CITY OF HALF MOON BAY
City Hall, 501 Main Street Half Moon Bay CA 94019

August 30, 2010

Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94621
Attn: Sue Ma

RE: Municipal Regional Stormwater Permit Annual Report Certification

Dear Ms. Ma,

The attached report represents City of Half Moon Bay's responses to the items requested for delivery in the Municipal regional Permit.

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 gather and evaluate the information submitted. Based on my inquiry of the person or 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 fine and imprisonment for knowing violations.

This certification also applies to the trash hot spot selection and the City's decision to participate in the regional monitoring collaborative to implement the MRP's Provision C.8.

Please call me at (650)726-8265 if you have any questions.

Sincerely,

MoSharma
Mo Sharma
City Engineer

CITY OF HALF MOON BAY
City Hall, 501 Main Street Half Moon Bay CA 94019

August 30, 2010

Mr. Bruce Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street Suite 1400
Oakland, CA 94612

Subject: Notification of Duly Authorized Representative for City of Half Moon Bay

Dear Mr. Wolfe:

This is to document the person or position and alternate(s) that I am authorizing to represent the city for signing and certifying municipal regional stormwater NPDES-permit required reports for submittal to the San Francisco Bay Regional Water Quality Control Board (Regional Water Board) and signing and certifying responses to other information requests from the Regional Water Board.

The following person or position (any person who occupies this named position) is duly authorized by me to sign and certify stormwater required reports for submittal to the Regional Water Board or authorize the City/County Association of Governments (C/CAG) of San Mateo County to sign and certify countywide/regional reports and studies prepared on behalf of the city.

City Engineer as the duly authorized representative

NPDES Coordinator as a duly authorized alternate

As describe above, the person or position and alternate(s) listed above are also authorized to direct C/CAG's Executive Director or San Mateo Countywide Water Pollution Prevention Program's Stormwater Coordinator to sign and certify reports prepared by the San Mateo Countywide Water Pollution Prevention Program (Countywide Program) or Bay Area Stormwater Management Agencies Association (BASMAA) on behalf of the city. This authorization for the submittal of countywide and BASMAA reports will typically occur by an affirmative vote of my duly authorized representative or alternate at the Countywide Program's Stormwater Technical Advisory Committee meetings, but the authorization may also be obtained through email, telephone, face to face contact, or other method of communication.

This notification will remain in effect until it is changed by me or my successor.

Very truly yours,

Michael P. Dolder
Interim City Manager

CC: City Engineer
NPDES Coordinator

FY 2009-2010 Annual Report
Permittee Name: City of Half Moon Bay

Table of Contents

Section **Page**

Section 1 – Permittee Information 1-1
Section 2 – Provision C.2 Municipal Operations 2-1
Section 3 – Provision C.3 New Development and Redevelopment 3-1
Section 4 – Provision C.4 Industrial and Commercial Site Controls 4-1
Section 5 – Provision C.5 Illicit Discharge Detection and Elimination 5-1
Section 6 – Provision C.6 Construction Site Controls 6-1
Section 7 – Provision C.7. Public Information and Outreach 7-1
Section 8 – Provision C.8 Water Quality Monitoring 8-1
Section 9 – Provision C.9 Pesticides Toxicity Controls 9-1
Section 10 – Provision C.10 Trash Load Reduction 10-1
Section 11 – Provision C.11 Mercury Controls 11-1
Section 12 – Provision C.12 PCBs Controls 12-1
Section 13 – Provision C.13 Copper Controls 13-1
Section 14 – Provision C.14 PBDE, Legacy Pesticides and Selenium Controls 14-1
Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges 15-1

Section 1 – Permittee Information

Background Information							
Permittee Name:	City of Half Moon Bay						
Population:	13047						
NPDES Permit No.:	CAS612008						
Order Number:	R2-2009-0074						
Reporting Time Period (month/year):	December / 2009 through June / 2010						
Name of the Responsible Authority:	Mo Sharma				**Title:**	City Engineer	
Mailing Address:	501 Main Street						
City:	Half Moon Bay	**Zip Code:**	94019	**County:**	San Mateo		
Telephone Number:	650-726-8265		**Fax Number:**		650-726-8261		
E-mail Address:	mosharma@hmbcity.com						
Name of the Designated Stormwater Management Program Contact (if different from above):	Muneer Ahmed			**Title:**	NPDES Coordinator		
Department:	Engineering /Public Works Department						
Mailing Address:	501 Main Street						
City:	Half Moon Bay	**Zip Code:**	94019	**County:**	San Mateo		
Telephone Number:	650-726-8266		**Fax Number:**		650-726-8261		
E-mail Address:	muneer@csgengr.com						

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Activities for the reporting year include: (1) Development and confirmation of the Corp Yard SWPPP, and (2) participation in the Program's Municipal Maintenance Subcommittee and review of subcommittee's products.

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

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

X	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
X	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.
X	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 an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	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
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

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

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

NA	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
X	Control of discharges from graffiti removal activities
X	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal

Comments:

C.2.d. ►Stormwater Pump Stations

Does your municipality own stormwater pump stations:		**Yes**	X	**No**

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

(For FY 10-11Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations):

Pump Station Name and Location	**First inspection Dry Weather DO Data**		**Second inspection Dry Weather DO Data**	
	Date	**mg/L**	**Date**	**mg/L**

(For FY 10-11Annual Report only) Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:

[1] Pump stations that pump stormwater into stormwater collection systems or infiltrate into a dry creek immediately downstream are exempt from DO monitoring.

