



Town of Moraga

TOWN MANAGER

September 30, 2017

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 FY 2016-17 Annual Report for the Town of Moraga, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board.

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

Very truly yours,

Robert Priebe
Town Manager

Enclosure

FY 2016-2017 Annual Report
Permittee Name: Town of Moraga

ATTACHMENT B

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Section 1 – Permittee Information

Background Information					
Permittee Name:	Town of Moraga				
Population:	16,016				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit)				
Order Number:	R2-2015-0049 (San Francisco Bay RWQCB Permit)				
Reporting Time Period (month/year):	July 2016 through June 2017				
Name of the Responsible Authority:	Robert Priebe	Title:	Town Manager		
Mailing Address:	329 Rheem Boulevard				
City:	Moraga	Zip Code:	94556	Moraga	Zip Code:
Telephone Number:	925-888-7020	Fax Number:	925-376-5203		
E-mail Address:	priebe@moraga.ca.us				
Name of the Designated Stormwater Management Program Contact (if different from above):	Edric Kwan	Title:	Public Works Director/Town Engineer		
Department:	Public Works/Engineering				
Mailing Address:	329 Rheem Boulevard				
City:	Moraga	Zip Code:	94556	Moraga	Zip Code:
Telephone Number:	925-888-7025	Fax Number:	925-376-5203		
E-mail Address:	ekwan@moraga.ca.us				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Refer to the C.2 Municipal Operations section of the CCCWP's FY 16-17 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments:

For the Town's Pavement Repair Project, BMPs identified in the project's Water Pollution Control Program included covering inlet grates in the work area, installing inlet protection in nearby grates, sweeping the area after paving operations, vacuuming of slurry and disposal to a concrete washout facility for future offsite disposal. The Town performed weekly inspections to confirm implementation of appropriate BMPs during pavement rehabilitation work by the Town's contractor.

Contractors performing minor repair work are required to regularly sweep paving waste materials and spoils to ensure that gutters and storm drains are protected. The Town's inspector provided oversight to ensure compliance.

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.

NA	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
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

The Town does not perform sidewalk or pavement washing nor contract to have either performed. However, the Town Inspector monitors the performance of such activities on private property throughout the Town and provides education, information support, and/or enforcement as required.

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.
NA	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments:

The Town maintenance staff, which consists of four members, has had training in capture and disposal methods for protection of storm water. The Town did not utilize contractors for bridge maintenance or graffiti removal.

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C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural ¹ roads?:	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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If your answer is **No** then skip to **C.2.f.**

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

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

None	Comments including listing increased maintenance in priority areas:
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¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation				
Place an X in the boxes below that apply to your corporation yard(s):				
<input type="checkbox"/>	We do not have a corporation yard			
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit			
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)			
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:				
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment			
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system			
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method			
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used			
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants			
Comments: The Corporation Yard for the Town is entirely paved with concrete, including drains that route the majority of pavement runoff into a bioretention basin. The building was remodeled IN FY 2015-2016 to house the Council Chambers but with minimal changes to the Corporation Yard portion of the property. The bioretention basin was relocated as part of the remodel. Vehicle washing is performed on site using water only; wash water drains to the bio-retention basin at the facility before discharging the Town storm drain system. No vehicle fluid changes are performed on site.				
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
355 Rheem Boulevard (Corp Yard)	Site design measures – all flows go to bio-retention	09/2016	Proper BMPs being implemented.	N/A

² Minimum inspection frequency is once a year during September.

	area. Inlet marking, employee training, source controls, drip pans, covered solid waste bins, sweeping of the yard, off site fueling, covered storage and spill cleanup			
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Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.b.iv.(1) ► Regulated Projects Approved Prior to C.3 Requirements

(For FY 2016-17 Annual Report only) Does your agency have any Regulated Projects that were approved with no Provision C.3 stormwater treatment requirements under a previous MS4 permit and that did not begin construction by January 1, 2016 (i.e., that are subject to Provision C.3.b.i.(2)?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
See attached Table C.3.b.iv.(1).				

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

Fill in attached table **C.3.b.iv.(2)** or attach your own table including the same information.

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Comments (optional): None				

C.3.e.v ► Special Projects Reporting

1. In FY 2016-17, 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	<input checked="" type="checkbox"/>	No
2. In FY 2016-17, 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	<input checked="" type="checkbox"/>	No
N/A				

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

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.
See attached Table C.3.h.v.(2) for list of newly installed Stormwater Treatment 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 (FY15-16)	7
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 16-17)	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 16-17)	3
Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 16-17)	42.9%³

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 15-16), 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:

Summary: Stormwater treatment systems were found to be in good working order and generally well maintained. Minor issues were correctly in a timely manner.

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:

Summary: No significant changes to the O&M Program are planned. The Town plans to send out annual reminder letters to property owners to facilitate timelier submittal of annual inspection reports (those conducted by property owner).

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

(For FY 2016-17 Annual Report only) Has your agency completed an Enforcement Response Plan for all O&M inspections of stormwater treatment measures by July 1, 2017?

	Yes	X	No
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If No, provide schedule for completion:

The Town completed its C.3 ERP August 8, 2017

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 Town of Moraga'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).(a) ► Green Infrastructure Framework or Work Plan

(For FY 2016-17 Annual Report only) Was your agency's Green Infrastructure Framework or Work Plan approved by the agency's governing body, mayor, city manager, or county manager by June 30, 2017?

X	Yes, approval documentation attached	<input type="checkbox"/>	No
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If Yes, describe approval process and documentation:

A Presentation was made to the council and the framework was approved by resolution.

