



September 13, 2010

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

Attention: Selina Louie

Subject: Annual Report of Stormwater Program Implementation for FY 2009/2010

Dear Mr. Wolfe:

Enclosed is the City of Livermore's Annual Report of Stormwater Program Implementation for the FY 2009/2010.

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 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.

If you have questions regarding this report, please contact Steven Aguiar, Environmental Compliance Supervisor, at 925-960-8126.

Sincerely,

A handwritten signature in black ink, appearing to read "Darren Greenwood".

Darren Greenwood
Assistant Public Works Director
Water Resources Division, Public Works Department
Phone number: 925-960-8120
Fax number: 925-960-8105

cc: Dan McIntyre, Director of Public Works
Fred Jarvis, EOA Inc.
Jim Scanlin, Alameda County

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Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Livermore		
Population:	83,604		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074		
Reporting Time Period (month/year):	July / 2009 through June / 2010		
Name of the Responsible Authority:	Darren Greenwood	Title:	Assistant Public Works Director
Mailing Address:	101 W. Jack London Blvd		
City:	Livermore	Zip Code:	94551
		County:	Alameda County
Telephone Number:	925-960-8100	Fax Number:	925-960-8105
E-mail Address:	dggreenwood@ci.livermore.ca.us		
Name of the Designated Stormwater Management Program Contact (if different from above):	Steven Aguiar	Title:	Environmental Compliance Supervisor
Department:	Public Works Department/Water Resources Division		
Mailing Address:	101 W. Jack London Blvd.		
City:	Livermore	Zip Code:	94551
		County:	Alameda County
Telephone Number:	925-960-8126	Fax Number:	925-960-8105
E-mail Address:	smaguiar@ci.livermore.ca.us		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary: The City began implementing various new components of the MRP affecting Municipal Operations, developed a site Stormwater Pollution Prevention Plan for the City's Maintenance Service Center, and developed inspection and reporting forms for Storm Sewer Pump Station inspection and monitoring requirements.

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.

<input checked="" type="checkbox"/>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.
Comments: none	

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:

<input checked="" type="checkbox"/>	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
<input checked="" type="checkbox"/>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
Comments: none	

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

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

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

Comments: none

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.**

(For FY 10-11 Annual Report only) Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations); See Attached "City of Livermore Stormwater Pump Station Inspection Form"

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Murietta Pump Station: Stanley Blvd. and Murietta Blvd				
P Street Pump Station: Railroad Ave. and P Street				
North Livermore Pump Station: Railroad Ave. and North Livermore				

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

Summary: Stormwater Pump Stations were inventoried in the FY 2009/2010. Specific pump station data was submitted to RWQCB staff as requested during the reporting period. Stormwater Pump station inspections and DO monitoring are due in FY 2010/2011.

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

Attachments: See Attached "City of Livermore Stormwater Pump Station Inspection Form"

(For FY 10-11 Annual Report only) Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations): See attachment F: Stormwater Pump Station Inspection Form

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)
N/A for FY 2009/2010						

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 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 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: None			

² Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation			
Place an X in the boxes below that apply to your corporation yard(s):			
<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 certify that we have a current Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)		
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<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: None			
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
Maintenance Service Ctr.	10/08/2009	General compliance with requirements	None

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

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

(For FY 10-11 Annual Report only) Provide a brief summary of the methods of implementation of Provisions C.3.a.i.(1)-(8). [[== NOTE: This is NOT required in the current annual report.==]]

Summary:

Not applicable for FY 2009/2010 Report.

C.3.b. ► Green Streets Status Report

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

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard. [Note: this applies only to agencies planning to implement pilot green streets projects. If you are planning a pilot green streets project, summarize project status.]

Summary: N/A

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

Note: These tables list projects in the "design review and approval phase". Projects under construction were previously reported during the "design and approval"; and therefore, are not included in this report unless they have been significantly modified from the original plan.

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

<p>(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information</p>
<p>(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.</p>
<p>Summary: The most common issues encountered with stormwater treatment measures and hydrograph modification measures were the following: un-established vegetation; unhealthy vegetation; mechanical device service required (pumping out of units); plugged orifices.</p>
<p>(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).</p>
<p>Summary: The City of Livermore has been requiring new development projects to incorporate stormwater treatment measures since around 2000. It is a City of Livermore Stormwater program goal to define the inventory of such stormwater treatment measures that are in place regardless of the date of construction. As part of this on-going effort, inspection staff performs surveys for stormwater treatment measures and records this information on the "Stormwater Treatment Measures Location and Identification Form".</p> <p>Our program has been moderately effective. As previously stated, one of the primary goals of our O & M Verification Inspection Program is to identify and located all stormwater treatment measures that have been constructed within the City of Livermore. In the course of their normal Pretreatment and Stormwater Inspection duties, Source Control Inspectors document the existence (or non-existence) of stormwater treatment measures at all facilities inspected. In the future, inspection data recorded on the "Stormwater Treatment Measures Location and Identification Form will be entered into a database format enabling it to be "layered" on the City's GIS system. This will help improve the tracking of this program element.</p>

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period [== NOTE: Report only projects APPROVED in FY 2009/10 ==]

Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Private Projects										
Hindu Community Ctr. DR09-001	1232 Arrowhead Ave.	Srinivas Malladi	Planning	New Development- Community Center		3.3	<1	24,828	18,981	43,809
Livermore Performing Arts Center DR09-006	2009-11 Railroad Ave.	LVPAC	Planning	Redevelopment- Regional Theater		2	2	77,850	>77,850	77,850
Armtrout Rowhouses SPA08-006	2593 College Ave.	Joe Armtrout	Site Plan Approval	Residential- Infill/Redevelopment		<1	<1	18,447	6,232	18,447
Livermore Sanitation SPAA09-006	7000-50 National Drive	Livermore Sanitation, Inc.	Completed	Industrial- Service Yard/Recycling		4.32	1	>10,000	10,000	60, 548
Orchid ZUP09-035	1040 N. Vasco Road	Greg Kawahapa	Zoning	Residential- planned Development; 1 Of 5 Lots		<1	3,337	2,391	0	2,391
Vinsanto School Property SUB10-001	San Felice Dr. & Caldeira Dr.	Ponderosa Homes II, Inc	Planning; Conceptual Plans Submitted	Residential- Construct 39-48 Single Family Homes		13.5	13	312,000	0	312,000

³ Include cross streets.

⁴ If a project is being constructed in phases, use a separate row entry for each phase.

⁵ Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

⁶ State the watershed(s) that the Regulated Project drains to. Optional but recommended: Also state the downstream watershed(s).

⁷ State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

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

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

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period						[== NOTE: Report only projects APPROVED in FY 2009/10 ==]				
Project Name Project No.	Project Location ³ , Street Address	Name of Developer	Project Phase No. ⁴	Project Type & Description ⁵	Project Watershed ⁶	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area ⁷ (ft ²)	Total Pre- Project Impervious Surface Area ⁸ (ft ²)	Total Post- Project Impervious Surface Area ⁹ (ft ²)
Peterson Tractor Company SPA10-001	Lot 8, Discovery Drive	Livermore Airway Associates, LLC	Site Plan Approval	Commercial- Heavy Equipment Dealership and Service	Arroyo Mocho	19.16	19.16	14.7	0	14.7
McGrath Rent Corp SPA10-004	South side of Las Positas Rd. and east of Bennet Ave.	McGrath RentCorp.	Site Plan Approval	Industrial- Storage Yard for Modular Building		2.45	2.45	<1	0	<1
Public Projects										

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period							[[== NOTE: Report only projects APPROVED in FY 2009/10 ==]]		
Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Private Projects									
Hindu Community Ctr. DR09-001	Planning	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Bioswales; Infiltration Planters	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Underground Oversized Pipe Storage Systems for Flow Duration Control sized with BAHM.
Livermore Performing Arts Center DR09-006	Planning	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Bioretention/ Mechanical Media Filter	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Post Development Flows < Pre Existing Flows

¹⁰ For private projects, state project application submittal date; application deemed complete date; and, final discretionary approval date. For public projects, state plans and specifications approval date.

¹¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

¹⁴ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁵ See Provision C.3.d. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3)

¹⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

¹⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

¹⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

¹⁹ If HM control is not required, state why not.

²⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), 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							[[== NOTE: Report only projects APPROVED in FY 2009/10 ==]]		
Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Armitrout Rowhouses SPA08-006	Site Plan Approval	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Filterra Units/ Bioretention Planters	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Not Required; Project < 1 Acre
Livermore Sanitation SPAA09-006	Completed	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Bioswales/ Bioretention Planters	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Retention Pond
Orchid ZUP09-035	Zoning	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Plans yet to be submitted; Project in early phase addressing zoning issues	Plans yet to be submitted; Project in early phase addressing zoning issues	Plans yet to be submitted; Project in early phase addressing zoning issues			Not Required; Project < 1 Acre
Vinsanto School Property SUB10-001	Planning; Conceptual Plans Submitted	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Plans in early design phase; Applicant informed of requirements.	Plans in early design phase; Applicant informed of requirements.	Plans in early design phase; Applicant informed of requirements.			Plans in early design phase; Applicant informed of requirements.

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period									
[[== NOTE: Report only projects APPROVED in FY 2009/10 ==]]									
Project Name Project No.	Status of Project ¹⁰	Source Control Measures ¹¹	Site Design Measures ¹²	Treatment Systems Approved ¹³	Operation & Maintenance Responsibility Mechanism ¹⁴	Hydraulic Sizing Criteria ¹⁵	Alternative Compliance Measures ^{16/17}	Alternative Certification ¹⁸	HM Controls ^{19/20}
Peterson Tractor Company SPA10-001	Site Plan Approval	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Bioswales	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Detention Ponds and Underground Oversized Pipe Storage Systems for Flow Duration Control sized with BAHM.
McGrath Rent Corp SPA10-004	Site Plan Approval	Standard Source Control Measures Required as Conditions of Approval	Standard Site Design Measures Required as Conditions of Approval	Bioswales	O&M Agreement and Livermore Municipal Code	Flow-based criteria per ACCWP technical guidance, using rainfall of 0.2 in./hr.			Not Required; Project < 1 Acre
Public Projects									

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. [[== Obtain information from the stormwater treatment BMP O&M inspection forms completed during O&M inspections ==]]

Facility/Site Inspected and Location	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
7480 Las Positas Road	Property Owner	07/16/2009	Routine	Mechanical- Inlet Filter	Functional	None	
6850 Brisa Street	Property Owner	07/20/2009	Routine	Mechanical- Inlet Filter	Functional	None	Cleaning required before wet season
355 S. Vasco Road	Property Owner	07/*21/2009	Routine	Mechanical-Inlet Filter	Functional	None	Cleaning required before wet season
6153 Southfront Rd.	Property Owner	07/22/2009	Routine	Mechanical-Inlet Filter	Functional	None	Cleaning required before wet season
6175 Southfront Rd.	Property Owner	09/03/2009	Routine	Mechanical-Inlet Filter	Functional	None	Filters maintained quarterly
625 W. Jack London Blvd.	Property Owner	09/15/2009	Pre-Wet Season	Detention Basin	Functional	None	Maintenance staff to remedy rodent holes; nuisance vegetation; areas of slope erosion; missing rock at spillway
7770 Hawthorne Ave	Property Owner	09/23/2009	Routine	Mechanical-Inlet Filter	Functional	None	
6650 National Dr.	Property Owner	10/08/2009	Routine	Mechanical-Inlet Filter	Functional	None	Cleaning required before wet season
2441 Constitution Drive	Property Owner	10/08/2009	Routine	Bioswale	Functional/Vegetation Healthy	None	
300 Lawrence Drive	Property Owner	10/21/2009	Routine	Detention Basin	Functional	None	
PG& E Facility- National Drive	Property Owner	10/29/2009	Construction - Find	Swale/HMP Detention Basin; HMP Outfall Weir	Design is functional/ Vegetation not planted per approved set of plans	Project Not Signed Off	Required vegetation per approved plans; Reinspected within 30 days and verified conformance with landscaping plans
1800 Sutter Street	Property Owner	11/19/2009	Routine	Bioswale	Functional and in good condition	None	
330 Airway	Property Owner	11/25/2009	Routine	Bioswale	Functional	None	

²¹ State the responsible operator for installed stormwater treatment systems and HM controls.

