with the ordinance and related mailings.

2. *For all commercial property owners subject to the Ordinance:*
    a. *The status of trash reduction implementation*

City response During 2017-2018 the City expended significant staff and fiscal resources to a) pass the trash capture ordinance, b) put the community on notice of the ordinance and c) initiate implementation of the ordinance.

The City projects that compliance from approximately 75% of affected parcels in TMA 1 and 4, combined with the City's ROW trash capture installations, could yield trash diversion estimated at approximately 75%. After one mailing the City received outreach from 30+ property owners who the City is now engaged with to assist in facilitating compliance activity, many of whom are located in TMA 1 and 4.

The next mailing will include a "compliance guide" (Attachment D) that addresses issues and questions that arose from the first mailing. Additional mailings are planned prior to January 1st, 2019. The City will utilize the capacity and expertise of its on-call consultant to work with property owners on compliance following subsequent mailings.

b. The status of any enforcement actions undertaken, including actions by the Permittee against commercial property owners, to achieve compliance with the Ordinance.

City response - The ordinance provides a grace period for voluntary compliance that ends on December 31, 2018. The ordinance permits the City to undertake code enforcement actions beginning January 1st, 2019. The City expects to enforce the ordinance through its code enforcement processes, however, the City will also consider additional enforcement options depending on the success of outreach mailings throughout fall 2018.

3. The status of any additional implementation actions, including source control actions and offsets, used to achieve compliance with the Permit, and the resulting trash load reduction.

City response - At this time, the City's focus is on pursuing full trash capture in order to meet the reduction goals. The City is also reaching out to local businesses to provide notice of the City's polystyrene food packaging ban (Attachment C) which will further assist in stormwater management and discharge controls.

4. Progress toward meeting the trash reduction requirement by the deadline identified in Provision 1, above, including the resulting city - wide total trash load reduction (percent).

City response - As the City is in the process of implementing the trash capture ordinance, as set forth above. As this process is underway the percentage reported in the annual report is current.

Thank you for your time. As noted above the City is happy to provide additional detail and answer any questions on its implementation program.

ATTACHMENTS

A. Trash Capture Ordinance Implementation Timeline
B. Trash Capture Ordinance
C. Polystyrene Ban Ordinance
D. Compliance Letter

ATTACHMENT A
Trash Capture Ordinance Implementation Timeline

ATTACHMENT A

	2018							2019							
Complete By	**25-Jun**	**2-Jul**	**24-Sep**	**1-Oct**	**22-Oct**	**26-Nov**	**17-Dec**	**7-Jan**	**28-Jan**	**18-Feb**	**11-Mar**	**18-Mar**	**25-Mar**	**1-Apr**	**6-May**
Task															
Trash Capture Mailing 1	29-Jun														
Trash Capture Mailing 2 with Compliance Guide															
Polystyrene Ban Notice 1															
Supplemental Report to CWB per CDO				30-Sep											
Trash Capture Mailing 3 with Compliance Guide															
30 Day Notice															
Enforcement Warning															
Follow Up Compliance		ONGOING ->													
14 Day Notice of Citation															
Citation 1 Issued															
Citation 2 with Fine Issued [IF NEEDED]															
Citation 3 with accumulated fines issued [IF NEEDED]															
Follow Up Compliance								ONGOING ->							
Ongoing Enforcement [AS NEEDED]												ONGOING ->			
Supplemental Report to CWB per CDO														30-Mar	
70% Trash Load Reduction CDO Benchmark															1-May
80% Trash Load Reduction MRP Requirement															1-Jul

ATTACHMENT B
Trash Capture Ordinance

ATTN: ONLY RELEVANT SECTIONS INCLUDED– SEE HIGHLIGHTED SECTIONS

Pinole, CA Municipal Code

Chapter 8.20
STORMWATER MANAGEMENT AND DISCHARGE CONTROL

Sections:

8.20.010 Intent and purpose.

8.20.020 Definitions.

8.20.030 Responsibility for administration.

8.20.040 Construction and application.

8.20.050 Stormwater control plan required.

8.20 060 Discharge of non-stormwater.