Attachments:

(For FY 10-11Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	**Date** (2x/year required)	**Presence of Trash** (Cubic Yards)	**Presence of Odor** (Yes or No)	**Presence of Color** (Yes or No)	**Presence of Turbidity** (Yes or No)	**Presence of Floating Hydrocarbons** (Yes or No)

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

Does your municipality own/maintain rural[2] roads:		Yes	X	No

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

Place an **X** in the boxes next to implemented 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:

	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:

[2] 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 corporation yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
X	We certify that we have a current **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:

NA	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: There is no storm drain system in the Corp Yard. Vehicles and Equipment are not cleaned/washed at the Corp yard.

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	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
HMB Corporation Yard	April 7, 2010	Corp Yard found to be in compliance with the SWPPP. All materials are stored in covered/roofed areas.	

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

C.3.a. ►New Development and Redevelopment Performance Standard Implementation Summary Report

(For FY 10-11Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8).

Summary: Not required for this Annual Report.

C.3.b. ►Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary: Not Applicable. No pilot green street projects are planned within this jurisdiction.

C.3.b.v.(1) ►Regulated Projects Reporting Table

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information

(2) On an annual basis, 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:

No regulated projects were constructed that required O&M verification inspections. Hence, no O&M verification inspections were conducted during this reporting period.

(3) On an annual basis, 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: Municipal staff plans to attend a 'training the trainers' workshop that the Countywide Program is planning in FY 2010/11, to prepare key municipal staff to update their municipal O&M programs and train other staff members on O&M verification requirements.

No Regulated Projects were approved during the MRP reporting period (Dec 1, 2009 through June 30, 2010). SMCWPPP submitted a semi-annual report that includes information on projects that were in the review or construction process during the period of July 1 through November 30, 2009.

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

Project Name Project No.	Project Location[3], Street Address	Name of Developer	Project Phase No.[4]	Project Type & Description[5]	Project Watershed[6]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area[7] (ft^2)	Total Pre-Project Impervious Surface Area[8] (ft^2)	Total Post-Project Impervious Surface Area[9] (ft^2)
Private Projects										
None to report										
Public Projects										
None to report*										

Note: * Coastal Development Permit for the Highway1 Bike trail Project extension (C-3 Exempt) was approved in April 2010. Funding for this project was committed in previous years.

[3] Include cross streets.
[4] If a project is being constructed in phases, use a separate row entry for each phase.
[5] 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.
[6] State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).
[7] State both the total new impervious surface area and the total replaced impervious surface area, as applicable.
[8] For redevelopment projects, state the pre-project impervious surface area.
[9] For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Status of Project[10]	Source Control Measures[11]	Site Design Measures[12]	Treatment Systems Approved[13]	Operation & Maintenance Responsibility Mechanism[14]	Hydraulic Sizing Criteria[15]	Alternative Compliance Measures[16/17]	Alternative Certification[18]	HM Controls[19/20]
Private Projects									
Public Projects									

[10] For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.
[11] 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.
[12] 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.
[13] 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.).
[14] 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.
[15] See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)
[16] 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.
[17] 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.
[18] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[19] If HM control is not required, state why not.
[20] 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).

No Stormwater Treatment Systems were installed in previous years.

C.3.h.iv. ►Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Facility/Site Inspected and Location	Party Responsible[21] For Maintenance	Date of Inspection	Type of Inspection[22]	Type of Treatment/HM Control(s) Inspected[23]	Inspection Findings or Results[24]	Enforcement Action Taken[25]	Comments

[21] State the responsible operator for installed stormwater treatment systems and HM controls.
[22] State the type of inspection (e.g., annual, follow-up, spot, etc.).
[23] State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.
[24] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[25] State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

C.4.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?	X	**Yes**		**No**

If **No**, explain:

C.4.c.ii.(5) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?		**Yes**	X	**No**

If **No**, explain:

Enforcement Response Plan will be developed and implemented by December 15, 2010.

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

The City contracts with the County Environmental Health Department for hazmat and food facility inspections. City Staff plans to participate in the Countywide program's CII subcommittee and review CII products.

C.4.b.i. ► Business Inspection Plan

(For FY 09-10 Annual Report only) Do you have a Business Inspection Plan?		**Yes**	X	**No**

If No, explain:

Half Moon Bay contracts with the County Environmental Health for business inspections.

C.4.b.iii.(1) ► 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.

Potential Facilities List is attached.

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

List of facilities scheduled for inspection is attached.

C.4.c.iii.(1) ► Facility Inspections

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

	Number	Percent
Number of businesses inspected (if known)		
Total number of inspections conducted	59	54
Violations issued (excluding verbal warnings)	3	5
Sites inspected in violation	3	5
Violations[1] resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0	

[1] Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-stormwater discharge)	1
Potential discharge (e.g. BMPs not in place or ineffective)	10

C.4.c.iii.(2) ►Frequency and Type of Enforcement Conducted

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

	Enforcement Action (as listed in ERP)[1]	Number of Enforcement Actions Taken	% of Enforcement Actions Taken[2]
Level 1	Verbal Notice/Warning was Issued		
Level 2	Written Notice was Issued	3	100
Level 3			
Level 4			
Total		3	100

Notes:

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

[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.4.c.iii.(3) ►Types of Violations Noted by Business Category

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

Business Category[1]	Actual Discharge Violations	Potential Discharge Violations
Golf Course	1	0
Automotive Service		4
General Office/Warehouse/Supply Store		2
Landfill		1
Nursery		1
Hotel/Restaurant		1

Notes:

[1] List your Program's standard business categories.

C.4.c.iii.(4) ►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. There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.d.iii ►Staff Training Summary

Half Moon Bay contracts with County Environmental Health for business inspections.

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance

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

C.5.a.ii ► Legal Authority

(For FY 09-10 Annual Report only) Do you have adequate legal authority to prohibit and control illicit discharges and escalate stricter enforcement to achieve expedient compliance?	X	**Yes**		**No**

If **No**, explain:

C.5.b.ii.(4) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Have you developed and implemented an Enforcement Response Plan by April 1, 2010?		**Yes**	X	**No**

If **No**, explain:

Enforcement Response Plan will be developed and implemented by December 15, 2010.