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:

**A Presentation was made to the council and the framework was approved by resolution.
 Please refer to the CCCWP's FY 16-17 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

<p>Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).</p> <ul style="list-style-type: none">• A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).
<p>Background Information: Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable. Refer to the BASMAA May 6, 2016 document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects". Dan Cloak emailed this to Management Committee representatives via Groupsite on May 12, 2016.</p>
<p>Summary of Planning or Implementation Status of Identified Projects: See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information, and any additional notes provided here (optional).</p>

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

<p>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.</p>
<p>Please refer to the CCCWP's FY 16-17 Annual Report, Section 3 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.</p>

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

<p>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.</p>
<p>Please refer to the CCCWP's FY 16-17 Annual Report, Section 3 for a summary of methods being developed to track and report implementation of green infrastructure measures.</p>

C.3.b.iv.(1) ► List of Regulated Projects Approved Prior to C.3 Requirements			
Project Name Project No.	Project Location⁴, Street Address	Type of Stormwater Treatment Required⁵	Type of Exemption Granted⁶
Sub 7351	Upper Country Club (Bruzzone)	N/A	4/24/90 Date of Entitlement
Sub 8444	Los Encinos	N/A	1/9/02 Date of Entitlement

⁴ Include cross streets

⁵ Indicate the stormwater treatment system required, if applicable

⁶ Indicate the type for exemption, if applicable. For example, the project was previously approved with a vesting tentative map, or the Permittee has no legal authority to require changes to previously granted approvals (such as previously granted building permits).

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 ⁷ , Street Address	Name of Developer	Project Phase No. ⁸	Project Type & Description ⁹	Project Watershed ¹⁰	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹¹	Total Replaced Impervious Surface Area (ft ²) ¹²	Total Pre- Project Impervious Surface Area ¹³ (ft ²)	Total Post- Project Impervious Surface Area ¹⁴ (ft ²)
Private Projects											
MS 601-16	1058 Larch Ave (2 SFRs)	Brad Agler	N/A	Subdivision of one lot into two lots	Upper San Leandro Watershed & Moraga Creek	0.75	0.75	8808	3960	3960	12768
Chase Bank (new 3,500 SF retail bank + parking)	APN 255321024	JP Morgan Chase	N/A	Retail Banking Facility	Upper San Leandro Watershed	0.70	0.70	23130	15019	15019	23130
Sub 9381 (City Ventures) 36-unit townhome project	APN 257180082, 257190057	City Ventures	N/A	Residential with 11 3-story buildings to contain 36 units.	Upper San Leandro Watershed & Moraga Creek	3.06	2.9	83594	0	0	83594
Public Projects											
N/A											
Comments: None											

⁷Include cross streets

⁸If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

⁹Project 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.

¹⁰State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹¹All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹²All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹³For redevelopment projects, state the pre-project impervious surface area.

¹⁴For 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 ¹⁵	Application Final Approval Date ¹⁶	Source Control Measures ¹⁷	Site Design Measures ¹⁸	Treatment Systems Approved ¹⁹	Type of Operation & Maintenance Responsibility Mechanism ²⁰	Hydraulic Sizing Criteria ²¹	Alternative Compliance Measures ^{22/23}	Alternative Certification ²⁴	HM Controls ^{25/26}
Private Projects										
MS 601-16	7/18/2016	5/23/2016	See SWCP	LID	Bioretention	O&M Plan Required	N/A	N/A	N/A	N/A
Chase Bank (new 3,500 SF retail bank + parking)	3/22/17	11/14/2016	See SWCP	LID	Bioretention	O&M Plan Required	N/A	N/A	N/A	N/A
Sub 9381 (City Ventures) 36-unit townhome project	8/24/16	9/17/14	See SWCP	LID	Bioretention	O&M Plan Required	Option 2	N/A	N/A	Bioretention w/flow control

¹⁵For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁶For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁷List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁸List 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.

¹⁹List 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.).

²⁰List 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.

²¹See 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).

²²For 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.

²³For 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.

²⁴Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁵If HM control is not required, state why not.

²⁶If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date ²⁷	Date Construction Scheduled to Begin	Source Control Measures ²⁸	Site Design Measures ²⁹	Treatment Systems Approved ³⁰	Operation & Maintenance Responsibility Mechanism ³¹	Hydraulic Sizing Criteria ³²	Alternative Compliance Measures ^{33/34}	Alternative Certification ³⁵	HM Controls ^{36/37}
Public Projects										
None										
Comments: None										

²⁷For public projects, enter the plans and specifications approval date.

²⁸List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²⁹List 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.

³⁰List 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.).

³¹List 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.

³²See 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).

³³For 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.

³⁴For 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.

³⁵Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁶If HM control is not required, state why not.

³⁷If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed³⁸ 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 ³⁹ For Maintenance	Type of Treatment/HM Control(s)
MS 601-14	1049 Camino Pablo, Moraga, CA (258-250-087)	Private property owner	Bioretention basin
Subdivision 9317 Via Moraga	489 Moraga Road, Moraga, CA (APN 256-070-002)	HOA	Bioretention basins

³⁸ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.

³⁹State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v. Special Projects Reporting Table												
Reporting Period – July 1, 2016 - June 30, 2017												
Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁰	Status ⁴¹	Description ⁴²	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴³	LID Treatment Reduction Credit Available ⁴⁴	List of LID Stormwater Treatment Systems ⁴⁵	List of Non-LID Stormwater Treatment Systems ⁴⁶
None												

⁴⁰Date that a planning application for the Special Project was submitted.

⁴¹ 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.

⁴²Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴³ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴⁴For 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.

⁴⁵: 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.

