



TOWN OF HILLSBOROUGH

1600 FLORIBUNDA AVENUE
HILLSBOROUGH
CALIFORNIA
94010-6418

September 6, 2012

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 Representatives for Town of Hillsborough

Dear Mr. Wolfe:

The persons indicated below are the new duly authorized by me 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). They may also 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 Town:

Matt O'Connor, Acting Public Works Director as the duly authorized representative, and

Paul Willis, City Engineer as the alternate duly authorized representative.

As describe above, the persons 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 Town. 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,

Anthony Constantouros
City Manager



TOWN OF HILLSBOROUGH

1600 FLORIBUNDA AVENUE
HILLSBOROUGH
CALIFORNIA
94010-6418

September 15, 2012

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

Subject: **Town of Hillsborough Municipal Regional Stormwater Permit
FY 2011-2012 Annual Report**

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the Town of Hillsborough pursuant to the Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No. CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of activities conducted during FY 2011-2012 and consists of the following:

- A. Certification Statement
 - B. FY 2011-2012 Annual Report Form
 - Table of Contents
 - Completed Annual Report Form, Sections 1- 15*
- *Attachments as appropriate

Should you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Paul Willis, P.E., QSD/QSP
City Engineer
Public Works Department
Engineering Division

cc: Matt O'Connor, Acting Public Works Director
Anthony Constantouros, City Manager

TOWN OF HILLSBOROUGH
FY 2011-2012 ANNUAL REPORT

Certification Statement

"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 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 fine and imprisonment for knowing violations."

Signature by Duly Authorized Representative:



PAUL WILLIS, P.E., QSD/QSP
City Engineer
Public Works Department
Engineering Division

Date: September 15, 2012

Town of Hillsborough

Municipal Regional Stormwater NPDES Permit

FY 2011-2012 Annual Report



September 17, 2012

ATTACHMENT B

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FY 2011-2012 Annual Report
Town of Hillsborough

Section 1: Permittee Information

Town of Hillsborough
Public Works Department, Engineering Division
1600 Floribunda Avenue • Hillsborough • CA • 94010
(650) 375-7444 • (650) 548-0849



Permittee Name: Town of Hillsborough

Section 1 – Permittee Information

Background Information			
Permittee Name:	Town of Hillsborough		
Population:			
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July / 2011 through June / 2012		
Name of the Responsible Authority:	Paul Willis, P.E., QSD/QSP	Title:	City Engineer
Mailing Address:	1600 Floribunda Avenue		
City:	Hillsborough	Zip Code:	94010
		County:	San Mateo
Telephone Number:	(650) 375-7444	Fax Number:	(650) 548-0859
E-mail Address:	pwillis@hillsborough.net		
Name of the Designated Stormwater Management Program Contact (if different from above):	Catherine Chan	Title:	Assistant Engineer
Department:	Public Works Department – Engineering Division		
Mailing Address:	1600 Floribunda Avenue		
City:	Hillsborough	Zip Code:	94010
		County:	San Mateo
Telephone Number:	(650) 579-3353	Fax Number:	(650) 548-0859
E-mail Address:	cchan@hillsborough.net		

FY 2011-2012 Annual Report
Town of Hillsborough

Section 2: Provision C.2 Municipal Operations

Town of Hillsborough
Public Works Department, Engineering Division
1600 Floribunda Avenue • Hillsborough • CA • 94010
(650) 375-7444 • (650) 548-0849



Permittee Name: Town of Hillsborough

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Town of Hillsborough encompasses a rural geography that's zoned single-family residence, which requires other different methods of maintenance compared to the common methods used in urbanized areas. The Town does not have typical streets and roads compared to other public agencies, but the Town responds diligently to all municipal operations. Town residents are responsible to maintain curb/gutters and parking strip areas free of debris. In addition to monthly inspections of the Public Works Corporation Yard, the Town has implemented a site specific Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard as of July 1, 2010. The SWPPP includes, but is not limited to, municipal vehicle maintenance, debris removal from catch basins and material storage facilities to comply with water quality standards.

The Town staff participates in applicable SMCWPPP's Municipal Maintenance Subcommittee and routinely participates in the Trash Work Group meetings.

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:

All street and road repair and/or maintenance related debris and waste materials are collected and disposed of at the corporation yard in waste containers which are transported to an approved facility by our contracted refuse company. The Caltrans Stormwater Quality Handbook Maintenance Staff Guide and the California Stormwater Quality Association Stormwater Best Management Practice Handbook is utilized for all related capital street/road improvement projects and maintenance activities.

Permittee Name: Town of Hillsborough

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:

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 predominantly has roadways without traditional sidewalks with curbs and gutters and, as a result, no sidewalk maintenance. The Town has a limited number of rolled curb/gutters where collection of street debris is less likely. When leaves and street debris collects within the rolled curbs and gutters, Town residents are responsible to clean and dispose materials along their property frontage and the Town maintenance staff responds diligently if lack of maintenance becomes a nuisance to the public. Parking strips are maintained by abutting property owners. However, the parking strips through Town are primarily composed of interlocking pavers, decomposed granite and grass-crete or turf blocks, which serve as drainage systems that filter stormwater runoff prior discharge into the storm drain system.

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:

X	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
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
X	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 does not conduct bridge or structural maintenance activities directly over water or into storm drains. All graffiti removal activities on public facilities are done in-house by Town Staff trained in the proper capture and disposal of graffiti removal wastes. The BASMAA's Pollution from Surface Cleaning handout is available to Town Staff, if needed.

Permittee Name: Town of Hillsborough

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

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

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:

Attachments:

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)

¹ DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ² roads:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 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 road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input checked="" type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input checked="" type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input checked="" type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input checked="" type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input checked="" type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input checked="" type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas:	

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.

Permittee Name: Town of Hillsborough

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We have a 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:			
<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: BMPs are implemented on a monthly basis during inspections by Town Staff and inspection reports are available upon request.			
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
Town of Hillsborough Corporation Yard	Monthly inspections conducted throughout the year.	Inspection locations includes: sewer lift station, wash racks, dump area, outdoor storage area, hazardous material storage, fuel dispensing area and catch basins throughout the yard. Inspections confirmed that: no surcharge of sewage and wash water occurred, all trash and green waste are contained in dumpsters accordingly and catch basins were cleaned and not clogged from debris and trash. Storage areas were confirmed to be orderly with all containers properly capped and sealed. Corporation Yard drainage was confirmed to be running properly with no	Cleaned, repaired and organized areas accordingly during inspections. Repairs were conducted to confirm that sewer pumps were in adequate condition. Catch basins were cleaned to ensure that leaves and debris would not clog.

Permittee Name: Town of Hillsborough

		discharge and basins were free of non-storm water discharge.	
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Section 3: Provision C.3 New Development and Redevelopment



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

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:
 The C.3. New Development and Redevelopment section of the Countywide program's FY 11-12 Annual Report includes a description of activities conducted at the countywide or regional level that were supported by our jurisdiction. There are no pilot green street projects 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.
 There was no public or private Regulated Project approved during the FY 11-12 reporting period.

C.3.c.iii(3) ► Low Impact Development Reporting

(For FY 11-12 Annual Report only) Report the method(s) of implementation of Provision C.3.c.i in the 2012 Annual Report. For specific tasks listed in Provision C.3.c.i. that are reported using the reporting tables required for Provision C.3.b.v, a reference to those tables is adequate.

Comment:
 The Town has updated local policies and procedures and the C.3. Data Form to require all regulated projects approved after December 1, 2011 to implement LID source control, site design and stormwater treatment requirements. We are using the following Program and BASMAA products to ensure LID implementation.

- Applicability of C.3. and C.6 Stormwater Requirements
- NPDES Impervious Surface Data Collection Worksheet
- LID Infeasibility/Feasibility Worksheet

During the FY 11-12 reporting year, there were no approved Regulated Projects. Note that projects approved prior to December 1, 2011 were not required to fully implement the LID requirement in Provision C.3.c.i.

Permittee Name: Town of Hillsborough

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

(For FY 11-12 Annual Report only) Did your agency make any ordinance/legal authority and procedural changes to implement Provision C.3.e.?	<input type="checkbox"/>	Yes.	<input checked="" type="checkbox"/>	No
If yes, attach a copy of the ordinance/legal authority changes or provide a link to the document(s). Discuss any procedural changes made.				
(For FY 11-12 Annual Report and each Annual Report thereafter) 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 checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Comments (optional):				

C.3.e.vi ► Special Projects Reporting

1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2012 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.				

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:

FY 2011-2012 Annual Report

C.3 – New Development and Redevelopment

Permittee Name: Town of Hillsborough

There were not any newly installed stormwater treatment systems and HM controls during the FY 11-12 reporting period. The Town is almost exclusively zoned single family residential. There is currently one site, Crystal Springs Uplands School ("CSUS"), 400 Uplands Drive, that was installed in September 2009 and was inspected once during the FY 11-12 reporting period. A Town conducted inspection found that the stormwater treatment system is operating properly. The Town has communicated to the Owner routine maintenance requirements to ensure that accumulated sediment and debris is cleaned.

(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:

For the reporting period, the Town's O&M Program remains effective. There continues to be coordination and communication between the Planning Department and Engineering Division. However, the Town will conduct O&M inspections annually, or as directed by the Board.

(4) During the reporting year, did your agency:

• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
• Inspect at least 20 percent of the total number of installed vault-based systems?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No

If you answered "No" to any of the questions above, please explain:

There was no newly installed treatment system for the FY 11-12 reporting period and the Town has no vault-based systems installed.

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 Impervious Surface Area (ft ²) ⁷	Total Replaced Impervious Surface Area (ft ²) ⁸	Total Pre- Project Impervious Surface Area ⁹ (ft ²)	Total Post- Project Impervious Surface Area ¹⁰ (ft ²)
Private Projects											
NA											
Public Projects											
NA											
Comments: Not applicable. The Town did not approve any private and public Regulated Projects during the FY 11-12 reporting period.											

³ Include cross streets

⁴ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

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) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

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

⁸ All impervious surfaces added to any area of the site that was previously existing impervious surface.

⁹ For redevelopment projects, state the pre-project impervious surface area.

¹⁰ 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.	Application Deemed Complete Date ¹¹	Application Final Approval Date ¹¹	Source Control Measures ¹²	Site Design Measures ¹³	Treatment Systems Approved ¹⁴	Operation & Maintenance Responsibility Mechanism ¹⁵	Hydraulic Sizing Criteria ¹⁶	Alternative Compliance Measures ^{17/18}	Alternative Certification ¹⁹	HM Controls ^{20/21}
Private Projects										
NA										

Comments:
Not applicable. The Town did not approve any private Regulated Projects during the FY 11-12 reporting period.

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

¹² 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.

¹³ 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.

¹⁴ 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.).

¹⁵ 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.

¹⁶ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁷ 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.

¹⁸ 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.