²² State the type of inspection (e.g., annual, follow-up, spot, etc.).

²³ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

²⁴ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

²⁵ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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. [[= Obtain information from the stormwater treatment BMP O&M Inspection forms completed during O&M inspections =]]

Facility/Site Inspected and Location	Party Responsible ²¹ For Maintenance	Date of Inspection	Type of Inspection ²²	Type of Treatment/HM Control(s) Inspected ²³	Inspection Findings or Results ²⁴	Enforcement Action Taken ²⁵	Comments
2300 First Street	Property Owner	12/7/2009	Routine	Bioswale	Engineering/Design Flaws	None	
2313 Research Dr.	Property Owner	02/01/2010	Routine	Bioswale	Functional	None	
5380 Brisa St.	Property Owner	02/16/2010	Routine	Bioswale	Functional	None	
5382 Brisa St.	Property Owner	02/16/2010	Routine	Bioswale	Functional	None	
501 Lawrence	Property Owner	02/17/2010	Routine	Bioswale	Functional	None	
7545 Longard Rd.	Property Owner	02/17/2010	Routine	Bioswale	Functional	None	
5640 La Ribera St.	Property Owner	03/15/2010	Routine	Bioswale	Functional/Vegetation Healthy	None	Design appears that swales are "too small to be effective"
611 Enterprise Ct.	Property Owner	03/18/2010	Routine	Bioswale	Functional	None	
6459 Brisa Ct.	Property Owner	05/12/2010	Routine	Basin	Functional	None	
7685 Hawthorne Place	Property Owner	06/14/2010	Routine	Bioswale	Functional	None	
100 N. Canyons Parkway	Property Owner	06/07/2010	Routine	Bioswale	Inlets Obstructed	Verbal	Facility contact notified to clear obstructed catch basins
816 N. Vasco Road	Property Owner	06/22/2010	Routine	Extended Detention Basin	Some erosion/scouring	None	
2800 Collier Canyon Road	Property Owner	06/15/2010	Routine	Infiltration Basin	Functional	None	

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

C.4.a.ii ► Legal Authority

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

If No, explain:

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

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

If No, explain:

Program Highlights

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

Unfortunately, with the adoption of the MRP, a good deal of staff time has been diverted from activities with a direct benefit to protecting water quality, such as conducting field inspections and survey inspections, to those activities geared toward satisfying the reporting and data collection requirements mandated under this new permit. The City has developed reporting forms and procedures to comply with C.15, developed an Enforcement Response Plan, developed and submitted a "Trash Hot Spot" report documenting litter near creeks, developed an inspection protocol and inspection forms to measure dissolved oxygen content in "standing" water in stormwater pump stations, trained municipal staff in completing new reporting forms for potable water discharges, created new construction inspection forms to comply with C.6, and created and implemented a database to track construction inspections per the requirements of C.6. As we are currently six months under this new permit, the City of Livermore anticipates that even more staff time will be required to be diverted from effective field work (i.e. inspections, illicit discharge survey) to "reporting" and "data tracking" projects to meet permit compliance. Therefore, City staff anticipates that the total number of inspections performed will go down over time as compared to previous years.

C.4.b.i. ► Business Inspection Plan

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

If No, explain:

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.

See attached "Stormwater Industrial and Commercial Inspection Plan"

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.

See attached "Stormwater Industrial and Commercial Inspection Plan"

C.4.c.iii.(1) ► Facility Inspections

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

	Number	Percent
Number of businesses inspected (if known)	See database	
Total number of inspections conducted	156	
Violations issued (excluding verbal warnings)	8	
Sites inspected in violation	8	
Violations ¹ resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	8	

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

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. non-stormwater discharge)	8
Potential discharge (e.g. BMPs not in place or ineffective)	0

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

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

	Enforcement Action (as listed in ERP) ¹	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ²
U.S. Food Service	NOV	1	
JO's RV's	NOV	1	
First Buffet	NOV	1	
Malmberg Engineering, Inc	NOV	1	
Contreras Market and Bakery	NOV	1	
RV Liquidator	NOV	1	
Select Mechanical	NOV	1	
Guerrero's Tire	NOV	1	26% NOV's
Condon Johnson	Verbal	1	
Croth Brothers Chevrolet	Verbal	1	
Autopia Carwash	Verbal	1	
Sunbelt Rentals	Verbal	1	
USP Structural Connectors	Verbal	1	
Mid Coast Transportation	Verbal	1	
Livermore Pleasanton Fire Dept. #1	Verbal	1	
Livermore Pleasanton Fire Dept. #6	Verbal	1	
Top Grade Construction	Verbal	1	
SAB Stanley Shell	Verbal	1	
Banner Metal Processing, LLC	Verbal	1	
Cosco Wholesale	Verbal	1	
Quentin Bammer/Moeller Bros	Verbal	1	
Cactus Car Wash	Verbal	1	
Livermore Auto Group	Verbal	2	
Zone 7 Water Agency	Verbal	1	
Hallfab Precision Machining	Verbal	1	

Business Name	Verbal	Warning	Percentage
Ultracore Inc			61% Verbal
Piccola Casa	Warning	1	
Emil Villa's Hickory Pfl	Warning	1	
Packaging Innovators	Warning	1	
InPhenix, Inc.	Warning	1	13% Warning
Total		30	31

Notes:

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

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

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

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

Business Category ¹	Actual Discharge Violations	Potential Discharge Violations
Sanitary Sewer Permitted Industrial Users	2	
Food Service/Grocery	2	
Auto Related (sales/service)	2	
Machine Shop	2	

Notes:

¹ List your Program's standard business categories.

C.4.c.iii.(4) ► Non-Filers

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

Based on the last list of non-filers distributed by Regional Board staff to permittees, information should be available from the RWQCB's General Industrial Permit Program.

C.4.d.iii ▶ Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Inspector Training for Businesses and Illicit Discharges	October 15, 2009	Urban runoff pollution prevention, inspection procedures, and Illicit Discharge Detection, Elimination and follow-up.	2	40%
CWEA Annual Conference	April 2010	Pollution Prevent, Stormwater, HMP	3	60%
CWEA P3S Conference	February 2010	Pollution Prevent, Stormwater, HMP, MRP	2	40%
CWEA NRTC Conference	August 16-19, 2009	Pollution Prevent, Stormwater, HMP, MRP	3	60%
CASQA Conference	November 2-4, 2009	Pollution Prevent, Stormwater, HMP, MRP	2	40%
CASQC Workshop	August 10, 2009	General Construction Permit	1	20%

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

C.5.a.ii ► Legal Authority

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

If **No**, explain:

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

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

If **No**, explain:

Program Highlights

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

Unfortunately, with the adoption of the MRP, a good deal of staff time has been diverted from activities with a direct benefit to protecting water quality, such as conducting field inspections and survey inspections, to those activities geared toward satisfying the reporting and data collection requirements mandated under this new permit. The City has developed reporting forms and procedures to comply with C.15, developed an Enforcement Response Plan, developed and submitted a "Trash Hot Spot" report documenting litter near creeks, developed an inspection protocol and inspection forms to measure dissolved oxygen content in "standing" water in stormwater pump stations, trained municipal staff in completing new reporting forms for potable water discharges, created new construction inspection forms to comply with C.6, and created and implemented a database to track construction inspections per the requirements of C.6. As we are currently six months under this new permit, the City of Livermore anticipates that even more staff time will be required to be diverted from effective field work (i.e. inspections, illicit discharge survey) to "reporting" and "data tracking" projects to meet permit compliance. Therefore, City staff anticipates that the total number of inspections performed will go down over time as compared to previous years.

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
LWRP	Water Reclamation Plant	925-960-8100
LPFD/LPD	Emergency Services	911

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: See Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on mobile surface cleaners program.

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 City's collection screening program consist of (1) storm drain inlet,s (2) channel sections and outfalls, or (3) an industrial/commercial area. Storm drain inlets throughout the city are routinely surveyed for illicit discharges my municipal maintenance staff through the course of their routine storm drain inlet maintenance activities. As a significant volume of our illicit discharges are identified by Source Control staff through routine inspections and surveys of industrial and commercial business parks, a decreased emphasis is placed on surveying belowground storm drain structures, channel sections, and outfalls. However, periodically these areas are surveyed for illicit discharges. Historically, the majority of illicit discharges are discovered to be occurring in industrial and commercial areas; therefore, the majority of staff time and resources for illicit discharge survey activities are concentrated in these areas.

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))	39	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	37	95%
Discharges resolved in a timely manner (C.5.f.iii.(3))	37	100%
<p>Comments: The City maintains a database which tracks all customer service related calls made to the Livermore Water Reclamation Plant. All calls are documented on a "Customer Service Response Form". These forms are used for calls related to "water", "storm drain system", and "sanitary sewer system". The forms are completed by the person tasked with responding to the call. The completed forms are entered into a database as a record of our customer service. Calls involving an illicit discharge are assigned to Source Control staff. Source Control staff complete the "Customer Service Response Form" as well as document confirmed illicit discharges with the "Illicit Discharge Inspection Form". The Illicit Discharge Inspections are tracked in the City's Illicit Discharge Inspection Database. <u>Please see the Attachment B entitled " Illicit Discharge Reports"</u></p>		

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

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

A review of the data collected and documented on the Illicit Discharge Source Identification Forms, show that a majority of the illicit discharges consist of the following: vehicle and equipment wash waters, construction debris, cement, and automotive fluids.