⁴⁶List 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

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

Project Name and Location ⁴⁷	Project Description	Status ⁴⁸	GI Included? ⁴⁹	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁵⁰
Moraga Center Pedestrian & Bicycle Improvements	Study for proposed sidewalks and pedestrian path facilities to close critical gaps, install bike facilities and streetscape improvements along streets in Moraga	Planning phase	No	Planning Document
Bollinger Canyon Road Hillside Stabilization	Stabilize hillside on Bollinger Canyon Road.	Ongoing repair work	No	Repair, replacement or maintenance only.
Rheem Boulevard Landslide Repair & Repaving	Repair the landslide below Rheem Boulevard between St. Mary's Road and Moraga Road, and repave as required.	Ongoing / Under Construction	Yes	Offsite Bio swale facility will be constructed adjacent to project area.
PG&E Undergrounding	Underground overhead utilities along portions of Moraga Road.	Ongoing	No	Non-stormwater utility project
Trash Load Reduction Program	Reduce trash load from the Town's Municipal Separate Storm Sewer Systems (MS4s) by installing Full Trash Capture Devices in existing storm drain system	Ongoing upgrade work	No	Repair, replacement/upgrade or maintenance only.
Commons Park Master Plan Update	Complete a comprehensive site specific Commons Park Master Plan, which was a part of the 2007 Parks & Recreation Master Plan (Town-wide).	Planning phase	No	Planning Document

⁴⁷ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁸ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁹ 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.

⁵⁰ 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.

Commons Park Sand Volleyball Court Renovation	Reduce annual maintenance and eliminate ponding of the sand volleyball area.	Repair work completed	No	Repair, replacement or maintenance only.
Minor Improvements to Government Facilities Program	Minor improvements on government facilities to accommodate growing population from new development.	For unplanned repairs/purchases as needed	No	Repair, replacement or maintenance only.
Moraga Library HVAC System Replacement	Replace Library HVAC system, which is at the end of its life cycle and showing signs of disrepair.	Under Construction	No	Interior work only
Municipal Monument Gateway Signage Program	Study to replace four existing gateway signs along arterial roads new the Town limits.	Planning phase	No	Planning Document
Sinkhole Repair on Rheem Boulevard at Center Street	Repair the damaged 96-inch and 27-inch storm drain pipes and associated improvements to the intersection.	Ongoing repair work	No	Repair, replacement or maintenance only.
Commercial Centers Street lighting	Determine, prioritize, and estimate capital improvement safety and street lighting needs at the two commercial centers in Town.	Planning phase	No	Non-stormwater utility project
Rheem Boulevard Landslide Repair & Repaving	Repair the landslide below Rheem Boulevard between St. Mary's Road and Moraga Road, and repave as required.	Ongoing / Under Construction	Offsite Bio swale facility will be constructed adjacent to project area.	Rheem Boulevard Landslide Repair & Repaving
St Mary's Rd/Rheem/Bollinger Canyon Roundabouts	Construct new roundabout at intersection of Rheem Boulevard and St. Mary's Road and relocate trail to create safer pedestrian and bicycle crossing.	Design	Bio retention facility will be located at center and/or	St Mary's Rd/Rheem/Bollinger Canyon Roundabouts

			periphery of new roadway features to street runoff for new impervious area.	
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C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects

Project Name and Location ⁵¹	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
N/A			

⁵¹ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Town plans to maintain the same inspection frequencies and priorities as prior years as performed by CCCSD who performs the Town's C.4 inspections.

Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 16-17 Annual Report for a description of activities of the countywide program.

C.4.b.iii ► Potential Facilities List

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.

Please see attachment 4-1

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.

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	Percent
Total number of inspections conducted (C.4.d.iii.(2)(a))	20	
Number of enforcement actions or discrete number of potential and actual discharges	0	
Violations Enforcement actions or discrete 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))	0	100%

Comments:

None

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) ⁵²	Number of Enforcement Actions Taken
Level 1	Warning Notice	0
Level 2	Written Notice of Violation	0
Level 3	Administrative Citation	0
Level 4	Legal Action/Referral to State	0
Total		0

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

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

Business Category⁵³	Number of Actual Discharges	Number of Potential Discharges
Assisted Living	0	0
Dry Cleaner	0	0
Fire Station	0	0
Fleet Operations	0	0
Food Service	0	0
Gas Station	0	0
Nursery	0	0
Permitted IU	0	0
Residential	0	0
Retail	0	0
Vehicle Service	0	0

⁵²Agencies to list specific enforcement actions as defined in their ERPs.

⁵³List your Program's standard business categories.

C.4.d.iii.(2)(e) ▶ Non-Fileers

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

There were no industries identified as non-fileers during scheduled inspections during this fiscal year.

C.4.e.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
Commercial/ Industrial Stormwater Inspection Training Workshop	May 10, 2017	The A to Z of Illicit Discharge Maintenance Crew Response to Illicit Discharges with Field Demonstrations Responding to Private Sewer Later Overflows: One City's Perspective Who Ya' Going to Call: Panel Session with Illicit Discharge Scenarios	6	100%	6	100%
CWEA – P3S Conference	2/27-3/1/17	• Stormwater management and public outreach Stormwater BMPs	4	44%		
Comments:						

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

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report for description of activities at the countywide or regional level.

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

Summary of any changes made during FY 16-17:

1. **Town of Moraga Police Department – 925-284-5010**
2. **Contra Costa Clean Water Program – 1-800-NO-DUMPING**

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	Percentage
Discharges reported (C.5.d.iii.(1))	1	
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	1	100%
Discharges resolved in a timely manner (C.5.d.iii.(3))	1	100%

Comments:

Depending on the nature and time of the discharge report, the Town's Public Works staff will follow up or the Town will request that CCCSD inspectors perform a call-out inspection under the Town's Commercial and Business Inspection contract. Discharge reports that are unsubstantiated in the field and discharges that are prevented from reaching storm drains/receiving waters are included in the above tabulation as "Discharges reported".