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

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

²¹ 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), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Approval Date ²²	Date Construction Scheduled to Begin	Source Control Measures ²³	Site Design Measures ²⁴	Treatment Systems Approved ²⁵	Operation & Maintenance Responsibility Mechanism ²⁶	Hydraulic Sizing Criteria ²⁷	Alternative Compliance Measures ^{28/29}	Alternative Certification ³⁰	HM Controls ^{31/32}
Public Projects										
NA										
Comments: Not applicable. The Town did not approve any public Regulated Projects during the FY 11-12 reporting period.										

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

²³ 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.

²⁴ 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.

²⁵ 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.).

²⁶ 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.

²⁷ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁸ 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.

²⁹ 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.

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

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

³² 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), bioretention unit(s), regional detention basin, or in-stream control).

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.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)³³	Party Responsible³⁴ For Maintenance	Date of Inspection	Type of Inspection³⁵	Type of Treatment/HM Control(s) Inspected³⁶	Inspection Findings or Results³⁷	Enforcement Action Taken³⁸	Comments/Follow-up
Crystal Springs Uplands School	400 Uplands Drive, Hillsborough, CA 94010	NO	Property Owner	7/5/2012	Routine	Infiltration retention system. Location – Onsite, in ground at the southeast side of the school at the athletic turf field.	Proper Installation. The Town Inspector did not observe any potential problems. There weren't any apparent sediment build-up and obstruction from the vegetated buffer strip to the outfall point.	None.	<ul style="list-style-type: none"> • Installed 9/8/2009. • This system will be inspected by Town Inspector prior to the wet-season of 2012. The Town will inspect treatment system annually, as directed by the Board.

³³ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

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

³⁵ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³⁶ 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.

³⁷ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³⁸ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

Reporting Period – December 1, 2011 – June 30, 2012

Project Name & No.	Permittee	Address	Application Submittal Date ³⁹	Status ⁴⁰	Description ⁴¹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁴²	LID Treatment Reduction Credit Available ⁴³	List of LID Stormwater Treatment Systems ⁴⁴	List of Non-LID Stormwater Treatment Systems ⁴⁵
NA	NA	NA	NA	NA	NA	NA	NA	NA	Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and the percentage of total runoff treated	Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received

Comment:
There were no Special Projects approved during the FY 11-12 reporting period.

³⁹ Date that a planning application for the Special Project was submitted. If a planning application has not been submitted, include a projected application date.

⁴⁰ 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.

⁴¹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴² For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴³ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁴⁴ 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.

⁴⁵ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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



Permittee Name: Town of Hillsborough

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

Program Highlights

Provide background information, highlights, trends, etc.

The Town is zoned single-family residential and does not have industrial and commercial developments. The Town does have public and private schools, fire stations and a corporation yard that are institutional and government facilities.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan? **Yes** **No**

If No, explain:

The Town does not have any industrial or commercial sites. The inspections conducted by the San Mateo County Environmental Health are on institutional and governmental facilities to fulfill hazardous materials inspections. In the event that the Town amends its General Plan to allow business facility(ies), the Town has the Business Inspection Plan available to ensure that the inspection(s) conducted will be in compliance with Provision C.4.

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.

Not applicable. Inspections conducted by the San Mateo County Environmental Health ("CEH") are on institutional and governmental facilities to fulfill hazardous materials inspections.

Potential Facilities List, provided by the San Mateo County Environmental Health:

1. Fire Station #32 - 330 Ascot Road, Hillsborough, CA.
2. West Elementary School – 376 Barbara Way, Hillsborough, CA.
3. Benchaya Estate – 835 Chiltern Road, Hillsborough, CA.
4. PG&E Carolands Substation – Skyline Boulevard at Chiltern Road, Hillsborough, CA.
5. North Hillsborough School, Multi-Purpose Building – 303 El Cerrito Avenue, Hillsborough, CA.
6. Hillsborough Corporation Yard – 1320 La Honda Road, Hillsborough, CA.
7. William Crocker Intermediate School – 2600 Ralston Avenue, Hillsborough, CA.
8. Nueva School – 6565 Skyline Boulevard, Hillsborough, CA.
9. Crystal Springs Uplands School – 400 Uplands Drive, Hillsborough, CA.

Permittee Name: Town of Hillsborough

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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.

Not applicable.

Please note that the Town is contracted with the ("CEH") for stormwater inspections to institutional and governmental facilities and scheduled inspections are available upon request.

C.4.c.iii.(1) ► Facility Inspections

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

0	Permittee reports multiple discrete violations on a site as one violation.
0	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	1	
Total number of inspections conducted	1	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	0	100%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0	100%
Comments: Not applicable. Please note that the Town is contracted with the CEH for stormwater inspections to institutional and governmental facilities and frequency of inspections is available upon request. The noted inspection is based on inspections conducted by the CEH.		

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. active non-stormwater discharge or clear evidence of a recent discharge)	0

Permittee Name: Town of Hillsborough

Potential discharge and other	0
Comments:	

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) ⁴⁶	Number of Enforcement Actions Taken	% of Enforcement Actions Taken⁴⁷
Level 1	A verbal warning is enforced for threatened violations due to inadequate housekeeping, lack of appropriate BMPs to prevent pollution, or threatened non-stormwater discharges disallowed by MRP.	NA	NA
Level 2	A written warning/notice of violation is issued for minor violations or if the response to a verbal warning is inadequate. A written warning may be in the form of a written inspection report, such as a completed Standard Stormwater Facility Inspection Report Form; letter; or checklist that describes violations, expected corrections, and schedule for correction.	NA	NA
Level 3	A Stop Work Notice is issued for major violations or if the response to written warning is inadequate. A stop work order to cease all activities on the site except for activities related to the correction of violation(s)	NA	NA
Level 4	Legal action is pursued for the most serious violations including where the response to the notice to comply is inadequate. These types of violations are referred to code enforcement officer and city attorney for civil and criminal prosecution.	NA	NA
Total		NA	NA

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 Category⁴⁸	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Not applicable.	Not applicable.	Not applicable.

⁴⁶ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁷ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴⁸ List your Program's standard business categories.

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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:

Not applicable. No industries identified as non-filers are within the Town's jurisdiction.

C.4.d.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Not applicable.	Not applicable.	Not applicable.	Not applicable.	Not applicable.

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



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

Program Highlights

Provide background information, highlights, trends, etc.

The Town identifies and reports illicit discharges during routine stormwater system inspections and through municipal maintenance staff and Town residents' observations. The SmartCover® management tool is utilized by Town staff for its sanitary sewer system. The SmartCover® is a self contained, wireless level monitoring system with immediate alarming and historical data logging capabilities. The immediate alarming is based on high water level along with historical level data trending enabling Town Staff to dispatch for assessment to prevent illicit discharges. The Town also utilizes a smartphone application, SeeClickFix and other social networking sites such as Twitter and Facebook for the public to report any potential detection of illicit discharge.

In addition, the police department, maintenance crews, public works designee, County Health Department and/or fire department collaborate on and report to the location as needed and conduct necessary assessment and corrective BMPs. All corrective BMPs required are completed in a timely manner. At time of incident, the Town Inspector provides an overview of the situation and distributes SMCWPPP BMP materials on illicit discharge to all affected residents and contractors. Details of further enforcement procedures are implemented through the ERP.

Town Staff participated in SMCWPPP's Commercial/Industrial and Illicit Discharge Subcommittee.

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
Craig West	Public Works Supervisor	(650) 375-7444
Gary Francis	Public Works – Street Department Supervisor	(650) 375-7506

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:

Not applicable. The Town does not have mobile business(es) within Town's jurisdiction and does not participate with the Mobile Business Program. However, if the Town were to receive an inquiry from a mobile surface cleaner, they would be referred to the BASMA Mobile Surface Cleaners Program for training.

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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:

The Town inspects its stormwater system and strategic outfalls at the end of each dry season in preparation for wet season weather. It inspects for potential illicit discharges during these maintenance inspections. If the Town inspector discovers an illicit discharge, he or she completes a storm system screen form provided by the SMCWPPP. Additionally, the Town utilizes other maintenance activities to survey the collection system for illicit discharges and illegal dumping. Those activities include: surface detection; flushing and closed circuit television inspections, as necessary; and conveyance inspection and cleaning. The Town's stormwater flows through tributary areas of the Easton, Sanchez, Burlingame, Borel and San Mateo Creeks. The frequency of surveys for maintenance and/or repairs necessary to the collection system is based on major outfalls and areas that have historic problems and areas that are susceptible to flooding. All current surveys are documented using work orders and will implement the screening form developed by SMCWPPP on forthcoming years.

The Town also identifies illicit discharges through surface detection. Typically, the source of discharge can immediately be located and the discharge property eliminated. During this process, the Town instructs the public to utilize proper BMPs for any anticipated or future potential discharge to avoid further enforcement action.. The SeeClickFix and SmartCover® screening programs continue to provide effective communication to Town Staff from the public. The Town continues to be proactive which provides a more effective approach in the screening program.

The Town's collaborative efforts with each department continue to be very effective. When an illicit discharge is detected, the Town responds in a very aggressive and responsive manner. For example, the public works vacuum truck is dispatched immediately to vacuum the illicit discharge and prevent it from reaching the storm drains. Vacuum trucks, sand bags, grease absorption rags and emergency spill kits are utilized. A Town representative performs thorough investigations to ensure that discharge is clear from receiving water bodies. Details of further enforcement procedures are implemented through the ERP.

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))	0	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	100%
Discharges resolved in a timely manner (C.5.f.iii.(3))	NA	NA

Comments:

There were no illicit discharges detected during the FY 11-12 reporting year.

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

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

Based on data from previous reporting year, the Town will continue to detect typical discharges: 1) construction and maintenance materials by private developments; 2) private homeowners' activities, such as washing paint at the curbside, and 3) landscaping debris.

Section 6: Provision C.6 Construction Site Controls



Section 6 – Provision C.6 Construction Site Controls

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)
6	1	50
<p>Comments: The Town conducts wet weather inspections on all active construction sites. One site disturbed one acre or more. None were determined to be high priority during the FY 11-12 reporting year.</p>		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations⁴⁹	% of Total Violations⁵⁰
Erosion Control	4	13%
Run-on and Run-off Control	2	100%
Sediment Control	10	26%
Active Treatment Systems	0	100%
Good Site Management	6	52%
Non Stormwater Management	0	9%
Total	22	100%

⁴⁹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

⁵⁰ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵¹	Number Enforcement Actions Taken	% Enforcement Actions Taken⁵²
Level 1	A verbal warning is enforced for threatened violations due to inadequate housekeeping, lack of appropriate BMPs to prevent pollution, or threatened non-stormwater discharges disallowed by MRP.	0	100%
Level 2	A written warning/notice of violation is Issued for minor violations or if the response to a verbal warning is inadequate. A written warning may be in the form of a written inspection report, such as a completed Standard Stormwater Facility Inspection Report Form; letter; or checklist that describes violations, expected corrections, and schedule for correction.	22	100%
Level 3	A Stop Work Notice is issued for major violations or if the response to written warning is inadequate. A stop work order to cease all activities on the site except for activities related to the correction of violation(s)	0	100%
Level 4	Legal action is pursued for the most serious violations including where the response to the notice to comply is inadequate. These types of violations are referred to code enforcement officer and city attorney for civil and criminal prosecution.	0	100%
Total		22	100%

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
Comment: As mentioned in section C.5 for there was no illicit discharges detected during the FY 11-12 reporting year.	