Section 6 – Provision C.6 Construction Site Controls

C.6.a.iii ▶ Legal Authority		
(For FY 09-10 Annual Report only) Is your agency's legal authority adequate for C.6 compliance?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If No , explain:		

C.6.b.ii.(3) ▶ Enforcement Response Plan		
(For FY 09-10 Annual Report only) Was your Enforcement Response Plan developed and implemented by April 1, 2010?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If No , explain:		

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		[[== Totals are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet ==]]
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)
0	2	14

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
[[= Totals and percentages are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet =]]		
BMP Category	Number of Violations ¹	% of Total Violations ²
Erosion Control	0	
Run-on and Run-off Control	0	
Sediment Control	0	
Active Treatment Systems	0	
Good Site Management	0	
Non Stormwater Management	0	
Total	0	100%

Notes:

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

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

C.6.e.iii.1.e ▶ Construction related storm water enforcement actions			
[[= Totals and percentages are calculated at the bottom of the Construction Site Inspections Tracking Spreadsheet =]]			
	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Taken	% Enforcement Actions Taken ²
	No enforcement actions taken during this reporting period		
Total	0	0	100%

Notes:

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

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

C.6.e.iii.1.f, g ► Illicit Discharges		[[= Total number of illicit discharges is calculated at bottom of the Construction Site Inspections Tracking Spreadsheet. A manual count is needed to identify the number of SITES with illicit discharges. =]]
		Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)		0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)		0

C.6.e.iii.1.h, i ► Violation Correction Times		[[= The totals are calculated at bottom of the Construction Site Inspections Tracking Spreadsheet. =]]	
		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)		0	% ²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)		0	% ³
Total number of violations for the reporting year ¹		0	100%

Notes:

- ¹Total 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.
- ²Calculated 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.
- ³Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

C.6.e.iii.(2) ► Evaluation of Inspection Data
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
Description: No violations were documented during this reporting period.

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

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

Description: The City maintains a strong field presence and is routinely on site at active construction sites.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Clean Water Program Training the Trainers Session on MRP Construction Site Inspection Requirements	March 9, 2010	Permit requirements, ERP requirements, tools for construction site inspections and tracking	3	

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: See BASMAA FY 2009/10 report on the BASMAA Regional Advertising Campaign.

C.7.b.iii.1 ▶ Pre-Campaign Survey

(For the FY 10-11 Annual Report only) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

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

Place an X in the appropriate box below:

NA	Survey report attached
NA	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: See BASMAA FY 2009/10 report on the Regional Media Relations effort.

C.7.d ► Stormwater Point of Contact

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

Contact Summary: See BASMAA FY 2009/10 report on the Regional point of contact. See Clean Water Program FY 2009/10 Report for details on countywide point of contact. City of Livermore Contact: Steven Aguiar, Environmental Compliance Supervisor, 925-960-8126.

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
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Clean Water Program exhibit at the Alameda County Fair (countywide event).	See Clean Water Program FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.

<p>2009 Alameda County Fair- staffed by City of Livermore Inspector's on 07/10, 07/12, & 07/17/2009</p>	<p>The informational materials distributed: Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.</p>	<p>See Clean Water Program FY 2009/10 Report.</p>
<p>Tri-Valley Solar Cities & Environmental Fair, 07/18/2009</p>	<p>The informational materials distributed: Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.</p>	<p>Positive feedback from attendees and an invitation to return to future meetings.</p>
<p>Livermore Drug Take Back Event, 09/26/2009</p>	<p>To help residents safely and properly dispose of unwanted prescription and over-the-counter drugs, the city's Water Resources Division and Police Department hosted a Drug Take-Back Event. Partnering agencies helped plan and advertise the event. The Drug Take-Back Event was held outside the Livermore Police Department on September 26, 2009 from 9:00 a.m. to 2 p.m. Livermore residents were invited to bring both non-controlled and controlled substances, which included prescription and over-the-counter drugs, vitamins, and supplements. Sharps were also accepted. The Water Resources Division provided an event survey and disseminated proper disposal information for substances, and the Police Department collected and secured the containers with substances for pick-up.</p>	<p>To estimate the amount collected, Integrated Waste Control (IWC) weighed four 18-gallon Pharma Safety Containers upon pick-up. Three-hundred and five (305) pounds of pharmaceutical waste were collected. This weight represents pills without pill containers and blister packs. Approximately 1.58 pounds of pharmaceutical waste was disposed of per person. WRD personnel recycled approximately eight 45-gallon garbage bags of empty pill bottles and paper/cardboard, four mercury thermometers and a fluorescent bulb, and twelve household batteries. Survey of participants was conducted.</p>

<p>Safe medicine Disposal Presentation: LARPD Senior Event, 10/01/2009</p>	<p>The informational materials distributed: Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.</p>	<p>Positive feedback from attendees and an invitation to return to future meetings.</p>
<p>Pool Maintenance: BMPS Implementation and Practices: Presentation to 40 Independent Pool & Spa Service Members, 01/14/2010</p>	<p>Pool BMPs</p>	<p>Positive feedback from attendees and an invitation to return to future meetings.</p>
<p>City of Livermore Health & Safety Fair, 06/09/2010</p>	<p>Livermore Employee Health and Safety Fair included: <i>Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, The 10 Most Wanted Bugs in Your Garden Brochure, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.</i></p>	<p>Positive feedback and interaction with employees visiting our station.</p>
<p>2010 Alameda County Fair- staffed by City of Livermore Inspector's on 06/23 & 06/24/2010</p>	<p>The informational materials distributed: Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.</p>	<p>See Clean Water Program FY 2009/10 Report.</p>

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: See Clean Water Program FY 2009/10 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
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Community Stewardship Grants	See Clean Water Program FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.
City of Livermore Earth Day, 04/17/2010	Earth Day Celebration and Creek Clean Up Event	296 people attended

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
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.
Educational Services	See Clean Water Program FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.	See Clean Water Program FY 2009/10 Report.
Rancho Las Positas Elementary: 4 presentation made to students grades Kindergarten to 5 th Grade/07/15/2009 and 07/22/2009	At these presentations and plant tours, City staff presented and disseminated information on watershed awareness, stormwater pollution, pollution prevention, and water conservation.	90	Quizzes and surveys are used to evaluate effectiveness of outreach.
Trinity Baptist Daycare: 2year old through Kindergarten/ 5 presentation provided to students 10/06/2009	At these presentations and plant tours, City staff presented and disseminated information on watershed awareness, stormwater pollution, pollution prevention, and water conservation.	54	Quizzes and surveys are used to evaluate effectiveness of outreach.

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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

<p>(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy.</p>	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/>	Not attached, explain below
<p>If Not attached, explain:</p>				

C.9.b ▶ Implement IPM Policy or Ordinance

<p>Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.</p>
<p>Summary:</p> <p>The City contracts with Orkin, Inc. for pest management at the following city facilities: Rincon Library, Springtown Library, Main Library, Council Chambers, Multi Service Center, City Hall Police Department, Public Works, Fire Station #6, #7, #8, #10, 2nd Street Building, and Airport, and LWRP. Orkin Commercial Services specializes in Integrated Pest Management (IPM), an approach to pest control that combines all available methods of preventing pests in a given environment. In our IPM programs, pesticides are used only when necessary to achieve acceptable levels of control with the least possible harm to humans, non-target organisms and the environment. IPM methods may be biological, such as employing growth regulators or parasites; mechanical, using traps or other exclusion techniques; or even cultural, such as focusing on better sanitation to prevent pest-conducive conditions. See Attachment C: Purchase Order Contract for Pest Control Services.</p>

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.	11
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	11
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%
Note: City employees tasked with such responsibilities maintain the required pest control applicator licenses administered through the Department of Pesticide Regulations. The City encourages the RWQCB to work with the DPR to make such training requirements a part of the applicator licensing program.	

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 type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input checked="" type="checkbox"/>	Equivalent documentation.		
If not attached, explain: See summary explanation under C.9.b.			

C.9.e ▶ Track and Participate in Relevant Regulatory Processes
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

C.9.f ▶ Interface with County Agricultural Commissioners
Provide a summary of improper pesticide usage reported to County Agricultural Commissioners and follow-up actions to correct violations, if any. A separate report can be attached as your summary.
Summary: See Clean Water Program FY 2009/2010 Annual Report. No reports of improper pesticide use were reported to the County Agricultural

Commissioner.

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: See description of Our Water Our World activities in the Clean Water Program FY 2009/10 Report. See BASMAA FY 2009/10 report on the Our Water Our World program.

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 Clean Water Program FY 2009/10 Report.

Section 10 - Provision C.10 Trash Load Reduction

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

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

Description: *Not required for FY2009/2010 Report*

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

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

Description: *Not required for FY2009/2010 Report*

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

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

Description: *Not required for FY2009/2010 Report*

C.10.b.iii ► Trash Hot Spot Assessment

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

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
<i>Not required for FY2009/2010 Report</i>				

C.10.d Summary of Trash Load Reduction Actions

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

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

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Curbside recycling program	2002	Full implementation was achieved in advance of MRP	8,414.79 tons	Bottles, cans, paper, cardboard
Outreach and education – Brochures, bill inserts, and other outreach encourage residents and businesses to handle waste properly, including HHW.	2002	Full implementation was achieved in advance of MRP		Residential and commercial garbage, recycling, and organics (yard trimmings and food waste)
Free on-call trash pick-ups – Single family residents are entitled to three free on-call clean-ups per year. Service helps to prevent illegal dumping.	2002	Full implementation was achieved in advance of MRP	666.96 tons	Household trash
County HHW Program Activities – City collects City-generated and resident-generated batteries from employees and takes them to County HHW facility. City also advertises County HHW services on City website and mailers.		Full implementation was achieved in advance of MRP		Batteries, fluorescent lamps, paint, other universal waste.

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Improved trash bin management – Franchise garbage hauler is required to repair leaky bins in order to prevent run off.	Prior to Dec. 2009	Full implementation was achieved in advance of MRP		Commercially generated garbage and food waste.
Solid Waste Recycling efforts – City has mandatory trash service, which helps prevent illegal dumping. Recycling and organics (green waste and food scraps) is included at no additional charge for residents, offering extra capacity for these materials. Commercial businesses receive deep discounts on recycling and organics service.	Prior to Dec. 2009	Full implementation was achieved in advance of MRP		Household and commercial garbage, recyclable materials, and organics.
Source Control/Bans/Prohibitions – City has a Civic Bay-Friendly Landscaping ordinance which encourages landscaping practices that reduce runoff, mitigate plant debris in the storm drain, and limit or eliminate pesticides and chemical fertilizers in public landscapes.	Prior to Dec. 2009	Ordinance was passed prior to MRP adoption. Implementation is ongoing.		Plant debris and chemicals.
Trash Removal from Receptacles – Franchise agreement between waste hauler and City requires drivers to clean up any litter resulting from the emptying of containers.	Prior to Dec. 2009	Full implementation was achieved in advance of MRP		Household and commercial garbage, recyclable materials, and organics.

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 following are the projects that are planned and/or currently on-going with implementation:

1. Develop and mail courtesy letter with BAPPG announcement to health clinics, junior college and high schools regarding the mercury audit workshop.
2. Disseminate Alameda Countywide Clean Water Program's Mercury Lamp Best Management Practices Form to business during General Pretreatment and Stormwater Inspections.
3. Conduct Thermometer Take-Back Program
4. Dental Office Site Visits/Inspections
5. Mail Outreach materials to Dental Offices
6. Review mercury data for other commercial and industrial sources
7. Develop a GIS layer for permitted facilities including Vehicle Wash Racks, General and Significant Industrial Users.

C.11.a.ii ► Mercury Collection

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

Amount collected:

The methodologies for estimating the mass of mercury collected through mercury collection and recycling efforts are currently in development and are due to the Water Board by September 15, 2010 (See POC and Monitoring Regional Supplement). Therefore, estimates could not be made for FY09/10. Estimates of the mass of mercury collected through recycling efforts during FY10/11 will be provided with the FY 10/11 Annual Report (See FY 10/111 BASMAA Regional POC Report).