C.5.e.iii.(1) ► Control of Mobile Sources	
(a) Provide your agency's minimum standards and BMPs for various types of mobile businesses (C.5.e.iii.(1)(a))	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report	
(b) Provide your agency's enforcement strategy for mobile businesses (C.5.e.iii.(1)(b))	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report	
(c) Provide a list and summary of the specific outreach events and education conducted by your agency to the different types of mobile businesses operating within your jurisdiction (C.5.e.iii.(1)(c))	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report	
(d) Provide number of inspections conducted at mobile businesses and/or job sites in 2016-2017 (C.5.e.iii.(1)(d)):	0
(e) Discuss enforcement actions taken against mobile businesses in 2016-2017 (C.5.e.iii.(1)(e)) While there are no recorded inspections within the Town, the Town is working closely with CCCWP and the contract inspection services of CCCSD to provide inspections going forward.	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report	
(f) Provide a list and summary of the county-wide or regional activities conducted, including sharing of mobile business inventories, BMP requirements, enforcement action information, and education (C.5.e.iii.(1)(g))	
Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 16-17 Annual Report for description of activities at the countywide or regional level. The CCCWP will be addressing all of the above requirements except for (d) and (e). Permittees will need to report on inspections of mobile businesses (d) and enforcement actions (e).	

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	3	32
Comments: The Town of Moraga contract inspector conducted all of the inspections. There was one site that was issued a Stop Work Order for not having the necessary BMPs prior to the rainy season.			

C.6.e.iii.3.e ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued
Level 1 ⁵⁵	Warning Notice	1
Level 2	Written Notice of Violation	1
Level 3	Administrative Citation	0
Level 4	Legal Action/Referral to State	0
Total		100%

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)	1

C.6.e.iii.3.g ▶ Corrective Actions

Indicate your reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.
	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	1
Total number of enforcement actions or discrete potential and actual discharges for the reporting year	1

⁵⁴Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵For example, Enforcement Level 1 may be Verbal Warning.

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

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

Description: **The Town continues to improve tracking of inspections. During this FY there was only one site not in compliance with the SWPPP. While the trends from year to year still vary, FY 16-17 does show an improvement in compliance. Refer to the C.6 Construction Site Control section of the CCCWP's FY 15-16 Annual Report for a description of activities conducted at the countywide and regional level.**

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 Town's contract inspector provides monthly reports for each project and works closely with Town staff on all inspection enforcement actions. Refer to the C.6 Construction Site Control section of CCCWP's FY 16-17 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
Training held last Fiscal Year			

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

C.7.b.i.1 ► Outreach Campaign

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

Summary: **The Town Engineer serves on the CCCWP's Public Information Participation Committee. Refer to Section 7 in the CCCWP's FY 16/17 Annual Report for summary of activities related to planning and development of an Outreach Campaign.**

C.7.c. Stormwater Pollution Prevention Education

Local stormwater phone number(s)	925-313-2392
Local/Regional stormwater website(s)	Local: http://www.moraga.ca.us/dept/publicworks/water Regional: http://www.cccleanwater.org/contact/
<p>Outreach: Local efforts to publicize the stormwater point of contact include About Town articles (the Town-published newsletter) and outreach materials provided at the Community Faire and Pear/Wine festival. In addition, the Town publishes stormwater outreach articles the Town Crier approximately 3 times annually (see Attachment C.7.c). See the CCCWP's Annual Report, Section C.7 "Public Information and Outreach" for details on how the CCCWP maintains and publicizes the stormwater point of contact and provides stormwater pollution prevention education.</p>	

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
Our Water Our World	See the Fiscal Year 16/17 Group Program Annual Report, Section C.7 for further information.	See the Fiscal Year 16/17 Group Program Annual Report, Section C.7 for further information.
Community Faire at Rheem Center, Moraga May 13, 2017	This is an informational, “get-acquainted” type of event to introduce goods and services to the residents. Held at one of the two shopping centers, the attendance has held steady. Clean Water materials were distributed and questions answered. Mr. Funnelhead attended the event, increasing outreach to children.	About 180 residents visited the booth, similar to last year, in part due to the use of the diorama. Clean water information items were distributed. Nearly 80 attendees filled out a clean water survey to receive giveaways (see Attachment C.7.d). As shown by the survey results, the residents are very well educated about stormwater.
Wine and Pear Festival at Commons Park in Moraga, September 24, 2016	Public festival with informational booths, food and entertainment. Provided trash removal, Clean Water program materials, and answered questions from residents. Mr. Funnelhead attended the event also.	This annual event is well attended by residents and visits to the stormwater information booth reflect a moderate level of interest. Approximately 325 attendees visited the stormwater booth. A total of 34 attendees completed a clean water survey to receive giveaways (see Attachment C.7.d). The survey results depict a high education level with respect to stormwater. Same outreach material provided as at Community Faire.
Community Watershed Stewardship Grant Program	See the FY 16/17 Group Program Annual Report, Section C.7 for event description.	See the FY 16/17 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.
CCCcleanWater.org Community Calendar	See the FY 16/17 Group Program Annual Report, Section C.7 for event description.	See the FY 16/17 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.
MyGreenGarden.org	See the FY 16/17 Group Program Annual	See the FY 16/17 Group Program Annual Report,

	Report, Section C.7 for event description.	Section C.7, for further details regarding the effectiveness of this event.
Bringing Back the Natives Garden Tour, May 2017	Tour to encourage landscaping using native plants, minimizing pesticides and fertilizer use, water conservation, mulching and composting, etc. for East Bay residents. One garden in Moraga was featured on this year's tour.	See the FY 16/17 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.
Fish Risk Reduction Program for Mercury and PCBs	Public Outreach in the form of notices and warning posters posted at harbor/marina kiosks and fishing piers. Additionally, brochures and posters have been distributed to fishing supply stores. Information is available on the CCCWP website.	See the FY 16/17 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.