Program Highlights

Provide background information, highlights, trends, etc. For FY 09-10 Annual Report describe steps taken to revise your program to meet new data tracking and reporting requirements.

Activities conducted during the reporting period include staff review of the CII subcommittee products.

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

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Rob Eastman	Maintenance Dept	650-726-8266
Mo Sharma	Public Works Dept	650-726-8265

C.5.d.iii ►Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:

The County Environmental health has initiated educational outreach to mobile food facilities. Half Moon Bay does not hire mobile surface cleaners.

C.5.e.iii ►Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

Half Moon Bay has not adopted a formal collection screening program. Stormwater collection system screening is done as part of the daily municipal maintenance program. Storm drain inlets and catch basins are screened for illicit discharges during routine maintenance activities.

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

C.5.f.iii.(4) ►Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

Inspection staff noticed golf course employee washing grass clippings from the lawn movers into the storm drain.

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ► Legal Authority

(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance?	X	**Yes**		**No**
If **No**, explain:				

C.6.b.ii.(3) ► Enforcement Response Plan

(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010?	X	**Yes**		**No**
If **No**, explain: Enforcement Response Plan will be developed and implemented by December 15, 2010.				

C.6.e.iii.1.a, b, c ►Site/Inspection Totals

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted** (C.6.e.iii.1.c)

Note: There were no active regulated residential/commercial construction projects in the reporting period. Majority of the projects under construction were single family homes. Building Inspection staff inspects these sites for erosion control issues during routine building inspections.

Construction of the bike trail project started in June 2010. Stormwater Inspections for the upcoming wet weather will be reported in the next reporting period.

C.6.e.iii.1.d ►Construction Activities Storm Water Violations

BMP Category	Number of Violations[1]	% of Total Violations[2]
Erosion Control		
Run-on and Run-off Control		
Sediment Control		
Active Treatment Systems		
Good Site Management		
Non Stormwater Management		
Total		

Notes:

[1]Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

[2]Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ►Construction related storm water enforcement actions

	Enforcement Action (as listed in ERP)[1]	Number Enforcement Actions Taken	% Enforcement Actions Taken[2]
Level 1			
Level 2			
Level 3			
Level 4			
Total			

Notes:

[1]Agencies should list the specific enforcement actions as defined in their ERPs.

[2]Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

C.6.e.iii.1.h, i ►Violation Correction Times

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)		
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		
Total number of violations for the reporting year[1]		

Notes:

[1]Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

[2]Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

[3]Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ►Evaluation of Inspection Data

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

Description:

There were no active regulated residential/commercial construction projects in the reporting period. Majority of the projects under construction were single family homes. Building Inspection staff inspects these sites for erosion control issues during routine building inspections.

Construction of the bike trail project started in June 2010. Stormwater Inspections for the upcoming wet weather will be reported in the next reporting period.

C.6.e.iii.(2) ►Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

Because of staff turnover, new inspection staff should attend the Regional Water Quality Control Board's construction site compliance workshop on a yearly basis to keep updated on the construction site BMP requirements. Although not required by the permit, Inspection Staff should also participate in the QSP program.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Site Compliance Training Workshop, Brisbane CA	12/3/2009	MRP provision C-6 requirements, requirements of the new construction general permit, Water Board's inspection program, and Construction BMP's.	1	100

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

C.7.b.ii.1 ►Advertising Campaign

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

Summary:

The following report developed by BASMAA is included within the C.7 public information and outreach section of the Countywide Program's Annual Report "FY 09-10 Regional Outreach Strategic Plan" summarizes regional advertising efforts.

C.7.b.iii.1 ►Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information: **Not required for this Annual report**

- Summary of how the survey was implemented.
- Analysis of the survey results.
- Discussion of the outreach strategies based on the survey results.
- Discussion of planned or future advertising campaigns to influence awareness and behavior changes regarding trash/litter and pesticides.

Place an **X** in the appropriate box below:

☐	Survey report attached
☐	Reference to regional submittal:

C.7.c ►Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:

The following reports developed by SMCWPPP and BASMAA are included within the C.7 Public Information and Outreach section of the Countywide Program's Annual report:

. FY 09-10 SMCWPPP Media Relations Report – summarizes countywide media relations efforts.

. FY 09-10 BASMAA Regional Media Relations - summarizes regional media relations effort.

C.7.d ▶Stormwater Point of Contact

(For FY 09-10 Annual Report only, unless changes made) Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

Contact Summary:

Website: http://www.half-moon-bay.ca.us; Phone: 650-726-8266/650-726-8260. The storm drains sub tab on the public works web page has detailed information on the storm water pollution prevention program and the contact information.

The Countywide Program's website, www.flowstobay.org and phone number (650)372-6200 is another point of contact that is publicized on SMCWPPP outreach materials and maintained by the Countywide program. Individual agency points of contact are publicized on the website, referred to when calling into the Countywide Program phone number, and publicized on some SMCWPPP outreach materials.

C.7.e ▶Public Outreach 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**
The following outreach events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report: • FY 09-10 Coordination of California Coastal Cleanup Day in San Mateo County, September 19, 2009. • FY 09-10 Home Show at the Cow Palace, March 26, 27, & 28, 2010.		

C.7.f. ►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:

During FY 09-10, SMCWPPP developed the online guide, Environmental Resource Guide of Groups and Organizations in San Mateo County with Watershed Stewardship Efforts to encourage public involvement in watershed volunteer efforts. Communication was established with each of the organizations in the guide in order to understand each of the group's needs and future collaboration possibilities. In addition, all of the organization's events throughout the year were posted on the Countywide Program's popular 'Community Events' page to publicize and encourage participation by county residents in local stewardship efforts.