8.20.070 Discharge in violation of permit.

8.20.080 Unlawful discharge and unlawful connections.

8.20.090 Reduction of pollutants in stormwater.

8.20.100 Compliance certificates for stormwater management facilities.

8.20.110 Authority to inspect.

8.20.120 Violations constituting misdemeanors.

8.20.130 Penalty of violation.

8.20.140 Continuing violation.

8.20.150 Concealment.

8.20.160 Acts potentially resulting in violation of Federal Clean Water Act and/or Porter-Cologne Act.

8.20.170 Violations deemed a public nuisance.

8.20.180 Civil actions.

8.20.190 Remedies not exclusive.

8.20.200 Appeal.

8.20.210 Judicial review.

8.20.10 INTENT AND PURPOSE.

A. Intent. The intent of this chapter is to protect and enhance the water quality of the city's watercourses pursuant to, and consistent with, the Porter-Cologne Water Quality Control Act (Water Code section 13000 et seq.) and the Federal Clean Water Act (33 U.S.C. section 1251 et seq.).

B. NPDES Permit. This chapter also carries out the conditions in the City's National Pollutant Discharge

Elimination System (NPDES) permit that require effective February 15, 2005 implementation of appropriate source control and site design measures and stormwater treatment measures for projects that create or replace on acre or more of impervious surface, and that effective August 15, 2006 reduce the threshold to projects that create or replace 10,000 square feet or more of impervious surface.

C. Purpose. It is the purpose of the City Council in enacting this chapter to protect the health, safety and general welfare of Pinole's citizens by:

1. Minimizing non-stormwater discharges, whose pollutants would otherwise degrade the water quality of local streams, to the stormwater system;

2. Minimizing increases in nonpoint source pollution caused by stormwater runoff from development that would otherwise degrade local water quality;

3. Controlling the discharge to the city's stormwater system from spills, dumping or disposal of materials other than stormwater;

4. Reducing stormwater run-off rates and volumes and nonpoint source pollution whenever possible, through stormwater management controls and ensuring that these management controls are properly maintained and pose no threat to public safety. (Ord. 2004-16 § 1(part), 2004)

8.20.20 DEFINITIONS.

The following words and phrases when used in this chapter shall be as defined in this section. Words and phrases used in this chapter and not otherwise defined shall be interpreted as defined in the regulations issued by the U.S. Environmental Protection Agency to implement the provisions of the Federal Clean Water Act, and as defined by the State Water Resources Control Board to implement the Porter-Cologne Act in the State Water Code.

A. ***AUTHORIZED ENFORCEMENT OFFICER(S)*** or ***OFFICER.*** Those individuals designated by the City Engineer to act as Authorized Enforcement Officers.

B. ***BEST MANAGEMENT PRACTICES*** or ***BMPs***. Structural devices, measures, stormwater management facilities or activities that help to meet development runoff requirements at the premises. BMP also include schedules of activities, prohibitions or practices, general good housekeeping, pollution prevention practices, maintenance procedures and other management practices, to prevent or reduce the discharge of pollutants directly or indirectly to watercourses, water bodies, and wetlands. Examples of best management practices include, but are not limited to, those described in publications by the United States Environmental Protection Agency, the California Water Boards, the California Stormwater Quality Association, the Bay Area Stormwater Management Agencies Association, the Contra Costa Clean Water Program, and, the City of Pinole.

C. ***CITY'S NPDES PERMIT.*** The NPDES permit issued to the City of Pinole, Permit No. CAS0029912, and any subsequent amendment, reissuance or successor to this NPDES permit.