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 2016-2017 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 2017 Community Watershed Stewardship Grant Program, sponsorship of the 2016 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. Each of these activities/programs is described in full, including an evaluation of effectiveness, in the CCCWP Annual Report.

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	Mr. Funnelhead entertains while he teaches about the importance of storm drain pollution and the recycling of used motor oil and filters. Along the way, Mr. Funnelhead encounters different characters improperly disposing used motor oil. The shows include a state of the art sound system, lights, special effects and quality actors as well as a diorama. Mr. Funnelhead attended both the Community Faire and the Wine and Pear Festival.	See the C.7 Section of the CCCWP's FY 16-17 Annual Report for further information.	See the C.7 Section of the CCCWP's FY 16-17 Annual Report for further information.

<p>“Be Classy Not Trashy” Youth Outreach Litter Campaign</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>
<p>2017 Community Watershed Stewardship Grant Program</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>	<p>See the C.7 Section of the CCCWP’s FY 16-17 Annual Report for further information.</p>

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance							
Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?				<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If no, explain:							
Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.							
Trends in Quantities and Types of Pesticide Active Ingredients Used⁵⁶							
Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁷						
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	
Organophosphates	0	0					
Pyrethroids (see footnote #57 for list of active ingredients)	0	0					
Carbamates	0	0					
Fipronil	0	0					
Indoxacarb	Reporting not required in FY 15-16	0					
Diuron	Reporting not required in FY 15-16	0					
Diamides	Reporting not required in FY 15-16	0					
IPM Tactics and Strategies Used: The Town of Moraga uses the following IPM tactics and strategies: <ul style="list-style-type: none"> • Use of organic fertilizers' in Town parks, 							

⁵⁶Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁷Weight 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.

- Installation of owl boxes and traps to manage gopher populations versus using poison bait,
- Installation of Bat boxes at creeks to help control mosquitos.

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.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	4
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%
Type of Training: Town maintenance staff attended a full-day training entitled "Landscape Pest Control Seminar" hosted by the Sonoma County Regional Parks Department on November 15, 2016. Topics included: Laws and Regulations Updates; Rodents and Other Vertebrate Pests, Weed Control for Vineyards and Management of Glyphosate Resistant Weeds; Venomous and Non-Venomous Snakes and Spiders; Sudden Oak Death and Tree Health; Weed Management Strategies for Landscape; and Statewide NPDES Permit Requirements Applicable to Pesticide Applications for Aquatic Weed Control.	

C.9.c ▶ Require Contractors to Implement IPM				
Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No,
<p>If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored</p> <p>Town staff performs all tasks related to IPM in-house because the Town staff is trained in proper pesticide application methods. Through a partnership with the Town of Moraga and the Contra Costa County Agriculture Department, County Agricultural staff treated the star thistle on Mulholland Ridge this year. Spraying the thistle was done in a localized fashion by treating each thistle plant individually at its root with Roundup (glyphosate). This type of localized treatment is recommended by local agencies such as EBMUD, EBRPD, respected environmental experts and follows the Town's Integrated Pest Management Policy.</p>				

C.9.d ▶ Interface with County Agricultural Commissioners				
Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides,	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
<p>If yes, summarize the communication. If no, explain.</p> <p>Through the CCCWP, the County Ag. Commissioner attended a session of the MOC committee to connect with Program staff and Program participants.</p>				
Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
N/A				

C.9.e.ii (1) ▶ Public Outreach: Point of Purchase
Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.
Summary:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 16-17 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 FY 16-17 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 FY 16-17 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 16-17, we participated in regulatory processes related to pesticides through contributions to the CCCWP, 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, including whether the 70% mandatory trash load reduction deadline was attained. If not attained, attach and include reference to a Plan to comply with the deadline in a timely manner, which should include the Permittee's plan and schedule to install full capture systems/devices.	
Trash Load Reductions	
Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported C.10.b.i)	76
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁵⁸	0
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv) ¹	0
Subtotal for Above Actions	76
Trash Offsets (Optional)	
Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0
Total (Jurisdictional-wide) % Trash Load Reduction in FY 16-17	76
<p>Discussion of Trash Load Reduction Calculation and Attainment of the 70% Mandatory Deadline: The Town of Moraga updated its Stormwater ordinance in fall of 2016 to require all commercial privately owned and maintained properties to comply with the requirements of the MRP. This action and implementation to the ordinance has successfully put the Town above the mandatory 70% requirement. As stated in previous Annual reports, the Town of Moraga has installed devices in all but two location within its jurisdiction. Compliance with the MRP relies heavily on the installation of structural controls on private property.</p>	

⁵⁸ See Appendix XX for changes between 2009 and FY 16-17 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems		
Provide the following:		
1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 16-17, during FY 16-17, 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 16-17		
Baskets	31	31
Installed in FY 16-17		
Baskets	Being Calculated	55
Total for all Systems Installed To-date		86
Treatment Acreage Required by Permit (Population-based Permittees)		32
Total # of Systems Required by Permit (Non-population-based Permittees)		N/A

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

Provide the following:

- 1) Jurisdiction-wide trash reduction in FY 16-17 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 16-17 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 16-17	Summary of Maintenance Issues and Corrective Actions
1	33.8	31	0	14 units had the media cartridge replaced per the manufacturers O&M specifications.
2	34.9			
3	7.0			
4	0.0			
5	0.2			
Total	75.9			

Certification Statement: : The Town of Moraga certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.

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

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
N/A	

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 16-17 attributable to trash management actions other than full capture systems implemented in each TMA.