The three Alameda County HHW facilities recycled 34,458 pounds of mercury containing fluorescent tube and compact lamps during FY 2008/2009. The total for 2009/2010 will not be available until late September

- 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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

Section 12 - Provision C.12 PCBs Controls

C.12.a.i.iii ▶ Municipal Inspectors Training

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

Description: See Clean Water Program FY 2009/10 Report.

C.12.a.ii.iii ▶ Ongoing Training

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

Description:

One June 10, 2010, all Source Control Inspection staff (5 staff members) received training on "Inspecting Industrial/Commercial Facilities for Pollutants of Concern". This training included material on PCBs. As indicated in previous annual reports to the Board, the authority to regulate and enforce requirement regarding PCBs will likely require multi-agency coordination involving the State Water Board, Department of Toxic Substance Control, CAL EPA, and/or local CUPA programs. The issues involving legacy PCB contamination would appear to be outside of the scope of an individual municipal stormwater program's regulatory authority.

- 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: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

Section 13 - Provision C.13 Copper Controls

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

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	x	Yes		No
If No , explain and provide schedule for obtaining authority within 1 year:				

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

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

C.13.c ► Vehicle Brake Pads

See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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

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

Summary
 The City of Livermore owns and operates a POTW, and maintains an active Pretreatment Program. Under this program, the City regulates industrial dischargers with potential sources of copper under its Pretreatment Permitting Program. Under this program, the City requires any facility that washes vehicles and or equipment to have a designated wash pad area that is plumbed to the sanitary sewer via an oil water separator. This requirement has been in place and enforced since the late 1980s. All of these industrial and commercial users are inspected on an annual

basis for compliance with stormwater requirements. The following is a list of these industrial/commercial sites:

Pretreatment Program Permitted Industrial Users with significant volume Cooling Towers:

Permit	Facility	Address
1251	Sandia National Laboratories/CA	7011 East Avenue
1350	Form Factor-501 Lawrence	501 Lawrence Drive
1348	Form Factor-7545 Longard	7545 Longard Road
1272	InPhenix, Inc.	250 North Mines Road
1250	Lawrence Livermore National Laboratory	7000 East Avenue

Pretreatment Program Permitted Industrial Users: Printers

Permit	Facility	Address
1281	Schiffenhaus	7041 Las Positas Avenue, Suite A
1261	Packaging Innovators	6650 National Drive
1374	Golden Bear Packaging	6645 Los Positas Road
1258	Heritage Paper	6850 Brisa Street

Pretreatment Program Permitted Industrial Users: Vehicle/Equipment Wash Racks

Permit	Facility	Address
1331	B & S Hacienda	6219 Southfront Road
1288	Bernard's Mini Mart	1501 Airway Boulevard
1364	Boatmasters	5162 Preston Avenue
1284	Budget Car and Truck Rental	3841 First Street
1303	Cactus Car Wash	2153 Portola Avenue
1296	Cal Trans	6153 Southfront Road
1290	California Landscape Dimensions	5781 Preston Avenue
1338	Clark Pest Control	2313 Research Drive
1278	Cresco Equipment	800 E. Airway Boulevard
1362	Dun-Rite Excavating	5382 Brisa Street

1334	Enterprise Rent-A-Car	3569 First Street
1322	First Street-Henderlong	3560 First Street
1264	Groth Brothers	59 South L Street
1309	Harris Salinas Reinforcing	355 South Vasco Road
1342	Hawthorne LLC	7770 Hawthorne Road
1325	Hertz Equipment Rental	5237 Southfront Road
1311	JCs RVs	958 E. Airway Boulevard
1256	L Street Car Wash	220 North L Street
1313	Las Positas Shell	4530 Las Positas Road
1356	Lassiter Excavating	7000 National Drive
1294	LAVTA	1362 Rutan Court
1368	Las Positas Golf Course	909 Clubhouse Drive
1343	Les Schwab Tire Center #647	2650 Las Positas Road
1341	Livermore Audi	3400 Las Positas Road
1355	Livermore Auto Group-2232 Kitty Hawk	2232 Kitty Hawk Road
1292	Livermore Auto Group-2266 Kitty Hawk	2266 Kitty Hawk Road
1328	Livermore Auto Group-2304 Kitty Hawk	2304 Kitty Hawk Road
1259	Livermore Car Wash	2855 Old First Street
1317	Livermore Chevron	2186 Las Positas Road
1276	Livermore Dublin Disposal	6175 Southfront Road
1340	Livermore Honda	3200 Las Positas Road
1349	Livermore Jaguar	3500 Las Positas Road
1369	Livermore Maintenance Service Center	3500 Robertson Park Road
1366	Livermore Municipal Airport	636 Terminal Circle
1365	Livermore Police Department	1110 S. Livermore Avenue
1361	Livermore Porsche	3100 Las Positas Road
1353	Livermore Subaru	3600 Las Positas Road
1370	LFPD Fire Station #6	4550 East Avenue

Permit	Facility	Address
1371	LPFD Fire Station #7	951 Rincon Avenue
1372	LPFD Fire Station #8	5750 Scenic Avenue
1373	LPFD Fire Station #10	330 Airway Boulevard
1254	Mathew's Machinery	5340 Brisa Street
1293	MidCoast Transportation	5715 Preston Avenue
1323	Mountain Cascade	555 Exchange Court
1333	AuctionisNow.com	5187 Southfront Road
1301	Penske Truck Leasing	6215 Las Positas Road
1346	Power Washing Services	35 Rickenbacker Circle
1344	Quentin Bammer/Moeller Brothers	539 Lewelling Boulevard
1262	R. Lance & Sons	6776 Patterson Pass Road
1289	SAB Stanley Shell	809 East Stanley Boulevard
1263	SpeeDee Wash	2645 Old First Street
1329	Sunbelt Rentals	4977 Southfront Road
1335	Top Grade Construction	50 Contractors Street
1300	U.S. Foodservice	300 Lawrence Drive
1326	Western Traction II	5717 Brisa Street
1307	<i>Vacant</i>	<i>3737 First Street</i>
1359	Vasco 76	816 N. Vasco Road
1282	Vasco Road Chevron	1025 N. Vasco Road
1304	Wal-Mart Tire & Lube Express	2700 Las Positas Road
1357	WB Equipment	5162 Preston Avenue
1308	White Oak Landscaping	5552 La Ribera Street
1285	Yamaha Golf Cars of CA	5605 Southfront Road
1351	Zone 7 Water Agency	100 North Canyons Parkway
1376	Interstate Storage	1800 Sutter Street

The City current mechanism of reporting facilities that are in noncompliance already satisfies this requirement, and has therefore not taken any additional steps to comply with the reporting requirements under C.13.d.iii to "highlight copper reduction results in the industrial inspection component in the C.13 portion of each Annual Report beginning September 2010". This obscure and undefined reporting requirement is one of many puzzling requirements contained in the MRP, which attempts to mandate that a municipality "quantify" some greater detail that isn't reasonably quantifiable in such terms in reality. Businesses are either in compliance with stormwater requirements and are implementing the required best management practices or they are not in compliance. Performing any analysis or quantification beyond that is not a justifiable use of public funds and resources.

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

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

Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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

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

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

Summary: See BASMAA MRP Regional Supplement for POCs and Monitoring Annual Reporting for FY 2009/2010.

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?			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If No , skip to C.15.b.vi.(2):			
If Yes , Complete the attached reporting tables or attach your own table with the same information. Describe program highlights below. For FY 09-10 only, describe steps taken to revise your program to meet new monitoring, data tracking and reporting requirements.			
Summary: The City developed a "Potable Water System Discharge to Storm Sewer System Plan" (see attached). The City also developed the following reporting forms to comply with this requirement: RWQCB Notification for Planned Potable Water System Discharge", "Planned Potable Water System Discharge Report", "RWQCB Notification of Unplanned Potable Water System Discharge", and "Report to RWQCB Documenting Unplanned Potable Water System Discharge Incident" (Attachement E: Potable Water System Discharge to Storm Sewer System Plan & Report Forms).			

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:	
<ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. 	
Summary: The City has part of its requirements for New Development include the following requirements of new development: All new development projects are required to address the following, and implement when feasible, the following:	
<p style="padding-left: 40px;">Landscaping shall be designed to both minimize irrigation and the runoff of irrigation waters. It shall also be designed to promote surface infiltration where appropriate. Landscaping plans should also consider measures and/or planting selections, which serve to minimize the use of fertilizers and pesticides that can contribute to stormwater pollution.</p> <p style="padding-left: 40px;">If a landscaping plan is required as part of a development project application, the plan shall meet the following conditions related to</p>	

reduction of pesticide use on the project site:

- a. Where feasible, landscaping shall be designed and operated to treat stormwater runoff by incorporating elements that collect, detain, and infiltrate runoff. In areas that provide detention of water, plants that are tolerant of saturated soil conditions and prolonged exposure to water shall be specified.
- b. Plant materials selected shall be appropriate to site specific characteristics such as soil type, topography, climate, amount and timing of sunlight, prevailing winds, rainfall, air movement, patterns of land use, ecological consistency and plant interactions to ensure successful establishment.
- c. Existing native trees, shrubs, and ground cover shall be retained and incorporated into the landscape plan to the maximum extent practicable.
- d. Unless otherwise specified, proper maintenance of landscaping shall be the responsibility of the property owner.
- e. Integrated pest management (IPM) principles and techniques shall be encouraged as part of the landscaping design. Some examples of IPM principles and techniques include the following:
 - i. Select plants that are well adapted to soil conditions at the site.
 - ii. Select plants that are well adapted to sun and shade conditions at the site. Consider future conditions when plants reach maturity. Consider seasonal changes and time of day.
 - iii. Provide irrigation appropriate to the water requirements of the selected plants.
 - iv. Select pest and disease resistant plants.
 - v. Plant a diversity of species to prevent a potential pest infestation from affecting the entire landscaping plan.
 - vi. Use "insectary" plants in the landscaping to attract and keep beneficial insects.

Landscaping shall also comply with City of Livermore's "Water Efficient Landscape Ordinance". However, areas of a site used for bioswales or other landscaped areas that function as a stormwater treatment measure shall be exempt from the Water Efficient Landscaping requirements.

The City as part of its Public Outreach events provides and promotes the following information to the public:

- a. Promotional items and informational materials described IPM and its controls mechanisms, the benefits of using IPM products, and the OWOW Program. The product included labels that identified the control mechanism, active ingredient(s), and the OWOW local store of purchase
- b. *Stormwater Pollution Brochure, Bay Begins Brochure, Home Maintenance Tips for a Cleaner Bay Brochure, Grow It! Guides, Control It! Guides, Healthy Home and Garden Booklet, Pest Bugging You? Pocket Guides, The 10 Most Wanted Bugs in Your Garden Brochure, A Kid's Guide to Backyard Bug Guides, and Pest or Pal? Activity Guides.*

The City also includes articles pertaining to this subject matter in public newsletters and inserts in water/sewer bills on a routine basis.