⁵¹ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵² Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

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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)	22	100% ⁵³
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	100% ⁵⁴
Total number of violations for the reporting year⁵⁵	22	100%
Comments:		

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.).
<p>Description:</p> <p>All reported violations were minor in nature with no illicit discharges found at any construction site during the reporting year. The most common issue discovered during site inspections is a failure to maintain the site. Most sites have erosion control materials on site and/or previously installed materials that need to be replaced or maintained. Other issues discovered are improper tree protection and gravel bags installed incorrectly at nearby storm drain catch basins. Corrections on written notices are completed in a timely and diligent manner. The Town continues to remind contractors, developers, applicants and homeowners about dust control requirements and to cover stockpiles at the end of the day.</p>

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.
<p>Description:</p> <p>The Town's inspection program is very effective. The Public Works and Building Departments work collaboratively to ensure that all sites categorized as high priorities sites are in full compliance. In addition, the Building Department continues to implement MRP requirements for sites that are not categorized as high priority and for sites disturbing one acre or more. A shared tracking file is updated as inspectors complete their inspections so full implementation of MRP requirements is achieved. Communication between the two Departments is maintained for</p>

⁵³ 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.

⁵⁴ 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.

⁵⁵ 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.

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effectiveness. Also, copies of the construction inspection report is maintained and provided to each Department for file.

The Town Staff continues to participate in the Countywide Program's New Development Subcommittee.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Stormwater Orientation Training	January 25, 2011	<ul style="list-style-type: none"> • Regulatory background and overview of requirements of municipal stormwater permits including the municipal regional stormwater regional stormwater permit. • Countywide program, regional, and local roles. • Specific municipal regional stormwater permit requirements, responsible subcommittees/work groups, and compliance resources. • Useful websites, resources and training sponsored by the California Stormwater Quality Association, California Water Environmental Association. 	1	33%

Comments:

Typically, Town staff conducting construction stormwater inspections attend training for construction site controls biannually. During the FY 11-12 reporting period, Town Staff completed construction site controls training. The remainder of Town Staff will attend training during FY 12-13.

Section 7: Provision C.7 Public Information and Outreach



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 separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign:

- BASMAA Youth Litter Campaign Report

C.7.b.iii.1 ▶ Pre-Campaign Survey

(For the Annual Report following the precampaign survey) 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:

The following separate report developed by BASMAA summarizes the pre-campaign survey conducted in FY 11-12:

- BASMAA Youth Litter Campaign Report

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

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	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 separate report developed by BASMAA summarizes media relations efforts conducted during FY 11-12:

- BASMAA Media Relations Final Report FY 11-12

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This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of Program's FY 11-12 Annual Report."

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

Town's contact info has not changed from FY 09-10 and years thereafter. A summary of efforts conducted by the countywide program to publicize stormwater points of contact is included within the C.7 Public Information and Outreach section of the countywide Program's FY 11-12 Annual Report.

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
<p>Countywide Event</p> <p>The following citizen involvement events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Countywide Program's FY 11-12 Annual Report:</p> <ol style="list-style-type: none"> 1. Coordination of California Coastal Cleanup Day in San Mateo County, September 17, 2011. 	<ol style="list-style-type: none"> 1. The Coastal Cleanup Day (CCD) is an international event. CCD is a volunteer event focused on cleaning up the marine environment. The CCD event attracted school children, local families and homeowners. The CCD not only helped with debris removal from the waterways and streets but also created community awareness. <p>The Town promoted the countywide event through distribution of posters throughout Town's public facilities (e.g., Town Hall and Public Works Corporation Yard).</p>	<ol style="list-style-type: none"> 1. Refer to the C.7 Public Outreach section of the Countywide Program's FY 11-12 Annual Report.

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<p>2. Car Wash flyer development with the SMCWPPP.</p>	<p>2. Provided and administered the development of the county Car Wash flyer and distributed publicly at Town Hall and the Public Works Corporation Yard.</p>	<p>2. This flyer was very effective and informative. The public is more aware and educated in regards to the negative effects that car washing may have on waterbody(ies).</p>
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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:
A summary of efforts conducted at the countywide to work with watershed stewardship groups is included within C.7 Public Information and Outreach section of the Countywide Program's FY 11-12 Annual Report.

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
<p>Countywide Event The following citizen involvement events were done on a countywide level by SMCWPPP and are included in the C.7 Public Information and Outreach section of Countywide Program's FY 11-12 Annual Report:</p> <ol style="list-style-type: none"> 1. Coordination of California Coastal Cleanup Day in San Mateo County, September 17, 2011. 	<ol style="list-style-type: none"> 1. The Coastal Cleanup Day (CCD) is an international event. CCD is a volunteer event focused on cleaning up the marine environment. The CCD event attracted school children, local families and 	<ol style="list-style-type: none"> 1. Refer to the C.7 Public Outreach section of the Countywide Program's FY 11-12 Annual Report.

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C.7 – Public Information and Outreach

	<p>homeowners. The CCD not only helped with debris removal from the waterways and streets but also created community awareness.</p> <p>The Town promoted the countywide event through distribution of posters throughout Town's public facilities (e.g., Town Hall and Public Works Corporation Yard).</p>	
<p>2. Administration of a Community Action Grant program</p>	<p>2. This program informs the public that the SMCWPPP offers grants available to volunteer groups, teachers, environmental organizations and other local, not-for-profit associations interested in development and/or implementing projects that improve the quality of local creeks. Summary of grant awards is available at the countywide program website.</p>	<p>2. Refer to the C.7 Public Information and Outreach section of Program's FY11-12 Annual Report.</p>

Permittee Name: Town of Hillsborough

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
<p>The Town continues to partner with SMCWPPP for school assemblies and classroom presentations.</p> <ul style="list-style-type: none"> The Banana Slug String Band (SMCPPP) <p>Banana Slug String Band School Assembly Performances at Crocker Middle School and West Hillsborough Elementary School, during February 7, 2012 and April 19, 2012, respectively.</p>	<p>Brief description, messages, methods of outreach used with a lively combination of music, theater, puppetry and audience participation, the Banana Slugs duo present a musical adventure about storm drains, recycling, and keeping our water clean. The show is approximately 45 minutes long.</p>	<p>Crocker Middle School – 160; West Hillsborough Elementary School – 460</p> <p>Total = 620 Students</p>	<p>Students and teachers were very engaged during the performance. As a result, high level of interest and knowledge is evaluated. A summary of efforts conducted by the countywide program for school-aged children outreach is included within the C.7 Public Information and Outreach section of the Countywide Program's FY 2011-2012 Annual Report.</p>

Section 8: Provision C.8 Water Quality Monitoring



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 11-12, Hillsborough contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, Hillsborough contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 11-12 Annual Report.

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Section 9: Provision C.9 Pesticides Toxicity Controls

Town of Hillsborough
Public Works Department, Engineering Division
1600 Floribunda Avenue • Hillsborough • CA • 94010
(650) 375-7444 • (650) 548-0849



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Section 9 – Provision C.9 Pesticides Toxicity Controls

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 organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.					
Trends in Quantities and Types of Pesticides Used⁵⁶					
Pesticide Category and Specific Pesticide Used	Amount⁵⁷				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0		
Product or Pesticide Type A					
Product or Pesticide Type B					
Pyrethroids	0	0	0		
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0	0		
Fipronil	0	0	0		

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.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	10
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%

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

⁵⁷ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

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C.9.d ▶ Require Contractors to Implement IPM			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, AND		
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
<p>Comment:</p> <p>The Town verifies IPM contractor performance by hiring professionals that certify they are properly trained and use IPM.</p> <p>The Town is contracted with landscape companies that are a Bay-Friendly Landscape trained for Landscape Maintenance Trained and Qualified ("MTR") and hired to maintain landscaping throughout Town-owned parks and gardens that are accepted due to working solely in landscaping.</p> <p>The Town is contracted Clark Pest Control and they were recognized as an IPM Innovator by the Department of Pesticide Regulation in 2010 in addition to being GreenPro Certified. The Green Pro Certification attached is different from Quality Pro Green (Regional Board staff review cited Quality Pro Green certification). The Green Pro Certification ensures technicians are trained and only make traditional pesticide applications after discussing the options with you and getting your consent.</p>			

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.	
<p>Summary:</p> <p>During FY 11-12, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.</p>	

Permittee Name: Town of Hillsborough

C.9.f ▶ Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?

	Yes	X	No
--	-----	---	----

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

C.9.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 Program's FY 11-12 Annual Report.

- FY 11-12 IPM Store Partnership Program (SMCWPPP)
- FY 11-12 "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:

See the C.9 Pesticides Toxicity Control section of the SMCWPPP Program's FY 11-12 Annual Report for a summary of our participation and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 10-11 Annual Report

Use this area to respond to any Water Board staff comments on Section 9 of your FY 10-11 Annual Report, and refer to any required submittals that are attached.

The Town responded in writing on May 25, 2012 to the May 9, 2012 Notice of Deficiency letter. In that response, the Town outlined its compliance with adopting an IPM Policy and Standard Operating Procedures for Policy Implementation, which requires contractors to be IPM certificated (attached as Attachment C9). In addition, the Town's standard landscape contract has IPM specifications and requirements are attached as Attachment C9).

FY 2011-2012 Annual Report
Town of Hillsborough

ATTACHMENT C9

Pesticides Toxicity Controls

Town of Hillsborough
Public Works Department, Engineering Division
1600 Floribunda Avenue • Hillsborough • CA • 94010
(650) 375-7444 • (650) 548-0849



TOWN OF HILLSBOROUGH

Integrated Pest Management Policy & Standard Operating Procedures for Policy Implementation



Revised October 28, 2011

PREPARED BY:
Town of Hillsborough
Public Works Department
1600 Floribunda Avenue
Hillsborough, CA 94010
(650) 375-7444



Town of Hillsborough Integrated Pest Management Policy

GOAL

The Town of Hillsborough seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control, through the reduced use of pesticides on property owned or managed by the Town to the maximum extent practicable.

Employees implementing pest management operations will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives and, when necessary, employ the least toxic chemicals. Preference will be given to contractors who implement IPM. The Town departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The Town will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.

The Town will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.

The Town will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues.

BACKGROUND

Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria or fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests.

Antimicrobial agents are not included in this definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms. They are used to avoid health hazards and include in-door cleaning, spa and swimming pools, medical sterilizer and sanitizer products.

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest

control materials are selected and applied in a manner that minimizes risks to human health, beneficial and non-target organisms, and the environment.