D. ***DEVELOPMENT PROJECT.*** The whole of an action which has the potential for adding or replacing or resulting in the addition or replacement of roofs, pavement, or other impervious surfaces and thereby resulting in increased flows and stormwater pollutants. A Development Project includes, but is not limited to a rezoning, tentative map, parcel map, conditional use permit, variance, site development permit, design review, or building permit.

E. ***DEVELOPMENT RUNOFF REQUIREMENTS.*** The provisions in the City's NPDES permit that contain performance standards to address both the construction and post- construction phase impacts of new projects and redeveloped projects on stormwater quality. These requirements are in Contra Costa Clean Water Program Stormwater C.3. Guidebook.

F. ***FULL TRASH CAPTURE SYSTEM.*** Any device or series of devices that traps all particles retained by

a 5mm mesh screen and has a design treatment capacity of not less than the peak flow rate resulting from a one-year, one-hour, storm in the tributary drainage catchment area.

G. ***CITY ENGINEER or DIRECTOR.*** The Director of Public Works or his or her designee.

H. ***GUIDEBOOK.*** The most recent version of the Contra Costa Clean Water Program Stormwater C.3. Guidebook.

I. ***NON-STORMWATER DISCHARGE.*** Any addition of any pollutant to the City's stormwater system, except discharges pursuant to a NPDES permit, or discharges further exempted in Section 8.20.060 C and D of this chapter.

J. ***FACILITY.*** Any nonresidential premises.

K. ***POLLUTANT.*** Any material other than stormwater, including but not limited to petroleum products or byproducts, solid waste, incinerator residue, sewage, sewage sludge, heat, chemical waste, biological materials, radioactive materials, wrecked or discarded equipment, rock, sand, soil and industrial, municipal or agricultural waste discharged into the water or stormwater system.

L. ***PREMISES.*** Any building, lot, parcel, structure, facility, real estate, land or portion of land whether improved or unimproved, or installation, (including a building's grounds or other appurtenances), and adjacent sidewalks and parking strips. Examples of premises include, but are not limited to, parking lots, gasoline stations, industrial facilities, and other commercial enterprises.

M. ***RESPONSIBLE PERSON.*** The owner or occupant of any premises or who engages in any activity from which there is or may be a non-stormwater discharge or any person who releases pollutants to the city's stormwater system.

N. ***STORMWATER.*** The flow on the surface of the ground resulting from precipitation.

O. ***STORMWATER MANAGEMENT FACILITY.*** Any device that utilizes detention, retention, filtration, harvest for reuse, evapotranspiration, or infiltration to provide treatment (and/or control volume, flows, and durations) of stormwater for purposes of compliance with Development Runoff Requirements, including without limitation, a Full Trash Capture System.

P. ***STORMWATER CONTROL PLAN.*** A plan that meets those criteria contained in the most recent version of the Contra Costa Clean Water Program Stormwater C.3. Guidebook.

Q. ***STORMWATER SYSTEM.*** Those facilities by which stormwater may be conveyed to any stream, watercourse, other body of water or wetlands, including flood control channels, any roads with drainage system, city streets, catch basins, curbs, gutters, ditches, improved channels, storm drains or storm drain system, which are not part of publicly owned treatment works ("POTW") as that term is defined in 40 CFR Section 122.2.

R. ***UNLAWFUL DISCHARGE.*** Any discharge to the City's stormwater system that is not composed entirely of stormwater, except discharges pursuant to a NPDES permit, discharges resulting from firefighting activities and discharges further exempted at Section 8.20.050 of this chapter.

(Ord. 2017-13 § 2, 2017; Ord. 2004-16 § 1(part), 2004).

8.20.030 RESPONSIBILITY FOR ADMINISTRATION.

This chapter shall be administered for the City by the City Engineer. (Ord. 2004-16 § 1(part), 2004).