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	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
2H3 to 3F2	Flushing		02/18/2010	182 minutes	42,275	250 Gallons per minute	0.03	8	N.A.	Dechlorinated/Inlet Protection
2G4	Flushing		02/17/2010	68 minutes	43,460	500 Gallons per minute	0.03	8.37	N.A.	Dechlorinated/Inlet Protection
2H 1,3,4	Flushing		02/17/2010	187 minutes	68,557	200 Gallons per minute	0.03	8.5	N.A.	Dechlorinated/Inlet Protection
2G2	Flushing		02/09/2010	26 minutes	3300	130 Gallons per minute	0.0	7.3	N.A.	Dechlorinated/Inlet Protection
2G3	Flushing		02/10/2010	30 minutes	16,050	653 Gallons per minute	0.05	7.8	N.A.	Dechlorinated/Inlet Protection
3G1, 3G2	Flushing		02/23/2010	295 minutes	106,090	340 Gallons per minute	0.04	8.48	N.A.	Dechlorinated/Inlet Protection
3G2	Flushing		02/25/2010	70 minutes	17,600	251 gallons per minute	0.04	7.03	N.A.	Dechlorinated/Inlet Protection
3F4	Flushing		02/22/2010	200 minutes	45,900	210 gallons per minute	0.04	6.87	N.A.	Dechlorinated/Inlet Protection
3G2	Flushing		02/24/2010	64 minutes	13,390	210 gallons per minute	0.04	7.03	N.A.	Dechlorinated/Inlet Protection
3G4 and 3H1	Flushing		03/01/2010	140 minutes	61,120	436 gallons per minute	0.03	6.86	N.A.	Dechlorinated/Inlet Protection
3H1 to 3I1	Flushing		03/03/2010	115 minutes	49,645	431 gallons per minute	0.03	6.98	N.A.	Dechlorinated/Inlet Protection
4C1	Flushing		03/03/2010	35 minutes	13,100	374 gallons per minute	0.04	7.14	N.A.	Dechlorinated/Inlet Protection
4C2 to 4D3	Flushing		03/08/2010	60 minutes	12,300	205 gallons per minute	0.05	7.0	N.A.	Dechlorinated/Inlet Protection

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	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ¹ (NTU)	Implemented BMPs & Corrective Actions
5G1 and 5G2	Flushing		03/15/2010	420 minutes	151,950	361 gallons per minute	0.03	8.31	N.A.	Dechlorinated/Inlet Protection
5G3-5H2	Flushing		03/16/2010	200 minutes	55,290	276 gallons per minute	0.01	7.39	N.A.	Dechlorinated/Inlet Protection
6C2 to 6G1	Flushing		03/22/2010	125 minutes	45,685	365 gallons per minute	0.01	8.04	N.A.	Dechlorinated/Inlet Protection
4C3	Flushing		03/08/2010	20 minutes	4,800	240 gallons per minute	0.04	7.11	N.A.	Dechlorinated/Inlet Protection
4G1 to 4H4	Flushing		03/09/2010	75 minutes	26,110	348 gallons per minute	0.04	7.05	N.A.	Dechlorinated/Inlet Protection
4I1-5F4	Flushing		03/10/2010	95 minutes	39,400	414 gallons per minute	0.02	8.06	N.A.	Dechlorinated/Inlet Protection
4F2	Flushing		03/25/2010	30 minutes	20,400	680 gallons per minute	0.02	7.5	N.A.	Dechlorinated/Inlet Protection
3F2	Flushing		03/25/2010	15 minutes	20,385	1359 gallons per minute	0.04	7.5	N.A.	Dechlorinated/Inlet Protection
6G2-6H3	Flushing		03/29/2010	344 minutes	101,155	294 gallons per minute	0.04	8.5	N.A.	Dechlorinated/Inlet Protection
6H1-7H1	Flushing		03/30/2010	245 minutes	89,580	365 gallons per minute	0.04	7.8	N.A.	Dechlorinated/Inlet Protection

Notes: N.A = Not Analyzed. Routine monitoring of turbidity at the receiving waterbody was not feasible given the distance/accessibility from maintenance flushing activity to the outfall at the receiving waterbody.

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

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

Site/ Location	Discharge Type	Receiving Waterbody(les)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual ² (mg/L)	pH ² (standard units)	Discharge Turbidity (Visual) ² .	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁴	Inspector arrival time	Responding crew arrival time
6186 North Front Road	Hydrant Shear	Altamont Creek	03/01/2010	Unknown	>50,000	Unknown	>0.05	N.A.	N.A.	Implementation not feasible	Data not tracked	Data not tracked	Data not tracked	Data not tracked

Most unplanned discharges (discharges >50,000 gallons) are required to be reported to the RWQCB within 24 hours followed by a written report submitted to the RWQCB within 5 days per MRP requirements. This table C.15.b.iii (2) appears to be unnecessary and redundant reporting as this information has already been submitted to the RWQCB in accordance with permit requirements.

- Notes:
1. This table contains all of the unplanned discharges that occurred in this FY.
 2. Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges report all of the data collected.
 4. Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

FY 2009-2010 Annual Report
Permittee Name: City of Livermore

Attachment A: Stormwater Industrial and Commercial Inspection Plan

Stormwater Industrial and Commercial Inspection Plan

I. On an annual basis, the City shall performs stormwater inspections of all NOI facilities, Categorical Industrial Users permitted under the City's Pretreatment Program (CIU), General Industrial/Commercial Users permitted under the City's Pretreatment Program (GEN), Photo Processor Users permitted under the City's Pretreatment Program (PHOTO), and Wash Rack User permitted under the City's Pretreatment Program. The following table provides a specific list of these facilities:

Facility Name	Type	Frequency
Harris Salinas Rebar	NOI/CIU	Annually
Inphenix	NOI/CIU	Annually
Packaging Innovators	NOI/CIU	Annually
Livermore Dublin Disposal	NOI/CIU	Annually
Livermore Municipal Airport	NOI/WR	Annually
Livermore Transit Authority	NOI/WR	Annually
Fenestra Winery	NOI	Annually
FormFactor	NOI/CIU	Annually
FormFactor	NOI/CIU	Annually
Wente Vineyards Estate Winery	NOI	Annually
Fabco Automotive Corporation	NOI	Annually
Schiffenhaus CA	NOI/GEN	Annually
U.S. Foods Service	NOI/WR	Annually
USP Structural Connectors	NOI	Annually
Integrated Manufacturing Group	NOI	Annually
Sanmina SCI	NOI	Annually

Facility Name	Type	Frequency
Ames Taping Tool Systems	GEN	Annually
Astro Pak	GEN	Annually
Culligan Water	GEN	Annually
Arrowhead Mountain Springs	GEN	Annually
Heritage Paper	GEN	Annually
National Food Laboratory	GEN	Annually
Packaging Innovators	GEN	Annually
Protein Research	GEN	Annually
E. Turman & Company	GEN	Annually
Golden Bear Packaging	GEN	Annually
Schiffenhaus	GEN	Annually
Costco	PHOTO	Annually
Rite Aid-1350 N. Vasco Rd.	PHOTO	Annually
SAVE Mart	PHOTO	Annually
Budget Car and Truck Rental	WR	Annually
California Landscape Dimensions, Inc.	WR	Annually
Clark Pest Control	WR	Annually
Cresco Equipment	WR	Annually
Enterprise Rent-A-Car	WR	Annually
Lassiter Excavating	WR	Annually
LAVTA	WR	Annually

Facility Name	Type	Frequency
Las Positas Golf Course	WR	Annually
Les Schwab Tire Center #647	WR	Annually
Livermore Chevron	WR	Annually
Livermore Municipal Airport	WR	Annually
MidCoast Transportation	WR	Annually
Penske Truck Leasing	WR	Annually
Power Washing Services	WR	Annually
Top Grade Construction	WR	Annually
Wal-Mart Tire & Lube Express	WR	Annually
Yamaha Golf Cars of CA	WR	Annually
Zone 7 Water Agency	WR	Annually
B & S Hacienda	WR	Annually
Bernard's Mini Mart	WR	Annually
Cactus Car Wash	WR	Annually
Cal Trans	WR	Annually
First Street-Henderlong	WR	Annually
Groth Brothers	WR	Annually
Harris Salinas Reinforcing	WR	Annually
Hawthorne LLC	WR	Annually
LPFD Fire Station 6	WR	Annually
LPFD Fire Station 7	WR	Annually

Facility Name	Type	Frequency
LPPFD Fire Station 8	WR	Annually
LPPFD Fire Station 10	WR	Annually
L Street Car Wash	WR	Annually
Las Positas Shell	WR	Annually
Livermore Audi	WR	Annually
Livermore Car Wash	WR	Annually
Livermore Dublin Disposal	WR	Annually
Livermore Honda	WR	Annually
Livermore Jaguar	WR	Annually
Livermore Porsche	WR	Annually
Livermore Subaru	WR	Annually
Livermore Police Department	WR	Annually
Mathew's Machinery	WR	Annually
Boat Masters	WR	Annually
City of Livermore, MSC	WR	Annually
Dun-Rite	WR	Annually
Hertz Equipment Rental	WR	Annually
Interstate Storage	WR	Annually
JCs RVs	WR	Annually
Livermore Auto Group-2232 Kitty Hawk	WR	Annually
Livermore Auto Group-2266 Kitty Hawk	WR	Annually

Facility Name	Type	Frequency
Livermore Auto Group-2304 Kitty Hawk	WR	Annually
Mountain Cascade	WR	Annually
Olympic Boat Centers	WR	Annually
Quentin Bammer/Moeller Bros.	WR	Annually
R. Lance & Sons	WR	Annually
SAB Stanley Shell	WR	Annually
SpeeDee Wash	WR	Annually
Sunbelt Rentals	WR	Annually
U.S. Foodservice	WR	Annually
Vasco 76	WR	Annually
Vasco Road Chevron	WR	Annually
White Oak Landscaping	WR	Annually

II. The 5-Year inspection plan detailed below outlines how the City of Livermore will prioritize its inspection to adequately address the requirements of Provision C.4.b.:

Fiscal Year 2009/2010: All Pretreatment and NOI Facilities identified in Table 1.0 (91 Facilities)

All Facilities Listed under SIC 3599, Industrial and Commercial Machinery and Equipment (19 Facilities)

All Facilities Listed under SIC 3679, Electronic Components Manufacturing (5 Facilities)

All Facilities Listed under SIC 3089, Plastic Products (3 Facilities)

FY 2009/2010: Goal-99 Facility Inspections

Fiscal Year 2010/2011: All Pretreatment and NOI Facilities identified in Table 1.0 (91 Facilities)

All Facilities Listed under SIC 7532, Automotive Body Shops, and

All Facilities Listed under SIC 7538, Automotive Repair Shops (47 Facilities)

All Facilities Listed under SIC 5541, Gasoline Service Stations (27 Facilities)

FY 2010/2011- 165 Facility Inspections

Fiscal Year 2011/2012: All Pretreatment and NOI Facilities identified in Table 1.0 (91 Facilities)

All Facilities Listed under SIC 5812, Restaurant with a Grease Interceptor (107 Facilities)

FY 2011/2012- 198 Facility Inspections

Fiscal Year 2012/2013: All Pretreatment and NOI Facilities identified in Table 1.0 (91 Facilities)

All Facilities Listed under SIC 8711, Engineering Services (17 Facilities)

All Facilities Listed under SIC 8731, R&D Labs-Commercial (5 Facilities)

All Facilities Listed under SIC 8734, Testing Labs (2 Facilities)

All Facilities Listed under SIC 5093, Scrap & Waste Materials
(2 Facilities)

All Facilities Listed under SIC 4212, Local Trucking (5 Facilities)

All Facilities Listed under SIC 5261, Retail Nurseries (4 Facilities)

All Facilities Listed under SIC 5211, Lumber and Other Building
Material Dealers (7 Facilities)

FY 2012/2013- 133 Facility Inspections

Fiscal Year 2013/2014: All Pretreatment and NOI Facilities identified in Table 1.0 (91 Facilities)

All Facilities Listed under SIC, Restaurant with a Grease Trap or No
Grease Removal Device (102 Facilities)

FY 2013/2014- 193 Facility Inspections

The “number” of facilities listed under each SIC in this 5-Year Inspection plan is based upon a query of the City’s Business License Database performed in January 2010. Prior to each fiscal year, a new query of the database shall be performed to get the most updated figure for that year’s facility type scheduled to be inspected.