TMA ID or (as applicable) Control Measure Area	Total Street Miles ⁵⁹ or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Applicable Street Miles or Acres Assessed	Ave. # of Assessments Conducted at Each Site	
1	0.0	0.0	0.0	0	0.0
2	0.0	0.0	0.0	0	0.0
3	0.0	0.0	0.0	0	0.0
4	0.0	0.0	0.0	0	0.0
5	0.0	0.0	0.0	0	0.0
Total		0.0	0.0	0	0.0

⁵⁹ 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
N/A	N/A	N/A	N/A	0%

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 16-17 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 16-17.

Trash Hot Spot	New Site in FY 16-17 (Y/N)	FY 16-17 Cleanup Date(s)	Volume of Trash Removed (cubic yards)				
			FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17
Moraga Creek (across from Campolindo High School, Moraga Road; Latitude 37.868092, Longitude -122.124997)	N	6/25/2017	~0.20 cubic yards	~0.04 cubic yards	~0.03 Cubic Yards	~0.04 Cubic Yards	~0.08 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 Town revised baseline trash generation rates during 2015-2016 to better depict accurate baseline trash generation. The Town performed assessments and used staff knowledge to update the maps.	1
The Town moved St. Mary's College from Non-jurisdictional to jurisdictional. After assessments were performed, St. Mary's has been placed in TMA 5 with a low generation rate.	5
Public schools (K-12, community colleges, and public universities) have been reclassified as a non-jurisdictional land use.	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 16-17. 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 16-17	Offset (% Jurisdiction-wide Reduction)
Additional Creek and Shoreline Cleanups (Max 10% Offset)	N/A - All of the Creeks except for the small section where the annual Hot Spot Cleanup is performed are privately owned. The Town does not have creek or shoreline opportunities to take advantage of.	N/A	0%
Direct Trash Discharge Controls (Max 15% Offset)	N/A	N/A	N/A

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 16-17.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 16-17 After Accounting for Full Capture Systems <u>and</u> Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture <u>AND</u> Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	0	34	0	0	34	34	0	0	0	34	33.8	34	0	0	0	34	0.0	33.8
2	0	49	0	0	49	35	14	0	0	49	34.9	35	14	0	0	49	0.0	34.9
3	0	16	0	0	16	7	9	0	0	16	7.0	7	9	0	0	16	0.0	7.0
4	3	0	0	0	3	3	0	0	0	3	0.0	3	0	0	0	3	0.0	0.0
5	5855	0	0	0	5855	5855	0	0	0	5855	0.2	5855	0	0	0	5855	0.0	0.2
Totals	5858	99	0	0	5957	5933	24	0	0	5957	75.9	5933	24	0	0	5957	0.0	75.9

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 CCCWP's FY 2016-17 Annual Report for:

- 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 Methodology⁶⁰ 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); and
- Supporting data and information necessary to substantiate the load reduction estimates.

C.11.c ▶ Plan and Implement Green Infrastructure to Reduce Mercury Loads

If the regional or countywide mercury load reductions required by this sub-provision via Green Infrastructure by the end of the permit term are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?

X	Yes		No
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C.11.e ▶ Implement a Risk Reduction Program

A summary of the CCCWP and regional accomplishments for this sub-provision are included in the C.11 Mercury Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

⁶⁰BASMAA 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 CCCWP's FY 2016-17 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 Methodology⁶¹ 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); and
- Supporting data and information necessary to substantiate the load reduction estimates."

If the regional and countywide PCBs load reductions required by C.12.a are not met, will Permittees in your county use the default population-based method to calculate the portion of the countywide load reduction required of each Permittee?

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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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 CCCWP and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

Does your agency plan to seek exemption from this requirement?

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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⁶¹BASMAA 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.g. ► Fate and Transport Study of PCBs: Urban Runoff Impact on San Francisco Bay Margins

A summary of CCCWP and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

C.12.h ► Implement a Risk Reduction Program

A summary of CCCWP and regional accomplishments for this sub-provision are included in the C.12 PCBs Controls section of the CCCWP's FY 2016-17 Annual Report and/or a BASMAA regional report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii ► 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 Town's Design Guidelines preclude use of copper for any component of the roofing system (roofing material, gutters, downspouts, splash pads, screens, etc.). Use of copper materials would need to go before the Design Review Board, which has never occurred.

C.13.b.iii ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

The Town utilizes the CCCWP pamphlet addressing appropriate BMPs for draining pools, spas and fountains (http://www.cccleanwater.org/_pdfs/Pool_Spa_Brochure.pdf). This tri-fold informs residents/contractors of maintenance items that reduce the need to drain pools and spas, instructs in the proper procedures for pool draining (discharge to sanitary sewer), and provides tips for locating the sanitary sewer clean-out. In addition, CCCSD also has a no-fee permit for discharging water from pools and spas and provides BMP information on its webpage (<http://www.centalsan.org/index.cfm?navId=203>). The Town's website has links to the CCCWP website where this pamphlet can be found.

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

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

Summary:

No facilities were inspected in FY 16-17 under the Provision C.4 industrial and commercial business inspection program that are potential users or sources of copper. No such facilities are known to exist in the Town of Moraga.