IPM techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, discing, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

Town owned or managed property includes but is not limited to parks and open space, golf courses, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.



Standard Operating Procedures for Implementation of Integrated Pest Management Policy

OBJECTIVE

To minimize the use and reliance on pesticides that threaten water quality by implementing the Town's policy for integrated pest management (IPM) by all Town employees and contractors hired to manage pests on Town property.

RESPONSIBLE PARTIES

All Town personnel that as part of their municipal job duties are authorized to plan, manage, and control pests including pesticide applications and all Town personnel that administer municipal contracts for applying pesticide on Town property.

CONTRACTS & CONTRACTORS

Contracts shall include a requirement that the contractor shall adhere to the Town's IPM policy. This will be accomplished by using the following procedures:

1. Include a copy of the Town's IPM policy in the contractor solicitation documents, e.g., Request for Proposal or Request for Quote, and make it clear that the pest control services being solicited must comply with the IPM policy.
2. Include a copy of the Town's IPM policy in the contract's specifications.
3. Meet with the contractor to review the Town's IPM policy.

MUNICIPAL EMPLOYEES

Town employees who are authorized to manage pests are required to implement the Town's IPM policy. This will be accomplished by using the following procedures:

1. Use cultural practices and pest prevention measures to minimize the occurrence of pest problems.
2. Set a threshold of tolerance for pests.
3. Use biological and physical controls that are environmentally appropriate and economically feasible to control pests.
4. Use chemical control as a last resort, and then the least toxic product will be used. Where feasible for structural pest control, insecticides will be applied as containerized baits.
5. Avoid the use of pesticides that threaten water quality¹ especially in formulations and situations that pose a risk of contaminating stormwater runoff.

¹ The municipal regional stormwater permit identifies the following pesticides as having a concern to water quality: "organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyfluthrin, beta-cyfluthrin, cypermethrin,

6. Train employees on IPM techniques, pesticides-related stormwater pollution prevention methods, the municipality's IPM policy, and these standard operating procedures.
7. As part of the Town's annual report for the municipal regional stormwater permit, report on the IPM policy's implementation by showing trends in the quantities and types of pesticides used and suggest reasons for any increases in uses of pesticides that threaten water quality¹ (as required by municipal regional stormwater permit Provision C.9.b.).

deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil.” (Provision C.9)

RESOLUTION NO. 11-82

**RESOLUTION OF THE CITY COUNCIL OF THE TOWN OF HILLSBOROUGH
ADOPTING AN UPDATED INTEGRATED PEST MANAGEMENT POLICY**

WHEREAS, the Environmental Protection Agency, under the 1987 amendments to the Federal Clean Water Act, imposed regulations mandating local government control to reduce the amount of stormwater pollutant runoff into receiving waters through compliance with municipal stormwater permits issued under the National Pollutant Discharge Elimination System (NPDES); and

WHEREAS, under the authority of California Porter-Cologne Water Quality Control Act, the State Water Resources Control Board delegated authority to the Regional Water Quality Control Boards to issue NPDES permitting requirements upon counties and cities; and

WHEREAS, in October 2009, the San Francisco Bay Regional Water Quality Control Board adopted a Municipal Regional Stormwater Permit (MRP) under the NPDES program; and

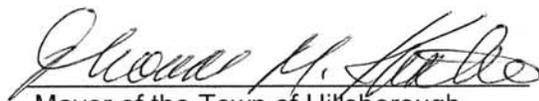
WHEREAS, the MRP includes specific requirements mandating municipalities to adopt Integrated Pest Management policies to limit water quality impacts from municipal pest management activities; and

WHEREAS, the Town of Hillsborough seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as provide sustainable solutions for pest control through the reduced use of pesticides on property owned or managed by the Town to the maximum extent practicable.

NOW, THEREFORE, BE IT RESOLVED, that the City Council of the Town of Hillsborough hereby adopts the updated Integrated Pest Management Policy.



Attest: City Clerk



Mayor of the Town of Hillsborough

This resolution was adopted by the City Council of the Town of Hillsborough at its regular meeting held on the 14th day of November 2011, by the following vote of the members thereof:

AYES: Councilmembers Kasten, Benton, Krolik, Chuang, May

NOES: Councilmembers None

ABSENT: Councilmembers None

ABSTAIN: Councilmembers None



Received

NOV 22 2011

Town of Hillsborough
Public Works Dept.

November 18, 2011

Town of Hillsborough
Attn: Gary Francis
1600 Floribunda Avenue
Hillsborough, CA 94010-6418
Re: 2011 Pre & Post-Emergent Weed Abatement Program

Gary,

Thank you for the opportunity to supply the Town of Hillsborough with weed control services for the 2011 season. Our local branch office is in possession of a map that outlines the area designated for Pre and Post-emergent treatment and, due to our experience with the project, we are familiar with the work to be done. I would like to arrange a pre-application meeting with you to go over the program’s successes and failures from last year and go over the map to ensure its accuracy and add or subtract from it as needed.

The following is an outline of the scope of service for the 2011 weed control program:

- A 2’-8’ bandwidth (varies in different areas), as discussed, of pre and post-emergent weed control material applied to the town’s roadsides immediately following the first soaking rain of Fall 2011 completed as quickly as weather will permit thereafter. Glyphosate Pro 4, a non-ionic surfactant, Pro Spreader, and a Milestone tank mixture will be used. Clark Pest Control will bill the Town of Hillsborough at the rate of \$172 per linear mile of work completed. Each side of the road is billed individually at \$172 per linear mile as each is a separate application.
- Designated tank and pump sites throughout the town will be treated with pre and post-emergent weed control material immediately following the first soaking rain of Fall 2011 completed as quickly as weather will permit thereafter. Pre and post-emergent applications to sites less than one acre in size will be billed at a rate of \$13 per 1000 square feet with a minimum charge of \$100. Pre and post-emergent applications to sites one acre and larger will be billed at a rate of \$10 per 1000 square feet.
- Treatments to easement trails, parking lots, and dam banks will be billed by the linear mile if the bandwidth reaches 8’ or less from the roadside; otherwise, it will be billed by the square foot/acre charge.
- The above prices are guaranteed on all work requested and completed between November 1, 2011 and October 2012

Attached you will find the labels and MSDS’ of all material intended for use in the 2011 weed control program. A PCA recommendation will be attained and submitted to your office prior to the initial application.

Thank you for your continued business. I look forward to working with you again this year.

Sincerely,

A handwritten signature in black ink, appearing to read "Russell S Hayden", written over a white background.

Russell S Hayden
AG Department
Clark Pest Control
650-596-1270 Phone
650-596-8514 Fax
888-595-3800 Cell
r.hayden@clarkpest.com



GREENPRO
Eco-Effective Pest Control

Presenting this certificate of excellence to

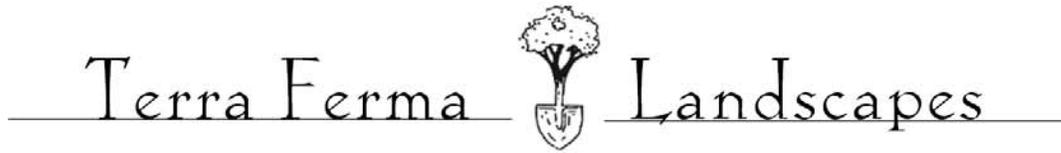
Clark Pest Control

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro requirements for eco-effective pest control.

A handwritten signature in black ink, appearing to read "Andrew Schubert", is written above a horizontal line.

official signature





139 Mitchell Ave., Ste. 220 ■ So. San Francisco, Ca 94080 Office: 415-929-0333 ■ 650-952-5659 Fax: 650-952-0667

LANDSCAPE MAINTENANCE CONTRACT

Client Name: **Town of Hillsborough** *Date:* **10-16-09**
Billing Address: **1600 Floribunda Ave.** *Telephone:* **650-888-4161**
Hillsborough, CA. 94010 *E-Mail:* **gfrancis@hillsborough.net**
Contact: **Gary Francis**
Job Address: **Hillsborough Town Hall**

The undersigned agrees to furnish and provide necessary labor, materials, tools, implements and appliances to perform and complete in a good workmanlike manner the following landscape management services as per specifications below:

DUTIES:

- ~ Includes pruning of shrubs & hedges as necessary (does not include any trees over 10' in height).
- ~ Includes pruning and training of all vines.
- ~ Includes necessary weed abatement throughout property.
- ~ Includes blowing and clean up of leaves and debris throughout property.
 - Includes blowing inside police department parking area.
- ~ Includes monitoring of irrigation system and automatic timers.
- ~ Includes regular dead-heading of flowers and perennials.
- ~ The following work is not included in the regular maintenance and will be carried out as extra maintenance work according to our current labor rates: pest control & fertilizing, pruning of trees over 10', annual color planting, irrigation repairs, and hand watering.

Any alterations or deviations from the above, involving extra time and cost, will become an extra charge according to the attached rate sheet.

Frequency of Maintenance: Weekly

Total Charge per Month: \$690.00

Term of Payment as Follows: Due upon receipt of invoice

ACCEPTANCE

You are hereby authorized to furnish all materials and labor to complete the work mentioned in the above proposal which we agree to pay the amount mentioned in the said proposal and in accordance with the terms thereof:

Signed: _____ **Date:** _____

NOTICE: "Under the Mechanics Lien Law, any contractor, subcontractor, laborer, supplier, or other person who helps to improve your property but is not paid for his work or supplies, has the right to enforce a lien against your property."

For better quality, please visit

http://www.bayfriendlycoalition.org/QPdirectory.php?®ion=10&sort=last_name¤tPage=2



BAY-FRIENDLY LANDSCAPING & GARDENING COALITION

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[Sponsors](#)

[Contact Us](#)

Find a Bay-Friendly Qualified Professional



Bay-Friendly Qualified Landscape Professionals

These Bay-Friendly Qualified Landscape Professionals have participated in a comprehensive training program and are enthused about offering a holistic approach to the management of your landscape. They have mastered the instruction to help them work with nature to reduce waste, conserve valuable resources, and prevent pollution – nurturing a landscape that is as healthy as it is beautiful!

Instructions

Bay-Friendly Qualified Professionals - Update your contact information by [logging in here](#).

For those searching for a landscape professional, please use the filters below to search by region, service type, or Bay-Friendly Qualification. Simply hover over each filter to activate the pop-up selections available to choose. Click on "Clear filters" at top to clear all prior selections.

Note that our Qualifications are designated by the following abbreviations:

- MTQ = Landscape Maintenance Trained & Qualified
- DTQ = Landscape Design Trained & Qualified
- Rater = Rated Landscapes Third-Party Qualified Rater
- Advisor = Rated Landscapes Third-Party Qualified Advisor

If you click on the professional's name, a detailed profile window will open with more information. Click anywhere outside this window to return to the main page.

[Koch, Brian](#)
- MTQ

Terra Ferma Landscapes,
Inc.