C.7.g. ►Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
The following report developed by SMCWPPP on the countywide citizen involvement event is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report: • FY 09-10 Coordination of California Coastal Cleanup Day in San Mateo County, September 19, 2009.		

C.7.h. ▶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
The following separate reports developed by SMCWPPP are included within the C.7 Public Information and Outreach section of the Countywide Program's FY 09-10 Annual Report: • FY 09-10 Zun Zun School Assembly Program • FY 09-10 The Watershed Project, Creek Champions In Class Presentations.			

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ►Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 09-10, we contributed to SMCWPPP's Monitoring and Assessment Program in coordination with BASMAA's Regional Monitoring Coalition (RMC). In addition, we contribute financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and actively participate in RMP committees and work groups. For additional information on monitoring activities conducted by SMCWPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Countywide Program's FY 09-10 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ►Adopt an Integrated Pest Management (IPM) Policy or Ordinance

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.		**Attached**	X	**Not attached**, explain below

If **Not attached**, explain:

Half Moon Bay maintenance staff works with the County Environmental Health Department in following IPM procedures. County Staff inspects the pesticide handling procedures. The City will update and adopt the IPM policy.

C.9.b ►Implement IPM Policy or Ordinance

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 organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Summary:

Maintenance staff reported that pesticides that threaten water quality; specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil were not used. Commonly used pesticides were pre-emergent like roundup.

C.9.c ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	1
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	1
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

C.9.d ►Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?		Yes	X	No

If yes, attach one of the following:

	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR
	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR
	Equivalent documentation.

If not attached, explain:

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

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

Summary:

During FY 09-10, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Countywide Program's FY 09-10 Annual Report.

C.9.f ►Interface with County Agricultural Commissioners

Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.

Summary:

None to Report

C.9.h.ii ►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:

The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts.
These reports are included within the C.9 Pesticides Toxicity Control section of the Countywide Program's FY 09-10 Annual Report:

- FY 09-10 IPM Store Partnership Program (SMCWPPP)
- FY 09-10 'Our Water, Our World' Report (BASMAA).

C.9.h.vi ► 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); OR reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

The following separate reports developed by SMCWPPP summarize Pest Control Operator outreach efforts conducted during FY 09-10:

- FY 09-10 Green Gardener Pilot-Program Training Report.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ►Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

Not required for this Annual Report.

C.10.a.ii ►Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and develop a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

A summary of the Countywide Program's accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report.

C.10.a.iii ►Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide a description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership.

Description:

A summary of Program accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of the Countywide Program's FY 09-10 Annual Report. In addition, City Staff attended the San Francisco Estuary Partnership's Vendor Fair and meeting in Oakland on May 4, 2010.

C.10.b.iii ►Trash Hot Spot Assessment

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Provide required photo documentation.

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)

C.10.d ▶ Summary of Trash Load Reduction Actions

Provide summary of new trash load reduction actions or increased levels of implementation of existing actions that were implemented after adoption of the MRP (control measures and best management practices) including the types of actions and levels of implementation, and the total trash loads and dominant types of trash removed from each type of action.

Suggested trash load reduction actions to track and report may include:

- Anti-litter Campaigns
- Anti-litter/Dumping Enforcement Activities
- Curbside Recycling Programs
- Education and Outreach Efforts
- Free Trash Pickup/Drop-off Days
- County HHW Program Activities
- Improved Trash Bin Management
- Inspection/Maintenance of Storm Drain Outfalls
- Litter Pickup and Control
- Removal of Homeless Encampments
- Solid Waste Recycling Efforts
- Source Controls/Bans/Prohibitions
- Storm Drain Operation and Maintenance
- Storm Drain Signage/Marking
- Street Sweeping Activities
- Trash Removal from Receptacles
- Volunteer Creek Cleanups

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Not all trash load reduction actions were tracked by 'loads removed' this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be estimated for each load reduction action (as feasible).				

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

Mercury recycling efforts are conducted by the San Mateo County HHW Program. Half Moon Bay advertises the Countywide HHW program's contact information through its website.

Allied Waste, City's waste hauler maintains a drop-off location in the City and staff directs residents to these locations when inquired. A local hardware store also collects HHW.

C.11.a.ii ►Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Amount collected:

The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010. Therefore, estimates could not be made for FY 09-10. Estimates of the mass of mercury collected through recycling efforts during FY 10-11 will be provided with the FY 10-11 Annual Report.

C.11.b ►Monitor Methylmercury
C.11.c ►Pilot Projects to Investigate and Abate Mercury Sources in Drainages
C.11.d ►Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices
C.11.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit
C.11.f ►Diversion of Dry Weather and First Flush Flows to POTWs
C.11.g ►Monitor Stormwater Mercury Pollutant Loads and Loads Reduced
C.11.h ►Fate and Transport Study of Mercury In Urban Runoff
C.11.i ►Development of a Risk Reduction Program Implemented Throughout the Region
C.11.j ►Develop Allocation Sharing Scheme with Caltrans

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of SMCWPPP's accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.i,iii ►Municipal Inspectors Training

(For FY 09-10 Annual Report only) List below or attach description of results of training municipal industrial inspectors to identify, in the course of their existing inspections, PCBs or PCB-containing equipment.

Description:

In FY 09-10, inspector training materials were developed through in-kind contributions of SMCWPPP and SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report.

C.12.a.ii,iii ►Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

Not required for this Annual Report.

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities **C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations** **C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices** **C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit** **C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs** **C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced** **C.12.h ►Fate and Transport Study of PCBs In Urban Runoff** **C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region**
State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.
Summary A summary of Program accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.i and iii ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?		Yes		No

If **No**, explain and provide schedule for obtaining authority within 1 year:

Not required for this Annual Report.