8.20.90 REDUCTION OF POLLUTANTS IN STORMWATER.

Any person owning or operating premises that may contribute pollutants to the City's stormwater system shall undertake best management practices to reduce the potential for pollutants entering the system to the maximum extent practicable. Examples of such premises include, but are not limited to, parking lots, gasoline

stations, industrial facilities, and other commercial enterprises. Further, where best management practices or other requirements have been adopted by and federal, state, regional, City or county agency, for any activity, or operation of premises, which may cause or contribute to non-stormwater discharge, every person undertaking such activity, operation, or owning and operating such premises, shall comply with such BMPs or requirements. The City may require the owner of any premises regulated by this chapter to enter into a long-term covenant or agreement, in a form approved by City, to ensure the operation and maintenance of any facilities required hereunder, including without limitation a Full Trash Capture System, in compliance with the provisions of this chapter.

A. Littering. No person shall throw, deposit, leave, keep or permit to be thrown, deposited, placed, left or maintained, any refuse, rubbish, garbage or other discarded or abandoned objects, articles, or other litter in or upon any street, alley, sidewalk, stormwater system, creek, fountain, pool, lake, stream, river or any other body of water, business place, or upon any public or private plot of land in the city so that the same might become a pollutant, except in containers or in lawfully established waste disposal facilities.

The occupant or tenant, or in the absence of occupant or tenant, the owner or proprietor of any real property in the City in front of which there is a paved sidewalk shall maintain said sidewalk free of dirt or litter to the maximum extent practicable. Sweepings from the sidewalk shall not be swept or otherwise made or allowed to go into the gutter or roadway, but shall be disposed of in receptacles maintained as required for the disposal of solid waste.

B. Bodies of Water. No person shall throw or deposit litter in any fountain, pool, lake, creek, stream, river or any other body of water in a park or elsewhere within the City.

C. Maintenance of Premises and Landscaped Areas. Persons owning, operating, or maintaining premises, including landscaped areas, shall implement best management practices to minimize the release of pesticides, fertilizers, herbicides, and other related materials used to maintain landscaping and related facilities. Persons owning, operating, or maintaining premises shall further implement best management practices to minimize the release of litter, trash, or other refuse.

D. Standard for Parking Lots, Paved Areas and Related Stormwater Systems. Persons owning, operating or maintaining a paved parking lot, the paved areas of a gas station, a paved private street or road and related stormwater systems shall clean those premises as frequently and thoroughly as practicable in a manner that does not result in the discharge of pollutants to the stormwater system. Persons owning, operating or maintaining such premises shall install and maintain a Full Trash Capture System, and any other devices or facilities specified by the Director, on all inlets to the City's stormwater system no later than January 1, 2019, to prevent the discharge of trash or other pollutants to the City's stormwater system from private parking lots, streets, roads, and drainage facilities into the stormwater system. Failure or refusal to timely comply with such requirement is prohibited and shall constitute a violation of this chapter, except that the Director may waive this requirement or extend the deadline for compliance for any premises for which the Director determines, in his or her sole judgment, that installation of a Full Trash Capture System is not feasible or necessary to prevent discharge of pollutants.

E. Best Management Practices for New Developments and Redevelopments. All construction contractors performing work in the City shall conform to the requirements of the Best Management Practices (BMPs) for Construction Activities and New Development and Redevelopment required by the California BMP Handbook, Construction, January 2003, the Caltrans Stormwater Quality Handbooks, Construction Site Best Management Practices Manual, March 2003, the San Francisco Bay Regional Water Quality Control Board Erosion and Sediment Control Field Manual, 2002, the City's grading and erosion control ordinance and other generally accepted engineering practices for erosion control as required by the director when undertaking construction activities. As a minimum, such BMPs shall include provision for filter materials placed to preclude an increase in debris and sediments entering the stormwater system over "non project" conditions. The City Engineer may establish controls on the rate, volume, and duration of stormwater runoff from construction projects as may be appropriate to minimize the discharge and transport of pollutants. All construction sites must implement and maintain at least the following minimum BMPs: erosion control at the site, run-on and run-off controls to and from the site, control of sediments and fines on the site, active treatment systems (as necessary), good site management, and non-stormwater management.