Attachment B: Illicit Discharge Reports

Date	Reason for Investigation	Location of Incident	Discharge Type													Discharge Cannot be Stopped	Discharge Stopped	Corrective Action Info Distributed	Legal Action				Additional Comments	Attachments										
			Industrial Business	Commercial Business	Residential Area	Other Source	Source ID YES	Source ID #	Frequency of Discharge	Illegal Dumping	Illicit Connection	Poor Mgmt Practices	Paint	Concrete	Construction Debris				Sediment Mud	Food Wastes	Yard Wastes	Industrial Waste			Concrete Cutting Slurry	Veh Clean Washwaters	Blde Sidewalk Washwaters	Other Washwaters	Sewage	Automotive Fluids	Other Description	None	Verbal Notice	Warning Notice
03/11/2010	During Field Surveys	JP RV's Repo De	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	JP RV's Repo Depot was washing off their washrack.							
		Inspection Staff Routine Field Survey							One Time Incident																									
03/19/2010	During Field Surveys	Hawthorn Suites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notify employee(s) to stop throwing butts in stormdrain.							
		Inspection Staff Routine Field Survey							Continuous Discharge																									

Record Count for March 2010 = 2

Total Reports: 5

Date	Reason for Investigation	Location of Incident	Discharge Type															Discharge Cannot be Stopped	Discharge Stopped	Corrective Action Info Distributed	Verbal Notice	Warning Notice	Admin Action Notice	Admin Action Penalty	Legal Action	Additional Comments	Attachments														
			Industrial Business	Commercial Business	Residential Area	Other Source	Source ID YES	Source ID #	Frequency of Discharge	Illegal Dumping	Illicit Connection	Poor Mgmt Practices	Paint	Concrete	Construction Debris	Sediment Mud	Food Wastes											Yard Wastes	Industrial Waste	Concrete Cutting Slurry	Veh Clean Washwaters	Blag Sidewalk Washwaters	Other Washwaters	Sewage	Automotive Fluids	Other	Other Description				
07/15/2009	From Calls		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Illegal Dumping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>							Homeowner was asked to clean up mess, he did.									
	Public							One Time Incident																								Paint BMP									
07/13/2009	From Calls	1137 Madrone W	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Car owner was instructed to fix oil leaks immediately	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Owner was instructed to call Source Control with the week for cleanup verification. Leak did NOT reach the storm drain.	
	Public							Intermittent Dishcharge																								Stormwater regs a									

Date	Reason for Investigation	Location of Incident	Discharge Type																	Discharge Cannot be Stopped	Discharge Stopped	Corrective Action Info Distributed	None	Verbal Notice	Warning Notice	Admin Action Notice	Admin Action Penalty	Legal Action	Additional Comments	Attachments									
			Industrial Business	Commercial Business	Residential Area	Other Source	Source ID YES	Source ID #	Frequency of Discharge	Illegal Dumping	Illicit Connection	Poor Mgmt Practices	Paint	Concrete	Construction Debris	Sediment Mud	Food Wastes	Yard Wastes	Industrial Waste												Concrete Cutting Slurry	Veh Clean Washwaters	Big Clean Washwaters	Blkg Sidewalk Washwaters	Other Washwaters	Sewage	Automotive Fluids	Other	Other Description
05/12/2010	From Calls	Ultracor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illgal Dumping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rinsing parts from bath to parking lot behind business. Lot flows to stormdrain									
	Public								Intermittent Disharge																														
05/24/2010	From Calls	Emil Villa's	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rinsing back area. Told him to sweep									
	City of Livermore, Other																																					Restaurant BMP	
05/17/2010	From Calls	432 Wall Ct	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Homeowne r said it was contractor but he would clean it upl										
	Public																																					Swimming pool B	
05/11/2010	During Field Surveys	Guerrero's Tires	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illgal Dumping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tire place has illegal wash rack next to business									
	Inspection Staff Routine Field Survey								Intermittent Disharge																														
05/13/2010	During Field Surveys	illicit washing at	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>										
	Inspection Staff Routine Field Survey								One Time Incident																													Stormwater ordina	

Date	Reason for Investigation	Location of Incident	Discharge Type															Discharge Stopped	Discharge Cannot be Stopped	Corrective Action Info Distributed				Legal Action	Additional Comments	Attachments													
			Source ID #	Source ID YES	Other Source	Residential Area	Commercial Business	Industrial Business	Frequency of Discharge	Illegal Dumping	Illicit Connection	Poor Mgmt Practices	Paint	Concrete	Construction Debris	Sediment Mud	Food Wastes			Yard Wastes	Industrial Waste	Concrete Cutting Slurry	Veh Clean Washwaters				Blgd Sidewalk Washwaters	Other Washwaters	Sewage	Automotive Fluids	Other	Other Description	None	Verbal Notice	Warning Notice	Admin Action Notice	Admin Action Penalty		
06/22/2010	From Calls	4386 Amherst W	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Concrete slurry dried in gutter, needs cleaning.				
	Public								One Time Incident																														
06/07/2010	From Calls	Gutter on Baylor	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asked owner to clean gutter. Was completed on 6/10								
	Public								One Time Incident																								Stormwater ordina						
06/16/2010	During Field Surveys	Behind First Buff	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Illegal Dumping	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dumpster was being washed to stormdrains. Practice has been stopped.	Restaurant BMP's							
	Inspection Staff Routine Field Survey								One Time Incident																														
06/16/2010	During Field Surveys	Malmberg Engine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required training of employees.								
	Inspection Staff Routine Field Survey								One Time Incident																								Cutting oil						
06/16/2010	During Field Surveys	1601A Railroad A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>									
	Inspection Staff Routine Field Survey								One Time Incident																														
06/01/2010	From Calls	Utility sink discha	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Poor Management P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Instructed resident to stop discharging washwater to driveway					
	Public								Intermittent Discharge																								Stormwater info/d						

Date	Reason for Investigation	Location of Incident	Source ID #	Source ID YES	Other Source	Residential Area	Commercial Business	Industrial Business	Frequency of Discharge	Discharge Type														Corrective Action Info Distributed	None	Verbal Notice	Warning Notice	Admin Action Notice	Admin Action Penalty	Legal Action	Additional Comments	Attachments
										Illegal Dumping	Illicit Connection	Poor Mgmt Practices	Paint	Concrete	Construction Debris	Sediment Mud	Food Wastes	Yard Wastes	Industrial Waste	Concrete Cutting Slurry	Veh Clean Washwaters	Bldg Sidewalk Washwaters	Other Washwaters									

Record Count for June 2010 = 6

Total Reports: 18

FY 2009-2010 Annual Report
Permittee Name: City of Livermore

Attachment C: Purchase Order Contract for Pest Control Services

Finance Dept./Purchasing
 1052 South Livermore Avenue
 Livermore, CA 94550
 (925) 960-4340 Fax: (925) 960-4344
 http://www.ci.livermore.ca.us

PAGE NO. 1

VENDOR
 10004515
 ORKIN INC.
 3095 INDEPENDENCE DRIVE SUITE C
 LIVERMORE CA 94551-7629

SHIP TO
 ATTN: MAINTENANCE SERVICES
 CITY OF LIVERMORE
 3500 ROBERTSON PARK ROAD
 LIVERMORE CA 94550
 ATTN: MARK ANDERSON

ORDER DATE: 08/04/10	BUYER: LESLIE YOUNG	REQ. NO.: 0	REQ. DATE:
TERMS: NET 30 DAYS	F.O.B.: DESTINATION	DESC.: BLKT CONTRACT FOR SERVICE	

ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
THIS IS A BLANKET CONTRACT FOR SERVICES AND THE TERMS AND CONDITIONS ON THE REVERSE APPLY. CONTRACTOR MUST SUPPLY ALL LABOR, MATERIALS, SUPPLIES, AND EQUIPMENT NECESSARY TO PERFORM THE FOLLOWING AS REQUIRED, DURING THE TERM OF JULY 1, 2010 THROUGH JUNE 30, 2011. NO ONE PURCHASE SHALL EXCEED \$5,000 AND PO #BCS06656 MUST BE ON ALL INVOICES RELATED TO THIS BLANKET FOR PROMPT PAYMENT PROCESSING:					
01	1.00	LOT	VENDOR TO PROVIDE THE CITY OF LIVERMORE WITH PEST CONTROL FOR ALL CITY FACILITIES AS LISTED BELOW AS PER QUOTE BY GARY ROLLINS ON A ONCE A MONTH BASIS OR AS STATED;	0000	.00
02	1.00	LOT	RINCON LIBRARY, SPRINGTOWN LIBRARY, MAIN LIBRARY, COUNCIL CHAMBERS, MULTI SERVICE CENTER, CITY HALL POLICE DEPT., PUBLIC WORKS, FIRE STATION #6, #7, #8, #10,	0000	.00
03	1.00	LOT	2ND STREET BLDG AND AIRPORT. THE OLD LIBRARY 2 TIMES A MONTH AND PARKING GARAGE EVERY OTHER MONTH. ***BLANKET SHALL NOT EXCEED \$18,000.00 ANNUALLY**	0000	.00

CONTRACTOR
AUTHORIZED SIGNATURE
TITLE
DATE

Risk Manager BAH
 Purchasing LS
 BL Required Yes No
 OK 057083

ITEM#	ACCOUNT	AMOUNT	PROJECT CODE	PAGE TOTAL \$	TOTAL \$
01	7792 43100	.00		.00	.00
02	1901 43100	.00			
02	1904 43100	.00			
02	1905 43100	.00			
03	2120 43130	.00			
To Vendor 8/11/10					

APPROVED BY Leslie Young 8/5/10
 PURCHASING COPY (DIRECTOR OF PURCHASING)

Finance Dept./Purchasing
 1052 South Livermore Avenue
 Livermore, CA 94550
 (925) 960-4340 Fax: (925) 960-4344
 http://www.ci.livermore.ca.us

PAGE NO. 1

VENDOR
 10004515
 ORKIN INC.
 3095 INDEPENDENCE DRIVE SUITE C
 LIVERMORE CA 94551-7629

SHIP TO
 ATTN: WATER RESOURCES DIVISION
 CITY OF LIVERMORE
 101 WEST JACK LONDON BLVD.
 LIVERMORE CA 94550
 ATTN: MIKE DOZIER