C.13.b.i and iii ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?		Yes		No

If **No**, explain and provide schedule for obtaining authority within 1 year:

Not required for this Annual Report.

C.13.c ►Vehicle Brake Pads

Reported in a separate regional report.

A summary of SMCWPPP's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of the Countywide Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

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

List below or attach annotated lists or tables from your Industrial and Commercial Site Controls portion of this report, that highlight copper reduction results among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. For FY09-10 describe below or highlight in the C.4 Evaluation portion (if provided) of this report the steps taken to revise your program to meet new data tracking and reporting requirements for implementation levels described in C.13.d.ii.

Summary

In FY 09-10, inspector training materials were developed through in-kind contributions of SMCWPPP and SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report.

C.13.e ►Studies to Reduce Copper Pollutant Impact Uncertainties

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary

A summary of SMCWPPP's efforts (i.e., participation in RMP committee and work group meetings) to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the Countywide Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ▶ Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below."

Summary

A summary of SMCWPPP's efforts (i.e., participation in RMP committee and work group meetings) to develop a Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the Countywide Program's FY 09-10 Annual Report and/or BASMAA Regional POC Report.

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?		Yes	X	No
If **No**, skip to C.15.b.vi.(2):				
If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.				
Summary:				

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:

C.15.b.iii.(1) ▶ Planned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity[1] (NTU)	Implemented BMPs & Corrective Actions

Notes:

[1] Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ►Unplanned Discharges of the Potable Water System

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual[2] (mg/L)	pH[2] (standard units)	Discharge Turbidity (Visual)[2,]	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[4]	Inspector arrival time	Responding crew arrival time

Notes:

1. This table contains all of the unplanned discharges that occurred in this FY.

2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.

4. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

Attachment 1 (Section C.4.b.iii (1))
Potential Facilities List

Potential Facilities List **Half Moon Bay**

Facility		Address	City	Insp Date
CVS/PHARMACY #9216	60	CABRILLO	HALF MOON BAY	No Activity
POINT PILLAR PROPERTIES LLC	240	CAPISTRANO	HALF MOON BAY	6/26/2008
SPANISH TOWN MEXICAN RESTAURAN	515	CHURCH	HALF MOON BAY	1/15/2009
CHATEAU DES FLEURS	523	CHURCH	HALF MOON BAY	3/9/2009
HALF MOON BAY GOLF LINKS	2000	FAIRWAY	HALF MOON BAY	4/19/2010
HALF MOON BAY ORCHIDS	37K	FRENCHMANS CREEK	HALF MOON BAY	5/18/2010
SILVA WHOLESALE FLORIST	1050	FRENCHMANS CREEK	HALF MOON BAY	7/13/2007
PRINCETON WELDING, INC.	231	HARVARD	HALF MOON BAY	5/5/2010
GIUSTI FARMS	1800	HIGGINS CANYON	HALF MOON BAY	5/5/2010
HALF MOON BAY GRADING & PAVING INC	1780	HIGGINS PURISSIMA	HALF MOON BAY	1/9/2009
SMCO PHHW	12310	HIGHWAY 92	HALF MOON BAY	6/24/2006
BURGER KING	30	HWY 1	HALF MOON BAY	5/12/2009
ROUND TABLE PIZZA	50	HWY 1	HALF MOON BAY	11/3/2008
CVS #09216	60	HWY 1	HALF MOON BAY	No Activity
SAFEWAY STORE #308	70	HWY 1	HALF MOON BAY	8/17/2009
GREENHOUSE CLEANERS	80	HWY 1	HALF MOON BAY	2/5/2009
SUNSHINE DONUTS	80	HWY 1	HALF MOON BAY	5/12/2009
SUBWAY	80	HWY 1	HALF MOON BAY	8/17/2009
CHINA KITCHEN	80	HWY 1	HALF MOON BAY	11/14/2008
THE PUMPKIN PATCH HALLMARK	80	HWY 1	HALF MOON BAY	11/3/2008
GENERAL NUTRITION CTR #5631	80	HWY 1	HALF MOON BAY	11/4/2008
SIMPLY DELICIOUS SWEET & TREATS	80	HWY 1	HALF MOON BAY	11/3/2008
MCDONALDS	100	HWY 1	HALF MOON BAY	11/3/2008
TAQUERIA LA MEXICANA	250	HWY 1	HALF MOON BAY	1/15/2009
TRES AMIGOS	270	HWY 1	HALF MOON BAY	1/15/2009
BAY CHEVRON SERVICE #7927	375	HWY 1	HALF MOON BAY	9/22/2009
SEWER AUTHORITY MID COASTSIDE	1000	HWY 1	HALF MOON BAY	6/12/2008
CAMERONS INN	1410	HWY 1	HALF MOON BAY	3/16/2009
RICE TRUCKING	2119	HWY 1	HALF MOON BAY	8/26/2008
CAL TRANS HMB MAIN STATION	2203	HWY 1	HALF MOON BAY	12/4/2009
BAY CITY FLOWER CO INC	2265	HWY 1	HALF MOON BAY	2/19/2009
HALF MOON BAY JOES	2380	HWY 1	HALF MOON BAY	3/13/2009
AZEVEDO FEED & TRUCKING	2415	HWY 1	HALF MOON BAY	4/9/2010
GIUSTI FARMS	2475	HWY 1	HALF MOON BAY	11/6/2008