F. Notification of Intent and Compliance with General Permits. Each industrial discharger, discharger

associated with construction activity or other discharge described in any general stormwater permit addressing such discharges, as may be adopted by the United States Environmental Protection Agency, the State Water Resources Control Board, or the California Regional Water Quality Control Board, San Francisco Bay Region, shall provide the notice of intent, comply with and undertake all other activities required by any general stormwater permit applicable to such dischargers. Each discharger identified in an individual NPDES permit relating to stormwater discharges shall comply with and undertake all activities required by such permit.

G. Development Runoff Requirements. For each new development and redevelopment project subject to the development runoff requirements, every applicant will submit a stormwater control plan and implement conditions of approval that reduce stormwater pollutant discharges through the construction, operation and maintenance of treatment measures and other appropriate source control and site design measures. Similarly, increases in runoff volume and flows shall be managed in accordance with the development runoff requirements.

H. Compliance with Best Management Practices. Where best management practice guidelines or requirements have been adopted by any federal, state, regional, City and/or county agency, for any activity, operation or facility which may cause or contribute to non-stormwater discharges, every person undertaking such activity or operation or owning and operating such facility shall comply with such guideline or

requirement.

I. Stormwater Pollution Prevention Plan. The City Engineer may require any business in the city that is engaged in activities which may result in non-stormwater discharges or runoff pollutants to develop and implement a stormwater pollution prevention plan, which must include an employee training program. Business activities which may require a stormwater pollution prevention plan include maintenance, storage, manufacturing, assembly, equipment operations, vehicle loading, fueling, vehicle maintenance, food handling or processing, or cleanup procedures which are carried out partially or wholly out of doors.

J. Coordination with Hazardous Materials Release Response Plans and Inventory. Any business subject to the hazardous materials release response and inventory plan, Division 20, Chapter 6.95 of the California Health and Safety Code (commencing with Section 25500), shall include in that plan provision for compliance with this chapter, including the prohibitions for non-stormwater discharges and, the requirement to reduce release of pollutants to the maximum extent practicable.

(Ord. 2017-13 § 5, 2017; Ord. 2004-16 § 1(part), 2004).

8.20.120 VIOLATIONS CONSTITUTING MISDEMEANORS.

The violation of any provision of this chapter, or failure to comply with any of the mandatory requirements of this chapter shall constitute a misdemeanor, except that notwithstanding any other provisions of this chapter, any such violation constituting a misdemeanor under this chapter may, at the discretion of the Authorized Enforcement Officer may be charged and prosecuted as an infraction. (Ord. 2004-16 § 1(part), 2004).

8.20.130 PENALTY OF VIOLATION.

A. Upon conviction of a misdemeanor, a person shall be subject to payment of a fine, or imprisonment, or both, not to exceed the limits set forth in California Government Code Section 36901.

B. Upon conviction of an infraction, a person shall be subject to payment of a fine, not to exceed the limits set forth in California Government Code Section 36900. (Ord. 2004-16 § 1(part), 2004).

8.20.140 CONTINUING VIOLATION.

Every day any violation of this chapter shall continue shall constitute a separate offense. (Ord. 2004-16 § 1(part), 2004).

made pursuant to this chapter. (Ord. 2004-16 § 1(part), 2004).

ATTACHMENT C
Polystyrene Ban Ordinance

Chapter 8.37
POLYSTYRENE PRODUCTS

Sections:

8.37.010 Definitions.

8.37.020 Prohibited use of polystyrene-based disposable food ware and coolers.

8.37.030 Exemptions.

8.37.040 Enforcement.

8.37.050 Grace period.

8.37.10 DEFINITIONS.

As used in this chapter:

A. ***CITY.*** The City of Pinole.

B. ***CITY DEPARTMENT.*** Any governmental subdivision of the City.

C. ***CITY FACILITY.*** Any building, structure, vehicle, land or park owned and operated by the City.

D. ***CITY FACILITY USER.*** Any person, society, association, organization or special events promoter who requires a permit to use a City facility or a permit or contract to use a plaza, sidewalk, or roadway.