Design
Construction
Maintenance

briankoch@tflandscapes.com
work: 415-929-0333
cell:



TOWN OF HILLSBOROUGH Public Works Department

Scope of Work for IPM Pest Control Services

The Town of Hillsborough (Town) has an Integrated Pest Management (IPM) Policy. The Town's IPM policy strives to promote IPM strategies to improve water quality in local creeks and the Bay, and independent of the policy, minimizes health hazards to people from pesticide exposure. IPM emphasizes the use of extensive knowledge about the target pests, such as infestation thresholds, life histories, environmental requirements and natural enemies to compliment and facilitate biological and other natural control measures of pests. IPM uses the least toxic pesticides only as a last resort for controlling pests.

Service provider shall conform to Town's IPM Policy in the following manner:

1. Furnish all supervision, labor, materials, and equipment necessary to evaluate, monitor, and provide pest management services for the Town of Hillsborough buildings, parks and landscape areas.
2. Whenever feasible, utilize pest management techniques that employ least toxic chemicals and non-pesticide alternatives.
3. Using IPM strategies, control structural pests that include:
 - a. Insects and other arthropods: These include ants, cockroaches, yellow jackets and other wasps and bees, and any other arthropod pest not specifically excluded from the contract.
 - b. Mice and rats: Adequately suppress rats and mice found inside and outside buildings. Service pick-up and proper disposal of dead vertebrates.
 - c. Pests excluded from service:
 1. Termites and other wood destroying organisms
 2. Mosquitoes (mosquito abatement)
 3. Pests that primarily feed on outdoor vegetation unless they are invading a structure
 4. Birds, bats, snakes and all other vertebrates not listed above



TOWN OF HILLSBOROUGH Public Works Department

- d. Removal of stinging insects: service provider will remove nests of stinging insects within the property boundaries of specified buildings. Identify options where bee hives can be relocated and not destroyed.
 - e. Reduce pest problem hotspots with the goal of solving structural and hygiene challenges so that facilities currently requiring a monthly service can reduce their service needs.
4. Control pests while minimizing human exposure, secondary poisoning to non-target animals and pesticide-related water pollution by adhering to the following conditions:
- The following products may not be used for insect control:
 - Products with the active ingredient on the list of chemicals that are known to the State of California to cause cancer or reproductive toxicity (Prop 65).
 - Organophosphate products (e.g., diazinon or chlopyrifos)
 - Carbamate products (e.g., carbaryl)
 - Pyrethroid products (e.g., Allethrin, Beta-Cyfluthrin, Bifenthrin, Cyfluthrin, Cypermethrin, Deltamethrin, d-trans allethrin, Esbiothrin, Esfenvalerate, lambda-Cyhalothrin, Permethrin, Phenothrin, Prallethrin, Resmethrin, s-Bioallethrin, Sumithrin, Tau-Fluvalinate, Tetramethrin, Tralomethrin)
 - Fipronil
 - Containerized baits are preferred for ant control
 - No spray insecticides may be used except insecticidal soaps and plant-based products (e.g., pyrethrins, mint oil, rosemary oil, etc.). Emergency use of other pesticides may be authorized by the City employee responsible for administering the service agreement (Project Manager).
 - Trapping and exclusion will be the primary rodent control methods. To prevent bait resistance and secondary poisoning, rodent baits will only be used when



TOWN OF HILLSBOROUGH Public Works Department

trapping and exclusion are unsuccessful and in consultation with the Project Manager.

- No outdoor applications of pesticides of any kind will be applied on impervious surfaces when a 40% or greater chance of rain is forecast within three days unless the pesticides are containerized baits that will not contribute to runoff pollution.
 - Prior to application, notify manager or supervisors overseeing the employees in the working areas that are to be treated with any pest control product other than containerized baits. New products that the service provider may wish to use mid-contract must be approved by the Project Manager prior to use.
5. Respond to new or emergency pest management requests within 24 hours of service call.
 6. Reduce pest populations at sites designated by the Project Manager that have historically had regular pest problems requiring periodic service with the goals of:
 - a. Reducing the frequency and severity of pest problems using IPM strategies,
 - b. Reducing access and favorable conditions that support pests, and
 - c. Reducing need for monthly pesticide applications. If the City does not provide the repairs or hygiene needed, the service provider is not responsible for the continuation of pest problems. Frequency of site visits may be reduced or eliminated at the discretion of the Project Manager when pest problems subside.
 7. Contractor shall obtain and comply with pest specific to the Town's accepted Best Management Practices (BMPs) such as www.cabmphandbooks.com and Standard Operating Procedures (SOPs) stated within the Town's IPM Policy. If contractors wish to propose the use of other BMPs and SOPs, the contractor must submit a copy of the proposed BMPs and SOPs in writing to the contract manager for review and approval. Town approval of BMPs and SOPs will be based on degree of conformance with the Town's IPM Policy, MP and SOPs.
 8. Pest management and pesticide use tracking and reporting. The following records will be kept and procedures followed while servicing these sites:



TOWN OF HILLSBOROUGH Public Works Department

- a. *Inspection Report.* Provide inspection and service receipt to Project Manager or their designee after each site visit.
- b. *Pesticide Use Report.* Provide monthly pesticide reporting information using the standard California Department of Pesticide Regulation form PR-ENF-060 or equivalent. The Pesticide Use Report shall contain the following information:
 1. Date and time of pesticide application or service,
 2. Site of the pesticide application (and Project ID/Purchase order, if applicable),
 3. Manufacturer and name/formulation of product applied,
 4. Pesticide EPA registration number,
 5. Targeted pest,
 6. Amount of product applied,
 7. Town generated work order with reference number,
 8. Date of time of receipt of request and to include the following:
 - i. Name of site contact
 - ii. Prevention and other non-chemical methods of control use
 - iii. Recommendations for further prevention
 - iv. Recommendation for continued treatment based on IPM (including cause of problem source of pest entry to facility, etc.)
 - v. Square footage of area serviced
 9. The Town may with hold payment for services until the report for the invoice month is received and approved. The report shall



TOWN OF HILLSBOROUGH Public Works Department

include location inclusive of the contract agreement with the Town of Hillsborough.

9. Proof of Qualifications

- a. Service provider will be in compliance with all federal, state, and local pest control operator requirements and regulations and maintain current licenses. Service provider will be IPM-certified. Service provider for landscaping shall be trained by a professional company such as the Bay-Friendly Landscaping and Gardening Coalition. The following firms offer instruction and certification determined by the Regional Water Quality Control Board to satisfy standards of training for IPM:

1. Eco Wise Certified. <http://ecowisecertified.org/index.html>
2. Green Shield. <http://www.greenshieldcertified.org/getcertified/>
3. GreenPro. <http://www.npmagreenpro.org/>
4. Bay-Friendly Landscaping & Gardening Coalition.
<http://bayfriendlycoalition.org/>

This is not intended as an endorsement of any particular firm. To determine if other firms may offer qualifying training, please contact the Regional Water Quality Control Board at 510-622-2300, or info1@waterboards.ca.gov.



TOWN OF HILLSBOROUGH Public Works Department

Scope of Work for IPM Pest Control Services

The Town of Hillsborough (Town) has an Integrated Pest Management (IPM) Policy. The Town's IPM policy strives to promote IPM strategies to improve water quality in local creeks and the Bay, and independent of the policy, minimizes health hazards to people from pesticide exposure. IPM emphasizes the use of extensive knowledge about the target pests, such as infestation thresholds, life histories, environmental requirements and natural enemies to compliment and facilitate biological and other natural control measures of pests. IPM uses the least toxic pesticides only as a last resort for controlling pests.

Service provider shall conform to Town's IPM Policy in the following manner:

1. Furnish all supervision, labor, materials, and equipment necessary to evaluate, monitor, and provide pest management services for the Town of Hillsborough buildings, parks and landscape areas.
2. Whenever feasible, utilize pest management techniques that employ least toxic chemicals and non-pesticide alternatives.
3. Using IPM strategies, control structural pests that include:
 - a. Insects and other arthropods: These include ants, cockroaches, yellow jackets and other wasps and bees, and any other arthropod pest not specifically excluded from the contract.
 - b. Mice and rats: Adequately suppress rats and mice found inside and outside buildings. Service pick-up and proper disposal of dead vertebrates.
 - c. Pests excluded from service:
 1. Termites and other wood destroying organisms
 2. Mosquitoes (mosquito abatement)
 3. Pests that primarily feed on outdoor vegetation unless they are invading a structure
 4. Birds, bats, snakes and all other vertebrates not listed above

Section 10: Provision C.10 Trash Load Reduction



Permittee Name: Town of Hillsborough

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:

The Short –Term Trash Loading Reduction Plan was submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

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 in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

The Baseline Trash Load and Trash Load Reduction Tracking Method was submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

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

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide 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 the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership and an estimate of the total land area that is planned for treatment by July 1, 2014.

Description:

See the C.10 Trash Load Reduction section of Program's FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees." The Town continued to implement enhanced measures

Permittee Name: Town of Hillsborough

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.

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)
HILLS_THS01	NA	NA	NA	NA

Comment:

The above mentioned hot spot is located along the San Mateo Creek which is located in San Mateo County and passes through the Town of Hillsborough and City of San Mateo, parallel to Crystal Springs Road between Crystal Springs Terrace and Merner Road. The hot spot has been established since July 1, 2010 and the Town conducts annual inspections during the summer season.

During FY2011-2012, the Town did not conduct the hot spot cleanup due to current construction of the Crystal Springs Pipeline No. 2 Replacement project by the San Francisco Public Utilities Commission ("SFPUC"), which made the hot spot inaccessible. Chain link fencing installed by SFPUC for the duration of the project protects the hot spot. SFPUC has a full-time biologist on site during the construction project as required by the Mitigated Monitoring and Reporting Plan.

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) ⁵⁸	Estimated Percent Reduction as of FY 11-12 ⁵⁸	Estimated Dominant Types of Trash Removed in FY 11-12
Polystyrene Foam Food Service Ware Ordinance	The Town of Hillsborough passed an ordinance supporting international, federal, and state bans of all uses of chlorofluorocarbons and polystyrene foam. As a result, Town sponsored events or events on Town property are prohibited from using polystyrene based disposable food service ware.	62	2.0%	Polystyrene single use disposable food service ware.
Public Education and Outreach Programs	<p>Youth Outreach Litter Campaign (Region wide)</p> <p>In FY 2011-12, BASMAA began implementing the "Be the Street" anti-litter Youth Outreach Campaign. Be the Street takes a Community Based Social Marketing approach to encourage youth to keep their community clean. The intent of the campaign is to make "no-littering" the norm among the target audience (youth between the ages of 14 and 24). The campaign is using online social marketing tools to conduct outreach. Activities in FY 11-12 included launching a website, Face book page and a quarterly e-newsletter. An "anti-littering" video contest was announced and the winning entry will be promoted on television.</p> <p>Outreach to School age Children or Youth Banana Slug School Assembly Program (Countywide) "Water Pollution Prevention and Your Car" Presentation (Countywide)</p> <p>Through participation and funding of the SMCWPPP Public</p>	249	8.0%	All trash type consisting of paper, plastics, bottles and cans.