NURSERYMENS EXCHANGE INC	2651	HWY 1	HALF MOON BAY	10/26/2009
STOLOSKI & GONZALEZ	2660	HWY 1	HALF MOON BAY	5/24/2010
GIN WAN	2810	HWY 1	HALF MOON BAY	3/25/2009
BOBS FRESH VEGETABLES	2900	HWY 1	HALF MOON BAY	4/21/2009
TOM & PETES PRODUCE	99	HWY 92	HALF MOON BAY	1/15/2009
HALF MOON BAY FISH MARKET	99	HWY 92	HALF MOON BAY	1/15/2009
THE FLYING FISH GRILL	99	HWY 92	HALF MOON BAY	1/15/2009
MERCADO GUADALAJARA	99	HWY 92	HALF MOON BAY	1/15/2009
HALF MOON BAY ALLIANCE	120	HWY 92	HALF MOON BAY	6/24/2010
ERNIES LIQUORS	146	HWY 92	HALF MOON BAY	5/18/2009
LUCKY 99 CENTS STORE	160	HWY 92	HALF MOON BAY	5/18/2009
RITE AID	170	HWY 92	HALF MOON BAY	3/28/2006
HAPPY TACO	184	HWY 92	HALF MOON BAY	1/2/2009
STRAW HAT PIZZA	186	HWY 92	HALF MOON BAY	1/2/2009
SEVEN ELEVEN STORE -#2230/2148	196	HWY 92	HALF MOON BAY	4/22/2009
HALF MOON BAY SHELL	201	HWY 92	HALF MOON BAY	1/19/2010
SAMS COFFEE SHOP	210	HWY 92	HALF MOON BAY	11/3/2008
CROWN CLEANERS	210	HWY 92	HALF MOON BAY	4/24/2008
LA BAMBA RESTAURANT AND BAR	211	HWY 92	HALF MOON BAY	3/11/2009
ALVES PETROLEUM INC	245	HWY 92	HALF MOON BAY	6/16/2010
HILLTOP BAIT TACKLE DELI & GROCERY	251	HWY 92	HALF MOON BAY	3/11/2009
PILARCITOS QUARRY	11700	HWY 92	HALF MOON BAY	8/23/2007
BFI OX MOUNTAIN	12310	HWY 92	HALF MOON BAY	1/14/2010
AMERESCO	12310	HWY 92	HALF MOON BAY	1/14/2010
LEMOS FARM	12320	HWY 92	HALF MOON BAY	3/27/2009
OBESTER WINERY	12341	HWY 92	HALF MOON BAY	3/11/2009
A REPETTO NURSERY	12351	HWY 92	HALF MOON BAY	9/18/2008
T & E PASTORINO NURSERY	12511	HWY 92	HALF MOON BAY	3/31/2010
PYRO SPECTACULARS	12344	HYW 92	HALF MOON BAY	11/3/2009
PRINCETON SEAFOOD, INC	9	JOHNSON PIER	HALF MOON BAY	7/1/2009
DEPARTMENT OF PARKS & REC	95	KELLY	HALF MOON BAY	9/26/2007
ANDREOTTI FAMILY FARM	329	KELLY	HALF MOON BAY	8/7/2008
CABRILLO UNIFIED SCHOOL DIST	498	KELLY	HALF MOON BAY	6/17/2009
MORE FOR LESS	501	KELLY	HALF MOON BAY	6/20/2008
PACIFIC BELL	525	KELLY	HALF MOON BAY	3/24/2010
HALF MOON BAY POLICE DEPT	535	KELLY	HALF MOON BAY	1/28/2010
CUNHA SCHOOL		KELLY AND CHURCH	HALF MOON BAY	3/9/2009

HALF MOON BAY HIGH SCHOOL	
NUNES WATER TREATMENT PLANT	500
NUNES WATER TREATMENT PLANT	500
HMB BUILDING GARDEN INC	119
MV TRANSPORTATION, INC.	121
PROFESSIONAL AUTO CARE	125
PAULOS AUTO CARE	129
COAST TRANSMISSIONS	141
HALF MOON BAY AUTO REPAIR	149
ANDREINI BROS INC	151
PG&E HALF MOON BAY SERVICE CTR	175
HMB SUBSTATION	175
PASTA MOON	315
CASEYS CAFE/SAMPLE THIS	328
THE SAN BENITO HOUSE	356
CUNHAS COUNTRY GROCERY INC	448
HALF MOON BAY BAKERY	514
M COFFEE	522
MAIN STREET GRILL	547
MOONSIDE BAKERY & CAFE	604
HALF MOON BAY WINE & CHEESE	604
CETRELLA RESTAURANT	845
COASTSIDE FIRE DISTRICT, HMB	1191
MIRAMAR BEACH INN RESTAURANT	131
RITZ CARLTON	1
HATCH SCHOOL	
RITZ CARLTON	1
MULLINS BAR & GRILL	2
MULLINS BAR & GRILL	2
ANGELOS MUFFLER & LUBE	332
GINOS AUTO BODY & PAINT	334
PHILS HALF MOON BAY TIRE & AU	422
LADIDA CAFE	500
ORLANDOS PLACITA MARKET	500
CAFFINO	198
JAMES FORD INC	100
BANGKOK HOUSE THAI CUISINE	20