E. ***CITY MANAGER.*** The City Manager of the City of Pinole or City Manager's designee.

F. ***CITY-SPONSORED EVENT.*** Any activity that is organized by the City, and any private activity whose organizers voluntarily request and receive from the City any endorsement, financial assistance, or similar recognition that is unrelated to any requirements for such an event under applicable law.

G. ***DISPOSABLE FOOD WARE.*** Single-use, disposable products used for serving or transporting prepared food, including but not limited to plates, bowls, trays, wrappers or wrapping, platters, cartons, hinged or lidded containers, cups or drink ware, or any other container designed for one-time use for prepared foods. This definition does not include single-use straws, drink lids or utensils, nor does it include disposable packaging for unprepared foods.

H. ***ESTABLISHMENT.*** A place of business of a food provider or other person subject to the requirements of this Chapter.

I. ***FOOD PROVIDER.*** Any establishment located within the City, or any establishment that sells or otherwise provides prepared food or beverages within the City for public consumption on or off its premises and includes, but is not limited to, any store, shop, sales outlet, restaurant, bar, pub, coffee shop, cafeteria, caterer, convenience store, liquor store, grocery store, supermarket, delicatessen, food market, mobile food preparation truck or vehicle, roadside stand, or any other person who provides prepared food. Food provider also includes any organization, group or other person that regularly provides prepared food to its members or the general public as a part of its activities or services.

J. ***PERSON.*** Any person, business, corporation, or event organizer or promoter; public, nonprofit or private

entity, agency or institution; or partnership, association or other organization or group, however organized.

K. ***POLYSTYRENE.*** A thermoplastic petrochemical material utilizing the styrene monomer, including but not limited to polystyrene foam or expanded polystyrene, (sometimes incorrectly called Styrofoam™, a Dow Chemical Co. trademarked form of expanded polystyrene foam insulation) processed by any number of techniques, including but not limited to fusion of polymer spheres (expandable bead polystyrene), injection molding, foam molding, or extrusion-blow molding (extruded foam polystyrene), and clear or solid polystyrene (oriented polystyrene). The recycle code for polystyrene is "6" or "PS," either alone or in combination with other letters. This definition applies to all polystyrene-based food ware and other products, regardless of whether it exhibits a recycle code. Expanded polystyrene (EPS) is generally used to make such items as cups, bowls, plates, trays, clamshell containers, meat trays and egg cartons.

L. ***POLYSTYRENE COOLER.*** Any cooler or ice chest made of polystyrene foam, where such foam is not fully encased in another material by its original manufacturer.

M. ***POLYSTYRENE-BASED DISPOSABLE FOOD WARE.*** Disposable food ware that contains or utilizes polystyrene.

N. ***PREPARED FOOD.*** Any food or beverage ready to consume without any further food preparation, alteration or repackaging, other than heating. Prepared food does not include (1) uncooked or raw meat, fish, poultry, or eggs unless provided for consumption without further food preparation; or (2) prepackaged food that is delivered to the food provider wholly encased, contained or packaged in a container or wrapper, and sold or otherwise provided by the food provider in the same container or packaging.

(Ord. 2018-01 § 2 (part), 2018)

8.37.20 PROHIBITED USE OF POLYSTYRENE-BASED DISPOSABLE FOOD WARE AND COOLERS.

A. Food providers are prohibited from providing prepared food to customers in polystyrene-based disposable food ware.

B. No person shall sell any polystyrene-based food ware or polystyrene cooler at any location within the City.

C. City facility users are prohibited from using polystyrene-based disposable food ware.

D. City departments shall not purchase or acquire polystyrene-based disposable food ware for use at City facilities or City-sponsored events.