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 Town supports the use of less toxic pest control measures and models its own IPM policy for other agencies. The Town supports use of native and drought tolerant vegetation through the Bringing Back the Natives effort and in all new development approval processes described in Section C.3.a above. The Town also responds to all complaints of illicit discharges. In addition, through the CCCWP, the Town of Moraga 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.**
- **Bay Friendly Landscaping and Gardening Training and Certification Program, which promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.**

Attachment C.3.j.i.(5).(a) GI Framework Resolution

BEFORE THE TOWN COUNCIL OF THE TOWN OF MORAGA

In the Matter of:

Approving the Green Infrastructure)
Framework Which Will Serve as a Guide)
in the Preparation of the Green)
Infrastructure Plan)

Resolution No. 47 - 2017

WHEREAS, the Town of Moraga must comply with the re-issued Municipal Regional Permit that became effective January 1, 2016; and

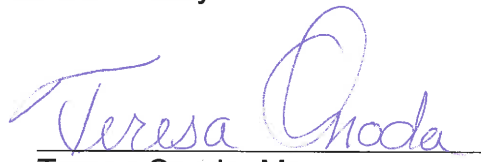
WHEREAS, the Permit has Provision C.3.j which requires the Town to implement Green Infrastructure into the storm drain infrastructure through a Green Infrastructure plan to be implemented by June 30, 2019; and

WHEREAS, as part of the process, the Town is to approve a Green Infrastructure Framework that will serve as the guide in the preparation of the Green Infrastructure Plan.

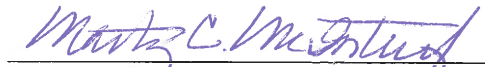
NOW, THEREFORE, BE IT RESOLVED that the Town Council of the Town of Moraga hereby approves the Green Infrastructure Framework which will serve as the guide in the preparation of the Green Infrastructure Plan.

PASSED AND ADOPTED by the Town Council of the Town of Moraga at a regular meeting held on May 24, 2017 by the following vote:

AYES: Mayor Onoda, Councilmembers Korpus and Trotter
NOES: None
ABSTAIN: None
ABSENT: Vice Mayor Wykle and Councilmember Fritzky


Teresa Onoda, Mayor

Attest:


Marty C. McInturf, Town Clerk

Attachment C.4.b.iii List of Potential Site

Name	Address	City	Program Category
Orinda Convalescent Hospital	11 Altarinda Road	Orinda	Assisted Living
Orinda Senior Village	20 Irwin Way	Orinda	Assisted Living
Cine Cuvee Wine Lounge	2 Theater Square 103A	Orinda	Bar Only
Clean Cleaners of Orinda, Inc	17 Orinda Way A	Orinda	Dry Cleaner
Fashion Cleaners	140 Village Square	Orinda	Dry Cleaner
Orinda Cleaners	37 Moraga Way	Orinda	Dry Cleaner
Art and Garden Center at Wilder	101 Wilder Road	Orinda	Education
Moraga Orinda Fire Station Station 43	20 Via Las Cruces	Orinda	Fire Station
Orinda Maintenance Facility	10 Orinda Fields Lane	Orinda	Fleet Operations
US Post Office	29 Orinda Way	Orinda	Fleet Operations
Baan Thai	99 Orinda Way	Orinda	Food Service
Cafe Teatro	24 Orinda Way	Orinda	Food Service
Casa Orinda	20 Bryant Way	Orinda	Food Service
Chillers	21 Orinda Way G	Orinda	Food Service
Europa Hofbrau	64 Moraga Way	Orinda	Food Service
Geppetto's	87 Orinda Way	Orinda	Food Service
Hanazen	87 Orinda Way	Orinda	Food Service
La Cocina	23 Orinda Way H	Orinda	Food Service
La Piazza	15 Moraga Way	Orinda	Food Service
Lava Pit	2 Theater Square 142	Orinda	Food Service
Loard's Ice Cream	230 Brookwood Road	Orinda	Food Service
Maya Mexican	74 Moraga Way	Orinda	Food Service
Nation's Foods, Inc.	76 Moraga Way	Orinda	Food Service
Niwa Restaurant	1 Camino Sobrante 6	Orinda	Food Service
Peet's Coffee And Tea	63 Moraga Way	Orinda	Food Service
Petra Café	2 Theater Square 105	Orinda	Food Service
Piccolo Napoli	2 Theater Square 144	Orinda	Food Service
Republic Of Cake	2 Theater Square 151	Orinda	Food Service
Serika Restaurant	2 Theater Square 118	Orinda	Food Service
Shelby's	2 Theater Square 152	Orinda	Food Service
Siam Orchid Thai Restaurant	23 Orinda Way	Orinda	Food Service
Starbuck's	2 Theater Square 106	Orinda	Food Service
Starbucks Coffee	1 Camino Sobrante 9	Orinda	Food Service
Subway	2 Theater Square 108	Orinda	Food Service
Sushi Island	19 Moraga Way	Orinda	Food Service
Szechwan Restaurant	79 Orinda Way	Orinda	Food Service
The Fourth Bore Tap Room & Grill	2 Theater Square 134	Orinda	Food Service
The Refined Palate	26 Orinda Way F	Orinda	Food Service

