

Fire Department • Fire and Environmental Protection Division  
500 Castro Street • City Hall • 4th Floor • Mountain View, California 94041-2010  
650-903-6378 • FAX 650-962-1430

September 15, 2010

MR BRUCE H WOLFE—EXECUTIVE OFFICER  
SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD  
1515 CLAY STREET #1400  
OAKLAND CA 94612

CITY OF MOUNTAIN VIEW FISCAL YEAR 2009-10 ANNUAL REPORT

Dear Mr. Wolfe:

This letter and the Annual Report with enclosure are submitted by the City of Mountain View pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No. CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board (RWQCB). The Annual Report provides documentation of activities conducted during Fiscal Year 2009-10 and consists of the following:

- A. Certification Statement
- B. Annual Report Form
  - Table of Contents
  - Completed Annual Report Form: Sections 1-15
- C. Appendix
  - Table of Contents
  - Appendices

Please contact me at (650) 903-6225 regarding any questions or concerns.

Sincerely,



Eric Anderson  
Urban Runoff Coordinator

EA/8/FIR/151-08-30-10L-E^

Enclosures

cc: Mr. Adam Olivieri, SCVURPPP, Program Manager

Ms. Sue Ma, RWQCB

FM

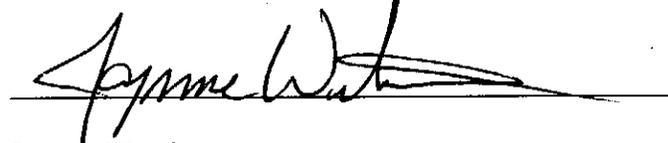
**CITY OF MOUNTAIN VIEW**  
**FY 2009-2010 ANNUAL REPORT**

**ATTACHMENT A**

**Certification Statement**

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

**Signature by Duly Authorized Representative:**

A handwritten signature in black ink, appearing to read "Jaymae Wentker", is written over a horizontal line.

Jaymae Wentker  
Fire Marshal

September 7, 2010

**ATTACHMENT B**

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Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Mountain View				
Population:	74,500				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July / 2009 through June / 2010				
Name of the Responsible Authority:	Jaymae Wentker	Title:	Fire Marshal		
Mailing Address:	500 Castro Street, City Hall – 4 <sup>th</sup> Floor				
City:	Mountain View, CA	Zip Code:	94041	County:	Santa Clara
Telephone Number:	650-903-6378	Fax Number:	650-962-1430		
E-mail Address:	Jaymae.wentker@mountainview.gov				
Name of the Designated Stormwater Management Program Contact (if different from above):	Eric Anderson	Title:	Urban Runoff Coordinator		
Department:	Fire Department – Fire and Environmental Protection Division				
Mailing Address:	500 Castro Street, City Hall – 4 <sup>th</sup> Floor				
City:	Mountain View	Zip Code:	94041	County:	Santa Clara
Telephone Number:	650-903-6225	Fax Number:	650-962-1430		
E-mail Address:	eric.anderson@mountainview.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:

During FY 09-10 the City implemented the following: 1) completed the pump station inventory by March 1, 2010; 2) reviewed and continued implementation of its SWPPP for the City's Municipal Operations Center; 3) participated in the Program's Municipal Operations Ad Hoc Task Group (AHTG) and review of AHTG products, including pump station sampling guidance; and 4) met internally to coordinate and plan implementation strategies for new requirements in the Municipal Regional Permit.

**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:

<b>X</b>	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
<b>X</b>	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.
<b>X</b>	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments: The City owns and operates equipment that is capable of providing assistance with controlling pollutant sources from street and road repair and maintenance, including vacuum equipment and sweepers. The use of asphalt grinding equipment has minimized the use of saw-cutting equipment.

**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:

<b>X</b>	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
<b>X</b>	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

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**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:

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

Comments: City crews do not perform bridge maintenance activities directly over water. BMPs are implemented during structural maintenance activities. Graffiti is either painted or removed by a product and rag. Graffiti removal does not involve washing operations.