⁵⁸The estimated load removed and percent reduction in FY 11-12 is consistent with assumptions described in the Trash Load Reduction Tracking Method Technical Report (version 1.0) submitted to the Water Board on February 1, 2012. In the future, load reductions reported in Annual Reports may be adjusted based on revisions to the tracking methodology.

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) ⁵⁸	Estimated Percent Reduction as of FY 11-12 ⁵⁸	Estimated Dominant Types of Trash Removed in FY 11-12
	<p>Information and Participation program (PIP), the City of Half Moon Bay continued implementing litter reduction outreach to school-age children and youth at school sites. During FY 11-12, SMCWPPP managed two contracts to provide direct outreach to grades K-12 on behalf of all Permittees.</p> <p>The first contract was with the Banana Slug String Band who performed a presentation called “We All Live Downstream” to grades K-5. Through songs and interactive exercises, the presentation provides information about storm drains, watersheds, the marine environment, and tips to keep water clean, including litter prevention. During FY 11-12, the Banana Slug String Band performed 44 assemblies at 28 elementary schools across San Mateo County, reaching nearly 9,315 students. Surveys of the performance and its effectiveness were sent to each school. A total of 21 schools responded with 1,216 student responses. Overall, the responses have been very positive and indicate an increase in the students’ knowledge about watersheds, stormwater and pollution prevention.</p> <p>The second contract was with Rock Steady Science, who presented “Water Pollution Prevention and Your Car” to grades 10-12. A portion of the presentation is dedicated to watershed and storm drain education, and the impact of litter on local creeks and waterways. The presentations began during the Spring Semester of the 2010-11 school years and continued through the 2011-12 fiscal/school year. A total of 50 presentations were given in 22 different schools located throughout the county, reaching over 1,350 students. (Note: some cities in San Mateo County do</p>			

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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	<p>not have high schools, and their students feed into high schools in neighboring cities.)</p> <p>Coastal Cleanup Day Promotion (Countywide)</p> <p>On the countywide level, SMCWPPP provided a press release for Coastal Cleanup Day, and used Twitter to promote the event on August 29, 2011. The release was intended to gain support and assistance for the cleanup event conducted each September in local water bodies.</p> <p>Community Outreach Events San Mateo County Fair, June 9-17, 2012 (Countywide)</p> <p>SMCWPPP, through its PIP program, conducted a countywide outreach event at the San Mateo County Fair, June 9-17, 2012. The booth was open to the public for a total of 95 hours during the nine days. Staff from nine jurisdictions and County Environmental Health worked the booth at select times each day for a total of 57 hours of staffed time. Based on representative sampling of the number of people who visited the booth, it was estimated that an average of 34 people per hour were directly contacted during the hours that staff was present. Using this averaging, it is estimated that approximately 1,938 people were directly contacted during the 57 staffed hours. The booth provided an introduction to the "Be The Street" anti-litter Youth Outreach Campaign. During the fair, 81 people signed up for the Campaign e-newsletter.</p>			

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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	<p>Spring Cleanup Promotional Program (Countywide)</p> <p>In FY 11-12, SMCWPPP launched “Spring Cleaning SMC” a new annual promotional campaign designed to provide an outlet for watershed stewardship groups and jurisdictions to promote small local trash cleanup events. It is promoted as a cleanup “season,” from March 21 to June 21, including all Earth Day events that take place in late April. SMCWPPP developed a web page on www.flowstobay.org dedicated to posting cleanup events during this time period. Promotional newspaper advertisements and bus ad cards were developed and placed in newspapers and busses throughout the county, directing the public to the web page. A total of 18 spring cleanup events were posted during the spring season.</p> <p>Groups and jurisdictions were asked to provide cleanup data. Reports showed that 385 volunteers removed 1225 pounds of trash, and an additional report indicated that 672 gallons was removed. The actual numbers are likely to be higher since some groups did not provide cleanup data.</p> <p>The Town promoted the countywide efforts: Coastal Cleanup Day and County Fair Event; participated in the Cleanup Day Event; maintained and replaced storm drain inlet markings.</p>			

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) ⁵⁸	Estimated Percent Reduction as of FY 11-12 ⁵⁸	Estimated Dominant Types of Trash Removed in FY 11-12
Anti-littering and Illegal Dumping Enforcement Activities	<p>The Town has adopted a basic anti-littering and illegal dumping enforcement program that entails receiving and responding to complaints from citizens as resources allow. The Town's enforcement program is part of the Municipal Code under the Nuisance Chapter. The Town currently has a successful implementation of an active anti-littering and illegal dumping enforcement program. The program includes thorough investigations of complaints received for an illegal dumping from the Public Works, Police and Building Departments. Implementation of enforcement procedures includes citations (as warranted), and the collection of evidence from illegal dumpsites in an attempt to identify offenders.</p> <p>Town will implement installation of physical barriers (e.g., fences, walls) or physical improvements (e.g., maintenance) which eliminate or deter illegal dumping at high priority sites identified within the Town's jurisdictional areal prior to July 1, 2014.</p>	125	4.0%	All trash type consisting of paper, plastics, bottles and cans.
Improved Trash Bins/Container Management	<p>The Town is zoned single-family residential. The Town implements improved trash bins management with the garbage/recycling company, Recology, which serves the Public Works Corporation Yard and other Town-owned facilities.</p> <p>As part of the Town's strategic plan, the Town will continue to collaboratively work with all departments to identify whether public area trash containers are sufficiently located near parks and Town-owned areas.</p>	125	4.0%	All trash type consisting of paper, plastics, bottles and cans.

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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On-land Trash Cleanups	<p>The Town implemented the following on-land cleanup activities prior to the effective date of the MRP. The Town currently conducts on-land cleanups from an identified trash hot spots through Municipal efforts on an annual basis. In addition, the Town conducts daily cleanups at public parks. These control measures are considered baseline because they were accounted for in the preliminary trash generation rates established through the BASMAA Baseline Trash Loading Rates Project.</p> <p>Prior to July 1, 2014, the Town will be conducting or coordinating new or enhanced on-land trash cleanup activities listed below:</p> <ul style="list-style-type: none"> - Routine or regularly scheduled litter pick-up and removal - Illegal dump site response and abatement - Interagency cleanup coordination and cleanup - Litter pick-up event coordination and cleanup <p>The Town will be conducting or coordinating new or enhanced on-land trash cleanup activities by volunteers listed below:</p> <ul style="list-style-type: none"> - Organize single-day cleanup events at high-priority sites - Organize routine cleanups at the hot spot <p>These on-land cleanups will be conducted or coordinated each year and the volume of trash removed will be tracked to demonstrate trash loads reduced. Please note that only trash that has the potential of entering the MS4 will be tracked. As a result, large items (e.g., appliances, shopping carts, furniture, mattresses, televisions, tires, lumber, etc.) removed during on-land trash cleanups are not part of the volume determination since they do not have the potential of entering the MS4.</p>	84	2.7%	All trash type consisting of paper, plastics, bottles and cans.

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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Enhanced Storm Drain Inlet Maintenance	<p>The Town currently maintains and removes material from storm drain inlets at least once per year. This baseline frequency is consistent with the frequency of storm drain inlet maintenance in the Town prior to the effective date of the MRP.</p> <p>A total of 1,148 storm drain inlets will be maintained in the Town at higher frequencies prior to July 1, 2014.</p> <p>For the upcoming year, the Town will be implementing a computerized maintenance management system ("CMMS") software that will improve scheduling of storm drain maintenance. The Town will effectively design a plan to schedule increased cleaning activities to 30% - 40% above the baseline implementation. The enhanced frequency of maintenance and associated effectiveness ratings will be used to calculate loads reduced from enhanced maintenance. This load reduction calculation method is consistent with the trash load reduction tracking method (BASMAA 2011e).</p>	10	0.3%	Debris and various trash types.
Creek/Channel/Shoreline Cleanups	The Town did not conduct the annual Trash Hot Spot Cleanup. Refer to comment in section C.10.b.iii.	NA	NA	NA
Preliminary Estimate of Trash Load Removed (Gallons) in FY 2011-12		655		
Preliminary Baseline Trash Load Estimate (Gallons)		3,117		

Permittee Name: Town of Hillsborough

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

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Preliminary Percent Trash Load Reduction in FY 2011-12 (Compared to Baseline Trash Load)		21.0%		

Section 11: Provision C.11 Mercury Controls



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).

The Town continues to promote the Household Hazardous Waste (HHW) programs. The program promotes HHW drop-off events and local businesses that provide residents the opportunity to drop-off of mercury-containing devices and equipment (e.g., bulbs, thermostats, thermometers and/or switches). The Town's promotion efforts are through web postings, available at http://www.hillsborough.net/about/sustainable_hillsborough/default.asp, Town newsletters, water quality reports, and posting on maintenance vehicles. The Town participates in a Door-to-Door Household Hazardous Waste that's sponsored by RecycleWorks, a San Mateo County program and the RethinkWaste program as contracted by the Town's reuse company, Recology. Public education information in forms of flyers, brochures and pamphlet is also available to the public and Town residents at Town Hall.

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.

Please refer to the FY 2011-2012 Countywide Program Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the Countywide Program area.

- 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 countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 2011-2012 Annual Report and/or the BASMAA Regional POC Report.

Section 12: Provision C.12 PCBs Controls



Section 12 - Provision C.12 PCBs Controls

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:

See the FY 11-12 Program Annual Report for a description of training provided countywide at the April 25, 2012 Stormwater Inspector Training Workshop. The Town is zoned single-family residence. If at any time proper PCBs Controls is required, the Town is well aware of proper implementation.

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 countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

FY 2011-2012 Annual Report
Town of Hillsborough

Section 13: Provision C.13 Copper Controls

Town of Hillsborough
Public Works Department, Engineering Division
1600 Floribunda Avenue • Hillsborough • CA • 94010
(650) 375-7444 • (650) 548-0849



Section 13 - Provision C.13 Copper Controls

C.13.a. iii.(1) ► Legal Authority: Architectural Copper

<i>(For FY 10-11 Annual Report only)</i> 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?	X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year.

C.13.a.iii.(2) ► Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- **Development of BMPs.** The Countywide Program collaborated with BASMAA to develop BMPs to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post construction.
- **Permitting Procedures to Require the BMPs.** The Countywide Program updated its Stormwater Requirements Checklist to include the architectural copper BMPs in the list of source controls measures that may apply to projects. The Town distributes the Countywide Program's stormwater requirements checklist during the project plan review process that includes course control BMPs for architectural copper.
- **Educate Installers and Operators.** The Countywide Program, in collaboration with the Santa Clara Valley Urban Runoff Pollution Prevention Program, prepared an educational flyer on the BMPs. The flyer is made available publicly, at the Building and Planning Department. It is given to any applicants incorporating architectural copper into their projects and to contractors that are installing architectural copper and/or maintaining architectural copper.
- **Enforcement Actions against Noncompliance.** Enforcement actions for non-compliance will follow the Town's ERP which includes Level 1-4 enforcement and is based on the type of violation noted. There were no enforcement actions for non-compliance of architectural BMPs during FY 11-12 reporting year.