(Ord. 2018-01 § 2 (part), 2018)

8.37.30 EXEMPTIONS.

A. This Chapter shall not prohibit the use of polystyrene-based disposable food ware for food prepared or packaged outside of the City, provided such food is not altered, packaged or repackaged within the City limits.

B. This Chapter shall not prohibit coolers and ice chests, other than those defined as polystyrene coolers in this chapter.

C. The City Manager or his/her designee may temporarily suspend the provisions of this Chapter for the immediate preservation of the public health, safety, or welfare in the event of an emergency or disaster as determined in his or her sole discretion.

(Ord. 2018-01 § 2 (part), 2018)

8.37.40 ENFORCEMENT.

A. Any violation of this chapter that occurs after the date set forth in Section 8.37.050 shall be subject to administrative enforcement pursuant to Chapter 1.12.

B. The City Attorney may seek legal, injunctive, or any other relief to enforce the provisions of this Chapter.

(Ord. 2018-01 § 2 (part), 2018)

8.37.050 GRACE PERIOD.

The provisions of this Chapter are voluntary until October 1, 2018. The City will begin enforcement after such date without further notice.

(Ord. 2018-01 § 2 (part), 2018)

ATTACHMENT D
Compliance Letter

CITY OF PINOLE

2131 Pear Street
Pinole, CA 94564

Phone: (510) 724-9833
FAX: (510) 724-9826
www.ci.pinole.ca.us

DATE

Greetings,

In June 2018 the City of Pinole sent the owners of this parcel a notice regarding a new ordinance that requires trash capture device installation in all stormwater inlets. In response to questions from the public, the City has prepared the attached guidance to further assist property owners with compliance.

Please contact Public Works at (510) 724-9842 or at atimbers@ci.pinole.ca.us with any additional questions.

Thank you for your time.

Sincerely,

Amelia Timbers
Senior Project Manager
Public Works

DRAFT

TRASH CAPTURE COMPLIANCE GUIDE

Does your property have storm drains?

Yes

No

ASSESS

Have your property assessed by trash capture device vendor and prepare a bid. You may seek bids from multiple vendors for price comparison.

PLAN

PERMIT

Upon approval vendor must secure a City of Pinole building permit.

VERIFY

Provide proof of trash capture installation and signed maintenance agreement to the City once complete.

COMPLETE

Self-certify that your property contains no storm drains with attached form. Send the form to:

City Engineer, Public Works
Re: Trash Capture Compliance
City of Pinole
2131 Pear Street
Pinole, CA 945

COMPLETE

DRAFT

FREQUENTLY ASKED QUESTIONS

1. **Q**: What is a stormwater inlet and what does it look like?
   A: Stormwater inlets are also called stormdrains. Stormdrains divert runoff and water to prevent flooding. They can look like the infrastructure in the photos below. Please note: curb inlets or stormdrains on a public street likely belong to the City, but curb inlets on private property will require trash capture devices.

2. **Q**: My property has stormdrains. What next?
   A: Please contact a vendor to assess your property and bid on the work.

3. **Q**: A vendor has provided an estimate of the work and a plan for construction. What do I do next?
   A: Please submit the construction and maintenance plan to the City for review.

4. **Q**: How much do trash capture devices cost?
   A: Cost will vary by type of device and number of devices required.

5. **Q**: Do I need a maintenance contract?
   A: The City requires a maintenance contract for parcels with 3 or more devices. Parcels with 2 devices or less please may self maintain; please contact the City for annual reporting requirements.

DRAFT

CITY OF PINOLE

2131 Pear Street
Pinole, CA 94564

Phone: (510) 724-9833
FAX: (510) 724-9826
www.ci.pinole.ca.us

Trash Capture Certification

Name:_____

Property Address: _____

Property Parcel Number: _____

I swear under penalty of perjury that the property noted above is surface draining and has no stormwater inlets on the parcel.

_____ _____

Property Owner Signature Date

DRAFT