Turquoise Mediterranean Grill	70 Moraga Way	Orinda	Food Service
Village Inn Cafe	204 Village Square	Orinda	Food Service
Village Pizza Restaurant	19 Orinda Way AB	Orinda	Food Service
Wild Magnolia	2 Theater Square 153	Orinda	Food Service
Yan's Restaurant	1 Orinda Way 1	Orinda	Food Service
Zamboni's Pizza	1 Camino Sobrante 4	Orinda	Food Service
Chevron Station #97407	11 Orinda Way	Orinda	Gas Station
Flying A of Orinda	22 Bryant Way	Orinda	Gas Station
Orinda Shell Gas Station	9 Orinda Way	Orinda	Gas Station
Orinda Unocal 76	67 Moraga Way	Orinda	Gas Station
Orinda Country Club	315 Camino Sobrante	Orinda	Golf Course
Beverages & More	6 Camino Pablo Road	Orinda	Grocery Store
Safeway	2 Camino Sobrante	Orinda	Grocery Store
Sutter East Bay Medical Foundation	12 Camino Encinas	Orinda	Healthcare
Mcdonnell Nursery	196 Moraga Way	Orinda	Nursery
Les Lunes Wine	13 Cascade Lane	Orinda	Permitted IU
Meadow Swim And Tennis Club	20 Heather Lane	Orinda	Pool
Oak Springs Pool	39 Spring Road	Orinda	Pool
Orinda Park Pool	72 El Toyonal	Orinda	Pool
Sleepy Hollow Swim & Tennis Club	1 Sunnyside Lane	Orinda	Pool
Dunhill Partners at Theater Square	2 Theater Square 248	Orinda	Property Mngt
CVS Pharmacy	50 Moraga Way	Orinda	Retail
Rite Aid	27 Orinda Way	Orinda	Retail
EBMUD Orinda WTP	190 Camino Pablo	Orinda	Utility
Berry Bros Orinda Towing	81 Moraga Way C	Orinda	Vehicle Service
Orinda Motors	63 Orinda Way	Orinda	Vehicle Service
Orinda Shell Auto Care	9 Orinda Way	Orinda	Vehicle Service
Orinda Tire & Wheel	67 Moraga Way	Orinda	Vehicle Service

Name	Address	City
Aegis Living	950 Country Club Drive	Moraga
Moraga Post-Acute	348 Rheem Blvd	Moraga
Moraga Royale Retirement Home	1600 Canyon Road	Moraga
Moraga Wine & Spirits	1437 Moraga Way	Moraga
Rheem Theater	350 Park Street	Moraga
Lamorinda Cleaners	629 Moraga Road	Moraga
Moraga Cleaners And Laundry	1425 Moraga Way	Moraga
Moraga Cleaners X-press	1480 Moraga Road F	Moraga
One Hour Martinizing	492 Center Street	Moraga
Rheem Valley Cleaners	568 Center Street	Moraga
Rodgers Cleaners	339 Rheem Blvd	Moraga
Moraga-Orinda Fire District	1280 Moraga Way	Moraga
Moraga-orinda Fire District Station 42	555 Moraga Road	Moraga
Moraga Corporate Yard	335 Rheem Blvd	Moraga
7-Eleven	633 Moraga Road	Moraga
Asia Palace	1460 Moraga Road B	Moraga
Bianca's Delicatessen	1480 Moraga Road A	Moraga
Chef Chao	343 Rheem Blvd	Moraga
China Moon	380 Park Street	Moraga
Golden Palace	581 Moraga Road	Moraga
Graze	376 Park Street	Moraga
Homemade Kitchen Café And Bakery	337 Rheem Blvd	Moraga
Jack In The Box	1440 Moraga Way	Moraga
Lamorinda Pizza	382 Park Street	Moraga
Little Hearty Noodle	578 Center Street	Moraga
Loard's Ice Cream	1480 Moraga Road H	Moraga
Michaels's Ristorante	1375 Moraga Way A	Moraga
Moraga Band Shell Snack Bar	1425 St Marys Road	Moraga
Mountain Mike's Pizza	504 Center Street	Moraga
Mucho Wraps	1375 Moraga Way	Moraga
Nation's Hamburgers	400 Park Street	Moraga
New Dehli Bistro	484 Center Ave	Moraga
Pennini's	1375 Moraga Way D	Moraga
Ranch House Cafe	1012 School Street	Moraga
Ristorante Amoroma	360 Park Street	Moraga
Round Table Pizza	361 Rheem Blvd	Moraga
Royal Siam	512 Center Street	Moraga

Si Si Caffè	910 Country Club Drive	Moraga
Sodexo (working Inside St. Mary's College Cafeteria)	1928 St Marys Road	Moraga
Starbuck's	500 Moraga Road	Moraga
Subway Sandwiches	396 Park Street	Moraga
Sushi Fighter	356 Park Street	Moraga
Taco Bell	410 Moraga Road	Moraga
Tangelo	384 Park Street	Moraga
Arco Gas Station And Car Wash	425 Moraga Road	Moraga
Lamorinda Auto Care	1455 Moraga Way	Moraga
Moraga Auto Care, Inc.	1135 Moraga Way	Moraga
Moraga Service Center	1500 Canyon Road A	Moraga
Moraga Valero	1410 Moraga Road	Moraga
Stars Gas Station	398 Rheem Blvd	Moraga
Moraga Country Club	1600 St Andrews Drive	Moraga
Moraga Produce	576 Center Street	Moraga
Safeway Store	1355 Moraga Way	Moraga
Bullfrog Creek Vineyard	35 Hansen Court	Moraga
Vincenza Ranch	35 Hanson Court	Moraga
Moraga Garden Center	1400 Moraga Road	Moraga
Acalanes Union High School District	310 Moraga Road	Moraga
Captain Vineyards	1969 Joseph Drive	Moraga
Parkmon Vineyards	55 Laird Drive	Moraga
St. Mary's College	1928 St Marys Road	Moraga
Moraga Ranch Swim Club	8 El Camino Flores	Moraga
CVS Pharmacy	1480 Moraga Road D	Moraga
CVS Pharmacy	580 Center Street	Moraga
Orchard Supply Hardware	1550 Canyon Road	Moraga
Saint Mary's College Rheem Campus	380 Rheem Blvd	Moraga
Autohaus Stuttgart	383 Rheem Blvd	Moraga
Moraga Auto Care & Service	1135 Moraga Way	Moraga
Moraga Motors	530 Moraga Road	Moraga
Nick's Auto Service	1410 Moraga Road	Moraga
Rheem Valley Auto Care	398 Rheem Blvd	Moraga
Rheem Valley Auto Center	455 Center Street	Moraga