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

<i>(For FY10-11 Annual Report only)</i> Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year:

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

C.13.d.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

Not applicable. The Town is zoned single-family residence and does not have industrial businesses.

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

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary

A summary of the Countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 2011-2012 Annual Report and/or BASMAA Regional POC Report.

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



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

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

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

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



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 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. Provide any clarifying comments below.

Comments:

Planned Discharges

The Town of Hillsborough conducts four water flushing maintenance programs: (1) Unidirectional Flushing ("UDF"), (2) Water Quality Flushing, (3) Auto Flushing Program and (4) Fire Flow Program. The Water Quality and Auto Flushing Programs are conducted on dead-end (i.e., cul-de-sacs) water mains in order to ensure that all water quality parameters are met and that the Town is providing safe water to the public. UDF flushing is conducted throughout the distribution system in order to remove sediment and buildup from within water pipes. Water deployed to atmosphere from these three maintenance programs is tested for the parameters of total chlorine, turbidity, pH and temperature. The Fire Flow Program is required and determines the flow rate on a hydrant when fully open in case of an emergency situation. All water deployed to atmosphere during all of the above maintenance flushing programs flows through a dechlorination basket or diffuser, which contains dechlorination tablets. Water flowing through diffusers is tested prior to entering the storm drain system to confirm that chlorine is not detected.

In addition, in February 2011 the Town purchased a mobile water flushing and filtration system called "NO-DES". The NO-DES unit captures, filters, treats and returns flushed water back to the water distribution system instead of discharging it to the atmosphere, onto the street and into the storm drain system. The result is that the NO-DES system virtually eliminates all discharge into storm drain from unidirectional and other select water flushing activities. The only water lost is the water contained within the fire hoses that run from the NO-DES unit to the fire hydrants. This effectively means that the NO-DES unit takes a unidirectional flushing discharge event that would typically introduce anywhere from 10,000 to 100,000 gallons or more of water into the storm drain system and reduces it to a several hundred gallon flushing event. As such, NO-DES flushing events should be considered non-reportable events and exempt from associated reporting requirements.

Unplanned Discharges

Unplanned discharge events in Hillsborough are typically water main breaks. When water main breaks occur, dechlorination baskets are deployed, storm drain protection BMPs are implemented and testing conducted. The Town is currently recording applicable parameters as provided on table C.15.b.iii.(1).

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 of Hillsborough recognizes the importance of water conservation and continues to offer the following water conservation resources and programs:

- Free Water Wise Gardening Web and DVD Resource. Available online. Provides tips for conserving outdoor water.
- The Town Water Conservation Garden. The Town maintains a Water Conservation Garden that demonstrates low water landscaping concepts. Residents can visit the garden to learn how you to incorporate water conservation concepts in their own landscaping.
- Water and Energy Efficiency Rebates. Hillsborough participates in a washer rebate program that has funded over 400 high efficiency washers since January 2002.
- Green Building Ordinance. The Town's Green Building Ordinance requires that indoor and outdoor water conservation measures be implemented during all new construction and major renovations and remodels. The ordinance can be found at <http://www.hillsborough.net/civica/filebank/blobdload.asp?BlobID=3921>.
- Water Efficiency in Landscape Ordinance ("WELO"). The Town's WELO requires all new construction projects and major landscaping projects to design water efficient landscapes and irrigation systems, in compliance with California State Assembly Bill 1881, Section 65597 - "The Water Conservation in Landscaping Act." Applicable projects must submit an Outdoor Water Use Efficiency Checklist and receive inspections to demonstrate compliance. Details can be found at <http://www.hillsborough.net/civica/filebank/blobdload.asp?BlobID=4357>
- NO-DES. As mentioned in summary of Section C.15.b.iii, the NO-DES flushing unit eliminates water waste during UDF and select water maintenance flushing activities conducted by Public Works.
- The Town's strives to ensure that adverse impacts are eliminated from irrigation water and landscape irrigation through improvements on codes and ordinances and implement enforcement(s) through the ERP for ongoing of large volume of landscape irrigation runoff.

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Anguido Ct.	Potable Water	Borel Creek	7/10/11	10	5,100	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Annescourt	Potable Water	Sanchez Creek	7/10/11	10	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Anson	Potable Water	San Mateo Creek	7/10/11	20	3,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Avondale	Potable Water	San Mateo Creek	7/10/11	40	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Baywood	Potable Water	San Mateo Creek	7/10/11	30	1,209	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bella Vista	Potable Water	Easton Creek	7/19/11	50	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bella Vista Rd.	Potable Water	Easton Creek	7/19/11	30	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bella Vista Rd.	Potable Water	Easton Creek	7/19/11	0	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Berryessa Ct.	Potable Water	San Mateo Creek	7/19/11	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