LEWIS FOSTER	HALF MOON BAY	6/17/2009
LEWIS FOSTER	HALF MOON BAY	9/4/2009
LEWIS FOSTER	HALF MOON BAY	No Activity
MAIN	HALF MOON BAY	1/15/2009
MAIN	HALF MOON BAY	9/2/2008
MAIN	HALF MOON BAY	1/14/2009
MAIN	HALF MOON BAY	6/4/2008
MAIN	HALF MOON BAY	5/22/2009
MAIN	HALF MOON BAY	10/22/2008
MAIN	HALF MOON BAY	1/15/2010
MAIN	HALF MOON BAY	5/11/2010
MAIN	HALF MOON BAY	5/26/2010
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	12/26/2008
MAIN	HALF MOON BAY	2/11/2009
MAIN	HALF MOON BAY	12/26/2008
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	1/2/2009
MAIN	HALF MOON BAY	12/5/2008
MAIN	HALF MOON BAY	2/3/2009
MIRADA	HALF MOON BAY	1/20/2009
MIRAMONTE POINT	HALF MOON BAY	4/19/2010
MIRAMONTES	HALF MOON BAY	3/13/2009
MIRAMONTES POINT	HALF MOON BAY	4/21/2009
MIRAMONTES POINT	HALF MOON BAY	4/21/2009
MIRAMONTES PONT	HALF MOON BAY	12/5/2008
PURISSIMA	HALF MOON BAY	11/27/2007
PURISSIMA	HALF MOON BAY	11/28/2007
PURISSIMA	HALF MOON BAY	3/26/2008
PURISSIMA	HALF MOON BAY	2/11/2009
PURISSIMA	HALF MOON BAY	3/13/2009
SAN MATEO	HALF MOON BAY	No Activity
SEYMOUR	HALF MOON BAY	2/4/2009
STONE PINE	HALF MOON BAY	12/5/2008

MILANO PIZZERIA	40	STONE PINE CTR	HALF MOON BAY	11/18/2008
HALF MOON BAY COFFEE CO	20	STONE PINE RETAIL CENTER	HALF MOON BAY	5/18/2009
	110 Total # of Facilities per City :		109	

Attachment 2 (Section C.4.b.iii (2))
Facilities List

SCHEDULED FOR INSPECTION FY 2010-2011 **Half Moon Bay**

Facility	Address		City	
RITE AID	170	HWY 92	HALF MOON BAY	3/28/2006
SMCO PHHW	12310	HIGHWAY 92	HALF MOON BAY	6/24/2006
SILVA WHOLESALE FLORIST	1050	FRENCHMANS CREEK	HALF MOON BAY	7/13/2007
PILARCITOS QUARRY	11700	HWY 92	HALF MOON BAY	8/23/2007
DEPARTMENT OF PARKS & REC	95	KELLY	HALF MOON BAY	9/26/2007
ANGELOS MUFFLER & LUBE	332	PURISSIMA	HALF MOON BAY	11/27/2007
GINOS AUTO BODY & PAINT	334	PURISSIMA	HALF MOON BAY	11/28/2007
PHILS HALF MOON BAY TIRE & AU	422	PURISSIMA	HALF MOON BAY	3/26/2008
CROWN CLEANERS	210	HWY 92	HALF MOON BAY	4/24/2008
PAULOS AUTO CARE	129	MAIN	HALF MOON BAY	6/4/2008
SEWER AUTHORITY MID COASTSIDE	1000	HWY 1	HALF MOON BAY	6/12/2008
MORE FOR LESS	501	KELLY	HALF MOON BAY	6/20/2008
POINT PILLAR PROPERTIES LLC	240	CAPISTRANO	HALF MOON BAY	6/26/2008
ANDREOTTI FAMILY FARM	329	KELLY	HALF MOON BAY	8/7/2008
RICE TRUCKING	2119	HWY 1	HALF MOON BAY	8/26/2008
MV TRANSPORTATION, INC.	121	MAIN	HALF MOON BAY	9/2/2008
A REPETTO NURSERY	12351	HWY 92	HALF MOON BAY	9/18/2008
HALF MOON BAY AUTO REPAIR	149	MAIN	HALF MOON BAY	10/22/2008
ROUND TABLE PIZZA	50	HWY 1	HALF MOON BAY	11/3/2008
THE PUMPKIN PATCH HALLMARK	80	HWY 1	HALF MOON BAY	11/3/2008
SIMPLY DELICIOUS SWEET & TREATS	80	HWY 1	HALF MOON BAY	11/3/2008
MCDONALDS	100	HWY 1	HALF MOON BAY	11/3/2008
SAMS COFFEE SHOP	210	HWY 92	HALF MOON BAY	11/3/2008
GENERAL NUTRITION CTR #5631	80	HWY 1	HALF MOON BAY	11/4/2008
GIUSTI FARMS	2475	HWY 1	HALF MOON BAY	11/6/2008
CHINA KITCHEN	80	HWY 1	HALF MOON BAY	11/14/2008
MILANO PIZZERIA	40	STONE PINE CTR	HALF MOON BAY	11/18/2008
CETRELLA RESTAURANT	845	MAIN	HALF MOON BAY	12/5/2008
MULLINS BAR & GRILL	2	MIRAMONTES PONT	HALF MOON BAY	12/5/2008
BANGKOK HOUSE THAI CUISINE	20	STONE PINE	HALF MOON BAY	12/5/2008
CUNHAS COUNTRY GROCERY INC	448	MAIN	HALF MOON BAY	12/26/2008
M COFFEE	522	MAIN	HALF MOON BAY	12/26/2008
HAPPY TACO	184	HWY 92	HALF MOON BAY	1/2/2009
STRAW HAT PIZZA	186	HWY 92	HALF MOON BAY	1/2/2009