**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 stations<sup>1</sup> (add more rows for additional pump stations): **Pump stations listed, but results not required for this Annual Report.**

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Shoreline Pump Station (1109 Charleston Road)				
Crittenden Pump Station ((2100 Crittenden Lane)				
High Level Ditch (Service road B/w Crittenden Landfill site and Golf Course Clubhouse)				
Amphitheatre Pump Station (1780 Amphitheatre Parkway)				
Coast-Casey Pump Station (2600 Terminal Avenue)				

*(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:

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

Not required for this Annual Report.

(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): **Pump stations listed, but results not required for this Annual Report.**

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
1) Shoreline Pump Station (1109 Charleston Road)						
2) Shoreline Pump Station (1109 Charleston Road)						
1) Crittenden Pump Station ((2100 Crittenden Ln)						
2) Crittenden Pump Station ((2100 Crittenden Ln)						
1) High Level Ditch (Service road b/w Crittenden Landfill site and Golf Course Clubhouse)						
2) High Level Ditch (Service road b/w Crittenden Landfill site and Golf Course Clubhouse)						
1) Amphitheatre Pump Station (1780 Amphitheatre Pkwy)						
2) Amphitheatre Pump Station (1780 Amphitheatre Pkwy)						
1) Coast-Casey Pump Station (2600 Terminal Ave)						
2) Coast-Casey Pump Station (2600 Terminal Ave)						

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural <sup>2</sup> roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to C.2.f.					
Place an <b>X</b> in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:					
<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas				
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources				
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts				
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality				
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion				
<input 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 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:					

<sup>2</sup> 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 <b>X</b> in the boxes below that apply to your corporations yard(s):			
<input type="checkbox"/>	We do not have a corporation yard		
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit		
<input checked="" type="checkbox"/>	We certify that we have a current <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)		
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:			
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment		
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system		
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method		
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used		
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants		
Comments: The City of Mountain View has a SWPPP for its Municipal Operations Center (MOC). A report for the MOC SWPPP inspections is completed annually. The FY 2009-2010 report, summarizing MOC SWPPP inspection results, is included with this report as Appendix 2-1.			
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

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).

Summary:

**Not required for this Annual Report.** A summary of the methods of implementation of Provisions C.3.a.i.(1)-(8) will be included in the FY 10-11 Annual Report. Most items are completed and minor changes will be implemented to comply with MRP requirements. The City is currently developing an updated General Plan, and the City's Urban Runoff Coordinator has participated in the Technical Advisory Committee and provided comments on the Draft General Plan.

**C.3.b. ► Green Streets Status Report**

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

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

Summary:

**Refer to the C.3 New Development and Redevelopment section of Program's FY 09-10 Annual Report for a description of activities of the C3PO AHTG Green Streets Work Group and the BASMAA Development Committee.** Pilot green street projects are not proposed in Mountain View. The City's Urban Runoff Coordinator has participated in the SCVURPPP Green Street Ad Hoc Task Group to assist with the evaluation of this requirement.

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

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

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

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

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary: Inspections conducted by City staff during FY 09-10 were primarily focused on evaluating the performance of newer landscape-

based treatment controls. City staff inspected a bioretention basin for a restaurant and parking lot, and verified that the basin drained down adequately. Additionally, a facility that had recently installed vegetated swales and a tree well filter was also inspected and confirmed to be performing adequately. As explained in Section C.3.h.v.(1) – 3 below, the City encountered an issue with its database that inhibited the maintenance verification program, so requests for maintenance records were not mailed, and only limited records for separator maintenance activities were obtained. During FY 10-11, the City will correct the maintenance verification program and City staff will increase inspections of installed systems.