ORDER DATE: 08/04/10		BUYER: LESLIE YOUNG		REQ. NO.: 0	REQ. DATE:
TERMS: NET 30 DAYS		F.O.B.: DESTINATION		DESC.: BLKT CONTRACT FOR SERVICE	
ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
01	1.00	LOT	VENDOR TO PROVIDE CITY OF LIVERMORE WATER RESOURCES AT 101 W. JACK LONDON BLVD. PEST CONTROL SERVICES ON A MONTHLY BASIS. **BLANKET NOT TO EXCEED \$5,000.00**	.0000	.00

CONTRACTOR
AUTHORIZED SIGNATURE
TITLE
DATE

Risk Manager Buy
 Purchasing [Signature]
 BL Required Yes No
 o/c 05/083

ITEM#	ACCOUNT	AMOUNT	PROJECT CODE	PAGE TOTAL \$.00
01	2300 43100	.00		TOTAL \$.00
				To Vendor 8/11/10	

APPROVED BY [Signature] 8/5/10
 PURCHASING COPY DIRECTOR OF PURCHASING

Attachement D: Integrated Pest Management Policy for City-Owned Facilities



INTEGRATED PEST MANAGEMENT POLICY FOR CITY-OWNED FACILITIES

Background

The City's National Pollutant Discharge Elimination System (NPDES) permit from the California Regional Water Quality Control Board (NPDES Permit, Order No. R2-2003-0021) issued to the member agencies of the Alameda Countywide Cleanwater Program requires that the City develop and implement an integrated pest management plan to address urban stream impairment by pesticides. In particular, organophosphate-containing pesticides (e.g., Diazinon and chlorpyrifos) have been found to persist in the environment and cause water quality impairment of some creeks, streams, and arroyos in Alameda County. This NPDES permit also requires the City is to implement measures to reduce discharges of copper into the San Francisco Bay.

Using non-chemical controls, biological controls, and less toxic chemicals instead of using copper-based and organophosphate pesticides to deal with pest problems will help reduce the impacts to local arroyos and San Francisco Bay.

Purpose and Goals

This policy sets forth the guiding principles for development and implementation of Integrated Pest Management (IPM) on all City properties. The goals of the IPM policy and its implementation throughout the city are to:

- A. Reduce or minimize pesticide use on City properties to ensure the City maintains compliance with NPDES permit requirements.
- B. Reduce the use of widespread spectrum pesticides when feasible.
- C. Create awareness among City staff of pest management techniques
- D. Provide a means of educating all City departments to practice the most appropriate approach to managing pests on City properties.
- E. Reduce or minimize pesticide use on City properties.
- F. Reduce the adverse impacts to water quality (both in local arroyos and the San Francisco Bay) due to pesticide usage.

Prevention

The first and most important part of any pest control plan is preventing the conditions that attract pests and result in a pest control problem. All City employees should remember to implement the following Good Housekeeping practices in their workstations, vehicles, break-rooms etc. to prevent the conditions that result in providing a food source and habitat that attract unwanted pests:

- A. Keep your workstation/office free of food scraps. Properly dispose of food wastes in a garbage container, which is sealed with a lid.
- B. Do not leave food out overnight. Refrigerate all food or store in pest-proof containers.

- C. Regularly wipe and clean counter top areas and tables where food is prepared and/or consumed.
- D. Keep waste storage/dumpster areas clean and free of litter and debris.
- E. Report pest control problems in a timely manner to the individual responsible for building maintenance activities in your department.
- F. And Remember: ***Pests are only a symptom. Food Sources and habitat are the real problem.***

Definitions

The following definitions are used in this Article:

Biological control - The use of biological technologies to manage unwanted pests. Examples of this type of control include, but would not be limited to the use of pheromone traps or beneficial insect release for control of certain types of weeds or invasive insects in landscapes.

Cultural control - The use of IPM control methods such as grazing, re-vegetation, piscing, mulching, proper irrigation, seeding, and landscaping with competitive or tolerant species to manage unwanted weeds, rodents or plant diseases.

DPR - Department of Pesticide Regulations for the State of California's Environmental Protection Agency DPR, in partnership with Federal Environmental Protection Agency (EPA) and County Department of Agriculture, oversees all issues regarding the registration, licensing and enforcement of laws and regulations pertaining to pesticides.

Environmental Stewardship - The strategic approach to pest management in which the IPM practitioners focus on preserving the natural integrity and health of the environment, including public safety, while recommending or applying pest management methods. Environmental Stewardship philosophy helps to create awareness of the Best Management Practices (BMPs) and their relationship to maintaining a healthy environment while conducting pest management activities.

Integrated Pest Management (IPM) - IPM is the strategic approach that focuses on long-term prevention of pests and their damage from reaching unacceptable levels by selecting and applying the most appropriate combination of available pest control methods. These include cultural, mechanical, biological and chemical technologies that are implemented for a given site and pest situation in ways that minimize economic, health and environmental risks.

Mechanical controls - The use of IPM control methods utilizing hand labor or equipment such as mowers, graders, weed-eaters, and chainsaws. Crack and crevice sealants and closing small entryways (i.e., around pipes and conduits) into buildings for insect and rodent management are also mechanical controls.

PCA - PCA or Pest Control Advisor is one licensed by the California Department of Pesticide Regulations according to Title 3, Article 5 of the California Code of Regulations. A licensed PCA, who is registered with the County Agricultural Commissioner provides written pest control recommendations for agricultural pest management, including parks, cemeteries, and rights-of-way.

Pesticides - Defined in Section 12753 of the California Food and Agricultural Code as any spray adjuvant, or any substance, or mixture of substances intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest, as defined in Section 12754.5 (of the Food and Agricultural Code), which may infest or be detrimental to vegetation, man, animals, or households, or be present in any agricultural or nonagricultural environment whatsoever. The term pesticide applies to herbicides, insecticides, fungicides, rodenticides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides

QAL - Qualified Applicators License is a licensed applicator according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, institutional, landscape, or rights-of-way sites.

QAC - Qualified Applicators Certificate is a certified applicator of pesticides according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, landscape, or rights-of-way sites.

Structural Pest Control Operator (SPCO- Branch I, II or III) - A licensed applicator for pest control within buildings and homes according to the requirements of the Structural Pest Control Board of the California Department of Consumer Affairs.

Integrated Pest Management (IPM) Policy

The City of Livermore, including all departments and staff herein, and contractors providing pest control services on City property shall follow the City's IPM policy for the control or management of pests in and around city buildings and facilities, parks and golf courses, urban landscape areas, rights-of-way, and other City properties.

Licensed Pest Control Advisors or individuals with valid Qualified Applicators License and/or Qualified Applicators Certificate will consider the options or alternatives listed below in the following order, before recommending the use of or applying any pesticide on City property:

- A. No controls (e.g., tolerating the pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds)
- B. Physical or mechanical controls (e.g., hand labor, mowing, etc.)
- C. Cultural controls (e.g., mulching, disking, alternative vegetation)
- D. Biological controls (e.g., natural enemies or predators)
- E. Reduced-risk chemical controls (e.g., soaps or oils)

City employees, Licensed Pest Management Contractors and other appropriately licensed contractors or individuals (QAL, QAC, SPCO), employed to control or manage pests will follow the City's Integrated Pest Management Policy and utilize generally accepted Best Management Practices to the maximum extent practicable. Pesticide Applicators will use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

All City departments and employees will promote non-toxic and reduced-risk alternatives for structural and landscape pest control, seeking to use the most up to date IPM technologies and best management practices. The City will provide education for all City staff regarding IPM practices. The Water Resources Division along with the Parks and Trees Division, the Golf

Course Division, and the Building Maintenance Division will provide information to business owners/operators, residents, and contractors employed in special assessment service districts with information regarding the City's IPM Policy.

New contracts that are entered into with pest management contractors and other appropriately licensed contractors employed to provide services that involve pesticide application at City-owned properties after **January 1, 2006** will include requirements that the contractors follow the requirements of the City's Integrated Pest Management Policy and implement the most current IPM technologies and best management practices.

City of Livermore property leaseholders will be informed of the City's IPM Policy by and encouraged to use, whenever practical, the most current IPM technologies and best management practices.

Pesticide Application

Only City of Livermore employees or appropriate licensed contractors employed by the City who are authorized and trained in pesticide application (i.e., hold PCA, QAL, QAC, or Structural Branch Operator I, II, or III certifications/licenses or individuals working under the supervision of one of the aforementioned certificate/license holders) may apply pesticides to or within City property.

City employees who are not authorized and trained in pesticide application are prohibited from using any pesticides, including "over-the-counter brands", in or around the work place. If insects or other pests are infesting a work area, contact **the Purchasing Department (ext. 4342)** to arrange for a pest management contractor or authorized personnel to apply the appropriate control methods.

City of Livermore employees and/or contractors employed by the City who are trained to recommend or apply pesticides will not use or promote the use of organophosphate pesticides (e.g., those containing Diazinon and chlorpyrifos) or copper-based pesticides unless:

1. Their use is judicious,
2. Other approaches and techniques have been considered, and;
3. Adverse water-quality impacts are minimized to the maximum extent practicable.

When recommending pesticides for use or applying pesticides, the element of Environmental Stewardship must always be taken into consideration. City employees, pest management contractors, and other appropriately licensed contractors employed by the City will select and apply IPM methods that will have the least impact on water quality and the environment.

City employees or appropriately licensed contractors employed by the City will always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use will not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water. Discharges of pollutants from the use of aquatic pesticides to the waters of the United States require coverage under a NPDES permit. Those city employees or appropriately licensed contractors employed by the City who apply pesticides directly to waters of the United States will

obtain a NPDES permit from the California State Water Quality Resources Control Board Region 2, prior to making any pesticide applications.

City Employee and Pest Control Contractor Training for PCA, QAL, QAC or Structural Pest Control Operators

(Branch I, II, and III)

Pest Control Advisors and Applicators, pest management contractors, and other “contract for service providers” servicing city-owned properties will be licensed by the State of California Department of Pesticide Regulations (DPR) as a Pest Control Advisor or licensed Qualified Applicator. City employees involved with pesticide applications as a normal part of their job duties and pest management contractors hired by the City will be trained as required by State of California DPR rules, the County Agricultural Commissioner, and/or the Structural Pest Control Board.

City Staff responsible for pest management on City property will provide annual training to all employees who apply pesticides as a normal part of their job duties on:

1. Pesticide Safety,
2. The City's IPM Policy, and
3. Appropriate Best Management Practices and Integrated Pest Management Technologies supported by the Alameda Countywide Clean Water Program

Education and Outreach

The Water Resources Division's Source Control Program, in participation with the Alameda Countywide Clean Water Program, will continue with its existing program to encourage people who live, work, and/or attend school in Livermore to:

1. Obtain information on IPM techniques to control pests and minimize pesticide use;
2. Use IPM technologies for dealing with pest problems;
3. Perform pesticide applications according to the manufacturer's instructions as detailed on the products label, and in accordance with all applicable State and Local Laws and Regulations set forth to protect the environment, the public, and the applicator; and
4. Properly dispose of unused pesticides and their containers.