PASTA MOON	315	MAIN	HALF MOON BAY	1/2/2009
CASEYS CAFE/SAMPLE THIS	328	MAIN	HALF MOON BAY	1/2/2009
THE SAN BENITO HOUSE	356	MAIN	HALF MOON BAY	1/2/2009
MAIN STREET GRILL	547	MAIN	HALF MOON BAY	1/2/2009
MOONSIDE BAKERY & CAFE	604	MAIN	HALF MOON BAY	1/2/2009
HALF MOON BAY WINE & CHEESE	604	MAIN	HALF MOON BAY	1/2/2009
HALF MOON BAY GRADING & PAVING INC	1780	HIGGINS PURISSIMA	HALF MOON BAY	1/9/2009
PROFESSIONAL AUTO CARE	125	MAIN	HALF MOON BAY	1/14/2009
SPANISH TOWN MEXICAN RESTAURAN	515	CHURCH	HALF MOON BAY	1/15/2009
TAQUERIA LA MEXICANA	250	HWY 1	HALF MOON BAY	1/15/2009
TRES AMIGOS	270	HWY 1	HALF MOON BAY	1/15/2009
TOM & PETES PRODUCE	99	HWY 92	HALF MOON BAY	1/15/2009
HALF MOON BAY FISH MARKET	99	HWY 92	HALF MOON BAY	1/15/2009
THE FLYING FISH GRILL	99	HWY 92	HALF MOON BAY	1/15/2009
MERCADO GUADALAJARA	99	HWY 92	HALF MOON BAY	1/15/2009
HMB BUILDING GARDEN INC	119	MAIN	HALF MOON BAY	1/15/2009
MIRAMAR BEACH INN RESTAURANT	131	MIRADA	HALF MOON BAY	1/20/2009
COASTSIDE FIRE DISTRICT, HMB	1191	MAIN	HALF MOON BAY	2/3/2009
JAMES FORD INC	100	SEYMOUR	HALF MOON BAY	2/4/2009
GREENHOUSE CLEANERS	80	HWY 1	HALF MOON BAY	2/5/2009
HALF MOON BAY BAKERY	514	MAIN	HALF MOON BAY	2/11/2009
LADIDA CAFE	500	PURISSIMA	HALF MOON BAY	2/11/2009
BAY CITY FLOWER CO INC	2265	HWY 1	HALF MOON BAY	2/19/2009
CHATEAU DES FLEURS	523	CHURCH	HALF MOON BAY	3/9/2009
CUNHA SCHOOL		KELLY AND CHURCH	HALF MOON BAY	3/9/2009
LA BAMBA RESTAURANT AND BAR	211	HWY 92	HALF MOON BAY	3/11/2009
HILLTOP BAIT TACKLE DELI & GROCERY	251	HWY 92	HALF MOON BAY	3/11/2009
OBESTER WINERY	12341	HWY 92	HALF MOON BAY	3/11/2009
HALF MOON BAY JOES	2380	HWY 1	HALF MOON BAY	3/13/2009
HATCH SCHOOL		MIRAMONTES	HALF MOON BAY	3/13/2009
ORLANDOS PLACITA MARKET	500	PURISSIMA	HALF MOON BAY	3/13/2009
CAMERONS INN	1410	HWY 1	HALF MOON BAY	3/16/2009
GIN WAN	2810	HWY 1	HALF MOON BAY	3/25/2009
LEMOS FARM	12320	HWY 92	HALF MOON BAY	3/27/2009
BOBS FRESH VEGETABLES	2900	HWY 1	HALF MOON BAY	4/21/2009
RITZ CARLTON	1	MIRAMONTES POINT	HALF MOON BAY	4/21/2009
MULLINS BAR & GRILL	2	MIRAMONTES POINT	HALF MOON BAY	4/21/2009

SEVEN ELEVEN STORE -#2230/2148	196	HWY 92	HALF MOON BAY	4/22/2009
BURGER KING	30	HWY 1	HALF MOON BAY	5/12/2009
SUNSHINE DONUTS	80	HWY 1	HALF MOON BAY	5/12/2009
ERNIES LIQUORS	146	HWY 92	HALF MOON BAY	5/18/2009
LUCKY 99 CENTS STORE	160	HWY 92	HALF MOON BAY	5/18/2009
HALF MOON BAY COFFEE CO	20	STONE PINE RETAIL CENTER	HALF MOON BAY	5/18/2009
COAST TRANSMISSIONS	141	MAIN	HALF MOON BAY	5/22/2009
CABRILLO UNIFIED SCHOOL DIST	498	KELLY	HALF MOON BAY	6/17/2009
HALF MOON BAY HIGH SCHOOL		LEWIS FOSTER	HALF MOON BAY	6/17/2009
CVS/PHARMACY #9216	60	CABRILLO	HALF MOON BAY	No Activity
CVS #09216	60	HWY 1	HALF MOON BAY	No Activity
NUNES WATER TREATMENT PLANT	500	LEWIS FOSTER	HALF MOON BAY	No Activity
CAFFINO	198	SAN MATEO	HALF MOON BAY	No Activity

Total # Scheduled FY 10-11	84	Total # of Facilities per City :	109

Attachment 3 (Section C.3.10.b.ii)
Trash Hot Spot Selection

TRASH HOT SPOT REPORTING TEMPLATE

Complete template(s) for the hot spot(s) your agency selected and submit to Dale Bowyer (dbowyer@waterboards.ca.gov) at the Water Board by July 1, 2010. Copy Fred Jarvis (fejarvis@eoainc.com) when you make this submittal.

City of Half Moon Bay

Site ID: HMB-PC1

Site Information

Site Location: Pilarcitos Creek, approximately 0.1 miles south of the intersection of Highway 1 and 92; specifically a 100 yard section of the creek that runs underneath the Highway 1 Bridge.

Watershed: Pilarcitos Creek/Coastal Watershed

Waterbody: Pilarcitos Creek

Jurisdiction: Half Moon Bay

Ownership: Half Moon Bay

Trash Pathways/Sources: Accumulation, Litter

Site Identified by: Half Moon Bay Public Works Maintenance Department

Agency Contact: Mo Sharma, City of Half Moon Bay

Justification

Information Supporting Selection as a Hot Spot:

Accumulation of trash and debris. A trash hot spot because of proximity to the highway and commercial areas. Trash problem also associated with homeless encampments.

Existing Cleanup Efforts: Occasional cleanup is done by the maintenance department.

Assessments: None