**(3)** On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary: The City of Mountain View developed a BMP O&M verification program, which includes issuing permits to operators of these installed stormwater treatment systems. The permits describe inspection and maintenance requirements. In past years, annual letters were mailed to the operators of the systems requiring them to submit inspection and maintenance records. In addition, City staff performs annual inspections on a subset of the installed systems. A database was developed to track inspection and maintenance activities and to generate the annual letters. During FY 09-10, the City converted to a new database program, which caused formatting problems with the letter generating function and the annual maintenance letters. Additionally, since the permits were issued in a staggered time frame with varying expiration dates, City staff encountered difficulty tracking re-issuance of the permits. City staff is working on the database issues to re-establish the annual letter generation function and will send out the letters by October 1, 2010. The City also re-issued the existing permits to have a three year duration, and all permits will expire at the same time, which will simplify the permit re-issuance process.

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

Project Name Project No.	Project Location <sup>3</sup> , Street Address	Name of Developer	Project Phase No. <sup>4</sup>	Project Type & Description <sup>5</sup>	Project Watershed <sup>6</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New and/or Replaced Impervious Surface Area <sup>7</sup> (ft <sup>2</sup> )	Total Pre-Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )	Total Post-Project Impervious Surface Area <sup>9</sup> (ft <sup>2</sup> )
<b>Private Projects</b>										
<b>Public Projects</b>										
CMV Fire Station # 5	2195 N. Shoreline Blvd.	City of Mountain View		New permanent City fire station at location of existing temporary fire station	Stevens Creek	1.1 acres	1 acre	24,778	20,585	24,778

<sup>3</sup> Include cross streets

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

<sup>5</sup> 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.

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

<sup>7</sup> State both the total new impervious surface area and the total replaced impervious surface area, as applicable.

<sup>8</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>9</sup> For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Status of Project <sup>10</sup>	Source Control Measures <sup>11</sup>	Site Design Measures <sup>12</sup>	Treatment Systems Approved <sup>13</sup>	Operation & Maintenance Responsibility Mechanism <sup>14</sup>	Hydraulic Sizing Criteria <sup>15</sup>	Alternative Compliance Measures <sup>16/17</sup>	Alternative Certification <sup>18</sup>	HM Controls <sup>19/20</sup>
<b>Private Projects</b>									
<b>Public Projects</b>									
CMV Fire Station # 5	Plans approved – 3/30/2010	Vehicle wash system plumbed to sanitary sewer	Maintained existing trees and some vegetation	Bioretention basins	O&M by City	Volume based sizing – URQM Approach	Most of the new site will be treated by an on-site bioretention basin. Additional bioretention basin located at existing parking lot on the same parcel will make up required treatment area.	Not required	Not required

<sup>10</sup> 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.

<sup>11</sup> 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.

<sup>12</sup> 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.

<sup>13</sup> 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.).

<sup>14</sup> 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.

<sup>15</sup> 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)

<sup>16</sup> 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.

<sup>17</sup> 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.

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

<sup>19</sup> If HM control is not required, state why not.

<sup>20</sup> If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

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

Facility/Site Inspected and Location	Party Responsible <sup>21</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>22</sup>	Type of Treatment/HM Control(s) Inspected <sup>23</sup>	Inspection Findings or Results <sup>24</sup>	Enforcement Action Taken <sup>25</sup>	Comments
KFC/LJS – 2603 E. Charleston	Harman Management	1/19/2010	Routine	Bioretention basin	Rain event inspection. Basin full. No visible signs of scouring. Some trash in basin.	None	
KFC/LJS – 2603 E Charleston	Harman Management	1/19/2010	Follow-up	Bioretention basin	Basin had drained down since storm event.	None	
Wonder Years Pre-school – 462 Stierlin Rd.	Wonder Years	12/18/2009	Initial	Vegetated swale and tree well	Systems installed and permit issued	None	
Wonder Years Pre-school – 462 Stierlin Rd.	Wonder Years	1/19/2010	Routine	Vegetated swale and tree well	Rain event inspection. Systems functioning. No problems observed.	None	
Whisman Station – 424 Kent Drive	Whisman Station HOA	5/4/2010	Routine	Hydrodynamic Separator	Moderate accumulation of debris and settled material – system pumped out.	None	Inspection and maintenance records submitted to the City
The Vineyard – 465 Whisman Avenue	Hamilton Management	5/4/2010	Routine	Hydrodynamic Separator	Moderate accumulation of debris and settled material – system pumped out.	None	Inspection and maintenance records submitted to the City
Medical Office Bldg – 125 South Dr.	El Camino Hospital	2/17/2010	Initial	Bioretention swale and infiltration basin	System installed. Permit will be issued.	None	

<sup>21</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

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

<sup>23</sup> 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.