Reporting Requirements

Each City department, pest management contractor, or other appropriately licensed contractors employed by the City to provide services that involve pesticide application will submit an **Annual Pesticide Use Summary Report** for each service site, which details the product name, pesticide type (i.e. Pyrethroid, Carbamate, organophosphate, etc.) along with the total quantity of each pesticide used during the prior Fiscal Year (July 1, xxx1 to June 30, xxx2) in order to provide an accounting of pesticide use at City-owned properties. **Annual Pesticide Use Summary Report's shall be submitted by July 15th of each year to the Water Resources Division's Environmental Compliance Supervisor.** This information is reported as a part of the City's NPDES Stormwater Permit Annual Report compiled by the Water Resources Division's Source Control Program.

Each City department that applies pesticides will conduct an **Annual Inventory** by **June 30th** of each fiscal year. Each City department subject to this requirement will complete an **Annual Inventory Report Form** which lists the product name, pesticide type (i.e. Pyrethoid, Carbamate, organophosphate, etc.) and the quantity on hand, as well as, identify pesticides that are no longer legal or appropriate for applications per Federal, State, County, or City requirements. **Annual Inventory Reports shall be submitted by July 15th of each year to the Water Resources Division's Environmental Compliance Supervisor.** This information is reported as a part of the City's NPDES Stormwater Permit Annual Report compiled by the Water Resources Division's Source Control Program.

Annual Inventory Report Forms and Annual Pesticide Use Summary Report Forms are attached to this policy. Additional Forms may be obtained by contacting the Water Resources Division at 925-960-8100.

Policy Approved and Adopted by:

| (Signed Copy on File: Originally Submitted to the RWQC with 2004/2005 Annual Deliverables)—

Dan McIntyre, Public Works Director

Date

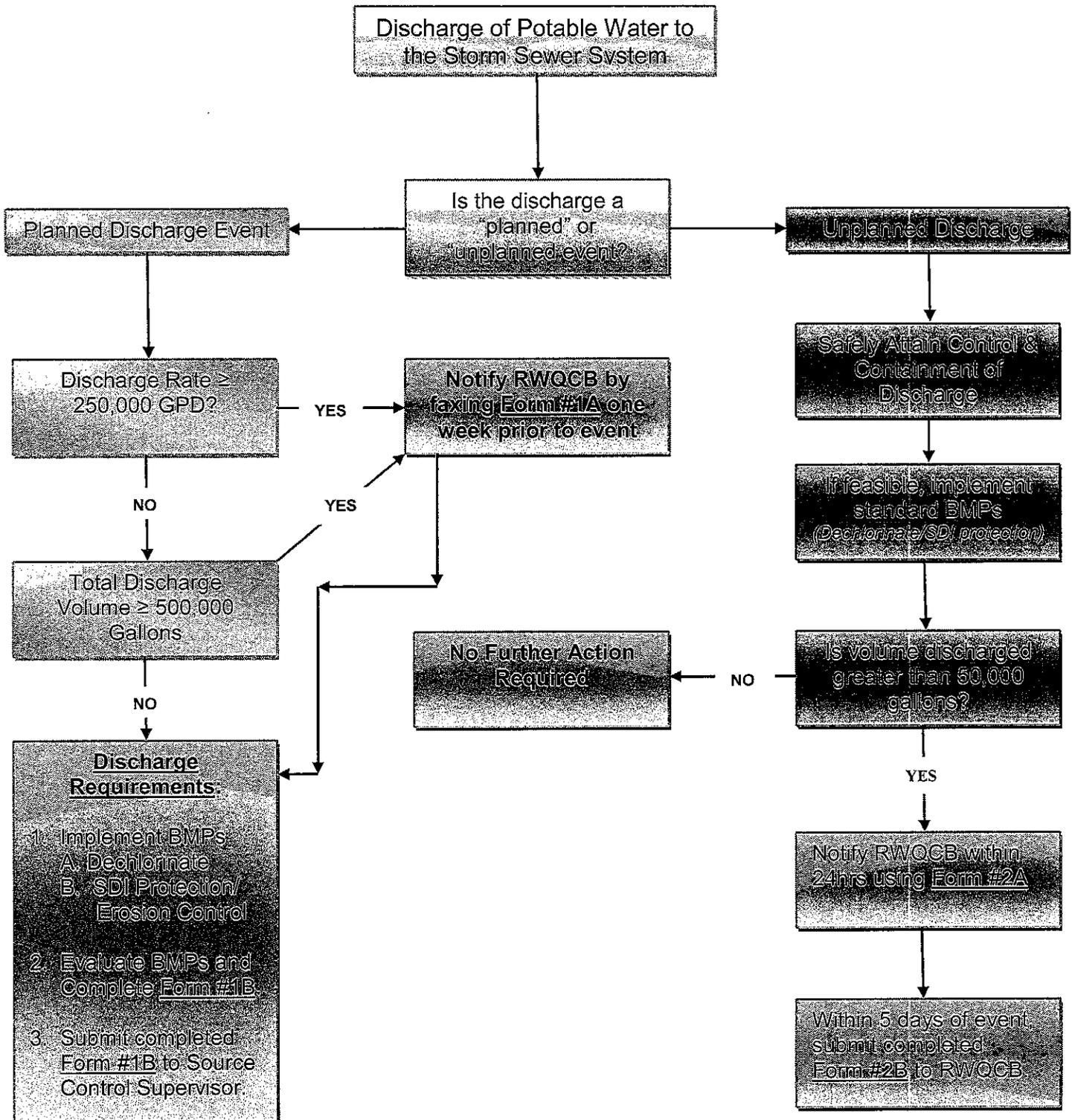
FY 2009-2010 Annual Report
Permittee Name: City of Livermore

Attachement E: Potable Water System Discharge to Storm Sewer System Plan & Report Forms).

City of Livermore

POTABLE WATER SYSTEM DISCHARGE TO STORM SEWER SYSTEM PLAN

The purpose of this plan is to ensure that potable water discharges from the City of Livermore's water system is in compliance with Provision C.15, Conditionally Exempt Discharges, of the Municipal Regional Stormwater Permit, Order No. R2-2009-0074.



City of Livermore

REPORT TO RWQCB DOCUMENTING UNPLANNED POTABLE WATER SYSTEM DISCHARGE INCIDENT

Date of Report: _____

Date of Incident: _____

Date 24-HR Notification provided to RWQCB: _____

Type of Incident (Check One):

Water Line Break Water Line Leak

Fire Hydrant Shear Emergency Flushing

Other: _____

Location of Incident: _____

Estimate of Total Volume Discharged (Gallons): _____

Was Monitoring of Discharge Performed? YES; pH: _____ Chlorine Residual: _____

Turbidity of Receiving Water (NTU): _____

NO, NOT FEASIBLE

Provide Description of Incident and Corrective Actions Taken: _____

Report Completed By: _____
(Signature)

City of Livermore

RWQCB NOTIFICATION FOR PLANNED POTABLE WATER SYSTEM DISCHARGE

Per the requirements of Order No. R2-2009-0074, Section C.15.b.iii(1) Planned Discharges, the City of Livermore is hereby notifying the San Francisco Bay Regional Water Quality Control Board of the following planned discharge from its potable water system:

Project Name: _____

Type of Discharge: _____

Name of Receiving Waterbody: _____

Scheduled Date of Discharge: _____

Scheduled Time of Discharge (in military time): _____

Estimated Flow Rate (GPD): _____ **Estimated Flow Volume (Gallons):** _____

Monitoring of the Receiving Waterbody and Discharge is (check appropriate box):

Feasible : [See Attached Monitoring Plan]

Not Feasible : [See Explanation Provided]

Explanation: _____

Dated Faxed: _____

Report Completed By: _____

(Signature)

(Submit Copy of Completed Form to: Source Control Supervisor)

City of Livermore

PLANNED POTABLE WATER SYSTEM DISCHARGE REPORT

Project Name: _____

Date RWQCB Notified: _____

Type of Discharge: _____

Date of Discharge: _____

Duration of Discharge (in minutes): _____

Estimated Flow Rate (GPD): _____ Estimated Flow Volume (Gallons): _____

Monitoring Data Recorded

pH of Discharge: _____ (Targeted Range: 6.5 and 8.5)

Chlorine Residual: _____ (Targeted Range: <0.05 mg/l)

If feasible:

Turbidity of Receiving Water (NTU): _____

Description of Receiving Water Monitoring Point: _____

Description of BMPs and/or Corrective Actions: _____

Dated of Report: _____

Report Completed By: _____

(Signature)

(Submit Copy of Completed Report to: Source Control Supervisor)

City of Livermore

RWQCB NOTIFICATION OF UNPLANNED POTABLE WATER SYSTEM DISCHARGE

Per the requirements of Order No. R2-2009-0074, Section C.15.b.iii (2) Unplanned Discharges, the City of Livermore is hereby notifying the RWQCB of the following unplanned discharge incident from its potable water system:

Date of Discharge: _____

Type of Incident (Check One): Water Line Break Water Line Leak
 Fire Hydrant Shear Emergency Flushing
 Other: _____

Location of Incident: _____

Was Chlorine Residual of Potable water released > 0.05 mg/l? Yes No

Was Total Discharge Volume of Potable water released > 50,000 gallons? Yes No

Additional Comments: _____

Dated Faxed: _____ Report Completed By: _____

Time Faxed: _____ (Signature)

(Submit Copy of Completed Form to: Source Control Supervisor)
(Attach Copy of Form to: Callout Sheet)

FY 2009-2010 Annual Report
Permittee Name: City of Livermore

See Attached "City of Livermore Stormwater Pump Station Inspection Form"

CITY OF LIVERMORE STORMWATER PUMP STATION INSPECTION FORM

Per the requirements of Order No. R2-2009-0074, Section C.2.d.ii. (2), Stormwater Pump Stations, the City is required to:

- (1) Dry Season (July-September): Inspect and collect dissolved oxygen (DO) data from all stormwater pump stations twice per year during the dry season
- (2) Wet Season (October - April 15): Inspect Pump Stations a minimum of two times in the first business day after a 1/4 -inch and larger storm event after a minimum of a two week period with no precipitation

I. Storm Water Pump Station: _____ Date of Inspection: _____

Type of Inspection: Wet Season (Oct.-April) Dry Weather (July-Sept.)

Date of Last Rain Event: _____

Receiving Water: _____

Stage of Receiving Water: Flowing: _____ Dry/No Flow

II. Conditions Observed in Stormwater Pump Station:

Please provide a check in the respective box if any of the following were observed in the pump station:

Trash Color Turbidity Odor Hydrocarbons

Additional Comments/Observations: _____

Estimated Volume of Trash Removed: _____

III. Dissolved Oxygen Measurement

(Complete this section for DRY Season Inspections only/ Monitoring NOT Required if receiving water is Dry/No Flow)

Monitoring Location: Wet Well Pump Station Outfall Other: _____

Monitoring Method: _____

Time when monitoring was performed: _____

Dissolve Oxygen Monitoring Results: _____ milligrams per liter

If D.O. is less than 3.0 milligrams per liter, notify the Source Control Supervisor within 24 hours. Sample results, in which the measured D.O. is less than 3.0 milligrams per liter require the implementation of corrective actions and require additional monitoring

IV. Inspection Complete by: _____

(SIGNATURE)