⁵⁹ Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
Redwood Dr.	Potable Water	San Mateo Creek	7/19/11	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Black Mountain Rd.	Potable Water	San Mateo Creek	7/22/11	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Boroughwood Ln.	Potable Water	Burlingame Creek	7/25/11	20	8,500	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bridge Rd.	Potable Water	San Mateo Creek	7/25/11	20	2,028	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	Easton Creek	7/28/11	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bridge Rd.	Potable Water	San Mateo Creek	8/1/11	20	1,820	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Buckeye	Potable Water	Sanchez Creek	8/15/11	20	3,041	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Redwood Dr.	Potable Water	San Mateo Creek	8/15/11	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Santa Maria Ln.	Potable Water	Easton Creek	8/15/11	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Butternut Dr.	Potable Water	Sanchez Creek	9/19/11	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Butternut Rd.	Potable Water	Sanchez Creek	9/19/11	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Calaveras Ct.	Potable Water	San Mateo Creek	9/19/11	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Camphor Ct.	Potable Water	Easton Creek	9/19/11	2	4,500	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Castle Ct.	Potable Water	Burlingame Creek	9/21/2011	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Cedar Ct.	Potable Water	Burlingame Creek	9/21/2011	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Chateau Dr.	Potable Water	Sanchez Creek	9/21/2011	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Citrus Ct.	Potable Water	Sanchez Creek	9/21/2011	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Corlett Wy.	Potable Water	Sanchez Creek	9/21/2011	20	340	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roblar Ave.	Potable Water	Borel Creek	9/21/2011	0	4,500	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
Roblar Ave.	Potable Water	Burlingame Creek	9/21/2011	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roblar Ave.	Potable Water	San Mateo Creek	9/21/2011	0	1,856	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Cottonwood Ct.	Potable Water	Sanchez Creek	9/22/11	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/22/11	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/22/11	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/22/11	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/26/11	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/28/2011	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Springs Rd.	Potable Water	San Mateo Creek	9/28/2011	0	18,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
Crystal Srping Rd.	Potable Water	Sanchez Creek	9/28/11	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Crystal Srping Ter.	Potable Water	Sanchez Creek	9/28/11	30	5,100	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	Easton Creek	9/28/2011	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Darrell Rd.	Potable Water	Burlingame Creek	9/29/2011	15	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Rockridge Rd.	Potable Water	San Mateo Creek	9/29/2011	10	2,690	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Rockridge Rd.	Potable Water	San Mateo Creek	9/29/2011	0	4,210	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Darrell Rd.	Potable Water	Burlingame Creek	10/3/2011	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
De Sabla Rd.	Potable Water	San Mateo Creek	10/3/11	20	4,547	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
De Sabla Rd.	Potable Water	San Mateo Creek	10/3/11	30	4,547	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Del Monte Rd.	Potable Water	Easton Creek	10/3/2011	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Denise Dr.	Potable Water	Sanchez Creek	10/3/2011	0	4,500	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Drayton Rd.	Potable Water	Cherry Canyon Creek	10/3/2011	20	1,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	Sanchez Creek	10/3/2011	0	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bridge Rd.	Potable Water	Borel Creek	10/5/2011	0	5,100	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bridge Rd.	Potable Water	Borel Creek	10/5/2011	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Drayton Rd.	Potable Water	Sanchez Creek	10/5/2011	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	San Mateo Creek	10/5/2011	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	San Mateo Creek	10/5/2011	0	1,464	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	Borel Creek	10/5/2011	30	1,621	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrtio Ave.	Potable Water	San Mateo Creek	10/5/2011	15	2,839	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrtio Ave.	Potable Water	San Mateo Creek	10/5/2011	20	4,602	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Grevillea Ct.	Potable Water	Easton Creek	10/5/2011	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Rockridge Rd.	Potable Water	San Mateo Creek	10/5/2011	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Sierra Dr.	Potable Water	Sanchez Creek	10/5/2011	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ericson Rd	Potable Water	San Mateo Creek	10/10/11	30	1,722	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ericson Rd	Potable Water	San Mateo Creek	10/10/11	10	1,722	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Terrace Creek	10/10/11	30	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Scott Ct.	Potable Water	Easton Creek	10/10/11	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
Fagan Rd.	Potable Water	Easton Creek	10/17/11	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Heather Pl.	Potable Water	San Mateo Creek	10/17/11	25	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Floribunda Ave	Potable Water	Terrace Creek	10/24/11	20	3,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	San Mateo Creek	1/13/12	0	2,089	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Floribunda Ave.	Potable Water	Terrace Creek	1/13/12	30	5,100	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Forest View Rd.	Potable Water	Sanchez Creek	1/13/12	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Gerri Ln.	Potable Water	Sanchez Creek	2/6/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Glen Aulin Ln.	Potable Water	Burlingame Creek	2/13/12	30	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Hayne Rd.	Potable Water	Burlingame Creek	2/13/12	10	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Hayne Rd.	Potable Water	Burlingame Creek	2/14/12	50	7,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Hayne Rd.	Potable Water	Burlingame Creek	2/22/2012	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Heather Pl.	Potable Water	San Mateo Creek	2/22/2012	20	5,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Rockridge Rd.	Potable Water	San Mateo Creek	2/22/2012	0	3,331	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Hidden Terrace	Potable Water	Sanchez Creek	2/23/2012	20	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Homs C.	Potable Water	San Mateo Creek	2/23/2012	20	3,928	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Grevillea Ct.	Potable Water	Sanchez Creek	2/27/12	30	1,686	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Sanchez Creek	2/27/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir	Potable Water	Sanchez Creek	2/27/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir	Potable Water	Sanchez Creek	2/27/2012	30	10,200	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Sanchez Creek	2/27/2012	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roehampton Rd.	Potable Water	San Mateo Creek	2/27/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Sanchez Creek	3/5/12	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Sanchez Creek	3/5/12	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jewell Pl.	Potable Water	Burlingame Creek	3/5/12	20	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Kammer Ct.	Potable Water	Easton Creek	3/8/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Kinder Ln.	Potable Water	Easton Creek	3/8/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Knollcrest Rd.	Potable Water	San Mateo Creek	3/8/12	15	5,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
La Cañada	Potable Water	Ralston Creek	3/8/12	25	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
La Cumbre Ct.	Potable Water	Ralston Creek	3/8/12	20	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
La Honda Rd.	Potable Water	Ralston Creek	3/8/12	15	3,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Lemon Ct.	Potable Water	Sanchez Creek	3/12/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Lookout Rd.	Potable Water	San Mateo Creek	3/12/12	30	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bowhill Rd.	Potable Water	San Mateo Creek	3/20/2012	20	1,887	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Lupine Ct.	Potable Water	Sanchez Creek	3/20/2012	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Miranda Ct.	Potable Water	San Mateo Creek	3/20/2012	40	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mosswood Rd.	Potable Water	Burlingame Creek	3/20/2012	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mountainwood Ct.	Potable Water	San Mateo Creek	3/20/2012	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Mountainwood Ct.	Potable Water	Borel Creek	3/20/2012	15	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mountainwood Ct.	Potable Water	San Mateo Creek	3/21/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mountainwood Ln.	Potable Water	Borel Creek	3/21/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mountainwood Ln.	Potable Water	San Mateo Creek	3/21/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Mountainwood Ln.	Potable Water	Borel Creek	3/21/12	30	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Rockridge Rd.	Potable Water	San Mateo Creek	3/21/12	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Jacaranda Cir.	Potable Water	Sanchez Creek	3/22/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
New Place Rd.	Potable Water	Terrace Creek	3/22/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
New Place Rd.	Potable Water	Terrace Creek	3/22/12	15	2,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
New Place Rd.	Potable Water	Terrace Creek	3/22/12	0	4,000	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
New Place Rd.	Potable Water	Terrace Creek	3/22/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Orange Ct.	Potable Water	Terrace Creek	3/22/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Paradise Ct.	Potable Water	Easton Creek	3/22/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	San Mateo Creek	3/23/12	0	1,270	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Paradise Ct.	Potable Water	Borel Creek	3/23/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Patton Pl.	Potable Water	Sanchez Creek	3/23/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Pear Ct.	Potable Water	Ralston Creek	3/23/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Pilarcitos Ct.	Potable Water	San Mateo Creek	3/23/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Pinehill Rd.	Potable Water	Sanchez Creek	4/2/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
Poett Rd.	Potable Water	San Mateo Creek	4/2/12	30	1,729	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ralston Ave.	Potable Water	Ralston Creek	4/2/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ralston Ave.	Potable Water	Ralston Creek	4/2/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ralston Ave.	Potable Water	Sanchez Creek	4/5/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Ralston Ct.	Potable Water	Ralston Creek	4/5/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Reddington Rd.	Potable Water	Sanchez Creek	4/5/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	Borel Creek	4/9/12	0	1,516	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Reddington Rd.	Potable Water	Sanchez Creek	4/9/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Reddington Rd.	Potable Water	Sanchez Creek	4/9/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Sierra Dr.	Potable Water	San Mateo Creek	4/9/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Redwood Dr.	Potable Water	San Mateo Creek	4/10/12	20	1,251	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Redwood Dr.	Potable Water	San Mateo Creek	4/10/12	30	1,251	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Richmond Rd.	Potable Water	San Mateo Creek	4/10/12	20	16,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roberts Way	Potable Water	Burlingame Creek	4/10/12	15	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd	Potable Water	Ralston Creek	4/12/12	10	10,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd	Potable Water	Ralston Creek	4/12/12	30	12,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd.	Potable Water	Ralston Creek	4/12/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd.	Potable Water	Ralston Creek	4/12/12	20	24,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd.	Potable Water	Ralston Creek	4/12/12	15	36,000	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
Robin Rd.	Potable Water	Ralston Creek	4/12/12	0	10,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
ROBLAR AVE	Potable Water	San Mateo Creek	4/16/12	30	1,856	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
ROCKRIDGE RD	Potable Water	San Mateo Creek	4/16/12	3	1,881	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
ROCKRIDGE RD	Potable Water	San Mateo Creek	4/16/12	20	1,473	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Scott Ct.	Potable Water	Easton Creek	4/16/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Sierra Dr.	Potable Water	San Mateo Creek	4/16/12	30	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Knollcrest Rd.	Potable Water	San Mateo Creek	4/17/12	25	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Lookout Rd.	Potable Water	San Mateo Creek	4/17/12	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Scott Ct.	Potable Water	Easton Creek	4/17/12	0	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
Roblar Ave.	Potable Water	San Mateo Creek	4/18/12	0	2,471	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roblar Ave.	Potable Water	San Mateo Creek	4/18/12	0	2,482	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Sierra Dr.	Potable Water	San Mateo Creek	4/18/12	15	1,737	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Sierra Dr.	Potable Water	San Mateo Creek	4/18/12	20	3,753	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Hidden Ter.	Potable Water	Sanchez Creek	4/23/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Silk Tree Ct.	Potable Water	Sanchez Creek	4/23/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Stonehedge Rd	Potable Water	San Mateo Creek	4/23/12	20	2,077	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Stonehedge Rd.	Potable Water	San Mateo Creek	4/23/12	30	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Stonehedge Rd.	Potable Water	San Mateo Creek	4/24/12	40	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
Summit Rd.	Potable Water	Sanchez Creek	4/24/12	30	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Summit Rd.	Potable Water	Sanchez Creek	4/26/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Tea Tree Ct.	Potable Water	Sanchez Creek	4/26/12	10	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Terrier Pl.	Potable Water	Cherry Canyon Creek	4/26/12	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Uplands Dr.	Potable Water	Burlingame Creek	4/26/12	10	1,795	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Uplands Dr.	Potable Water	San Mateo Creek	4/26/12	0	1,795	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Uplands Dr.	Potable Water	San Mateo Creek	4/26/12	0	1,391	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Sierra Dr.	Potable Water	San Mateo Creek	4/27/12	20	2,418	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Verbalee	Potable Water	Burlingame Creek	4/27/12	30	5,100	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Victor Park Ln.	Potable Water	Burlingame Creek	4/27/12	15	6,800	NA	0	6 to 7	NA	See comments in

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(1) and C.15.b.iii.(2)
Victor Park Ln.	Potable Water	San Mateo Creek	4/30/12	20	10,200	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Victor Park Ln.	Potable Water	Burlingame Creek	4/30/12	20	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
View Haven Rd.	Potable Water	San Mateo Creek	4/30/12	30	6,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Bowhill Rd.	Potable Water	Borel Creek	5/2/12	30	3,400	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Roblar Ave.	Potable Water	San Mateo Creek	5/2/12	0	1,649	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Warmwood Rd.	Potable Water	Burlingame Creek	5/2/12	10	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Waverly Pl.	Potable Water	Burlingame Creek	5/4/12	30	1,910	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
W. Santa Inez Ave.	Potable Water	Burlingame Creek	5/4/12	10	5,942	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Windermere Rd.	Potable Water	San Mateo Creek	5/4/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and

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 ⁵⁹ (NTU)	Implemented BMPs & Corrective Actions
										C.15.b.iii.(2)
W. Santa Inez Ave.	Potable Water	San Mateo Creek	6/20/12	0	1,470	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
El Cerrito Ave.	Potable Water	San Mateo Creek	6/28/12	0	1,490	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Homs Ct.	Potable Water	San Mateo Creek	6/28/12	0	12,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
W. Santa Inez Ave.	Potable Water	San Mateo Creek	6/28/12	20	1,528	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Woodcrest Rd.	Potable Water	San Mateo Creek	6/28/12	20	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Woodgate Ct.	Potable Water	Easton Creek	6/28/12	0	4,000	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)
Woodland Dr.	Potable Water	Borel Creek	6/28/12	0	6,800	NA	0	6 to 7	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁰														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁶¹	pH (standard units) ⁶⁴	Discharge Turbidity (Visual) ⁶⁴	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶²	Inspector arrival time	Responding crew arrival time
1055 Macadamia Dr.	Potable Water	Sanchez Creek	6/17/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	13000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
20 Patton Pl.	Potable Water	Sanchez Creek	6/17/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
1255 Tartain Trail	Potable Water	Cherry Canyon Creek	8/4/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	25000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
595 Hayne Rd	Potable Water	Burlingame Creek	8/10/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
95 Baywood	Potable Water	San Mateo Creek	8/11/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	10000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
Creekwood	Potable Water	San Mateo Creek	9/10/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	5000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
90 Bates Rd	Potable Water	Burlingame Creek	9/13/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	15000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
1640 Marlborough	Potable Water	San Mateo	10/1/2011	See comments in C.15.b.iii.(1)	1200	NA	NA	NA	NA	See comments in C.15.b.iii.(1)	NA	NA	NA	NA

⁶⁰ This table contains all of the unplanned discharges that occurred in this FY.

⁶¹ 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.

⁶² 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.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶⁰														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁶¹	pH (standard units) ⁶⁴	Discharge Turbidity (Visual) ⁶⁴	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶²	Inspector arrival time	Responding crew arrival time
		Creek		and C.15.b.iii.(2)						and C.15.b.iii.(2)				
15 Latham Ct.	Potable Water	Sanchez Creek	11/8/2011	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
Major Hayes Tank Site	Potable Water	Ralston Creek	1/7/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	5000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
1525 Hayne Rd.	Potable Water	Burlingame Creek	1/19/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	10000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
195 Robin Rd.	Potable Water	Ralston Creek	2/9/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	5000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
CSR @ El Cerrito	Potable Water	San Mateo Creek	2/14/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	10000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
10 Live Oak	Potable Water	Sanchez Creek	3/28/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
5550 El Cerrito Ave.	Potable Water	San Mateo Creek	4/2/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
610 Brewer Dr.	Potable Water	Burlingame Creek	4/9/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
30 Grevillea Ct.	Potable Water	Sanchez Creek	4/24/2012	See comments in C.15.b.iii.(1)	20000	NA	NA	NA	NA	See comments in C.15.b.iii.(1)	NA	NA	NA	NA

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ⁶⁰														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁶¹	pH (standard units) ⁶⁴	Discharge Turbidity (Visual) ⁶⁴	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶²	Inspector arrival time	Responding crew arrival time
				and C.15.b.iii.(2)						and C.15.b.iii.(2)				
W. Avondale	Potable Water	Cherry Canyon Creek	5/10/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	5000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
38 Grevillea Ct.	Potable Water	Sanchez Creek	5/28/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	8000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
1425 Tartan Trail Rd.	Potable Water	Cherry Canyon Creek	5/29/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	5000	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA
1320 La Honda Rd.	Potable Water	Ralston Creek	6/29/2012	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	2500	NA	NA	NA	NA	See comments in C.15.b.iii.(1) and C.15.b.iii.(2)	NA	NA	NA	NA