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

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

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

**C.4.a.ii ► Legal Authority**

(For FY 09-10 Annual Report only) Do you have adequate legal authority to obtain effective stormwater pollutant control on industrial sites?  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.

During FY 09-10, the City completed the following: 1) updated business plans, facilities lists, and inspection frequencies and priorities; 2) conducted inspections; 3) participated in training; 4) participated in the Program’s IND/IDDE Ad Hoc Task Group (AHTG) and/or reviewed AHTG products. Refer to the C.4. Industrial and Commercial Site Controls section of the Program’s FY 09-10 Annual Report for a description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

During FY 09-10, the City conducted its Industrial/Commercial inspection program. The data listed in the tables below summarize the violations that were observed and the types of enforcement actions completed. All violations noted during industrial/commercial inspections were potential discharge violations, and corrective actions were issued to address those potential discharge violations and prevent releases. All enforcement actions were Level 1 enforcement actions, which are actions that were documented on an inspection notice, including a corrective action. City inspectors did respond to actual discharge violations at industrial/commercial facilities during FY 09-10, and those incidents and responses are included in Section 5 (IDDE) of this report. Some of the enforcement actions related to the IDDE incidents resulted in Level 2 enforcement actions, which are Notice of Violations (NOV) with a compliance directive, and Level 3 enforcement actions, which are administrative penalties or fines. There were no Level 4 enforcement actions, which are Citations or referrals to the Santa Clara County District Attorney or the Regional Water Quality Control Board. Common violations that were observed during FY 09-10 include minor leaks or spills, housekeeping (trash), secondary containment, and administrative requirements (provide hauling records or training documents). Violations that took more than 10 days to correct were administrative in nature.

The business categories that account for most of the City’s inspection program are “Automotive” and “Food Service.” During FY 09-10, the City conducted 146 automotive facility inspections, which is consistent with the 143 auto facility inspections conducted in the previous reporting year. The City also conducted 141 food service facility inspections, which is an increase from the 86 inspections conducted in FY 08-09. The City hired an inspector whose primary function is to inspect restaurant facilities for environmental and fire/life safety requirements, which increased the number of food service facility inspections. Other types of facilities inspected include machine shops, electronics manufacturing, laboratories, hospital and healthcare facilities, and commercial office campuses.

During FY 10-11, the City will add business categories that have not been on inspection lists in the past, but are required in the MRP, including nurseries. The potential facilities list and the list of facilities scheduled for inspection are included with this report as Appendix 4-1

The City will also modify its current data collection system to simplify the annual reporting process. The required data fields are currently collected, but the database is not set up to print summaries of the information requested in the MRP Annual Report form.

**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.

Appendix 4-1 includes printouts from the City’s data base listing facilities that could reasonably be considered to cause or contribute stormwater runoff pollution. The list is divided into different business categories.

**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.

Appendix 4-1, which lists facilities that are subject to inspection as described in section C.4.b.iii.(1), includes a description of inspection frequencies for the different business categories. The list and description of the inspection frequencies will be used during FY 10-11 for planning facility inspections.

**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)	348	
Total number of inspections conducted	454	
Violations issued (excluding verbal warnings)	172	
Sites inspected in violation	134	39%
Violations <sup>1</sup> resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	157	91%

<sup>1</sup> 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)	0
Potential discharge (e.g. BMPs not in place or ineffective)	172

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

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

	<b>Enforcement Action (as listed in ERP)<sup>1</sup></b>	<b>Number of Enforcement Actions Taken</b>	<b>% of Enforcement Actions Taken<sup>2</sup></b>
Level 1	Written Inspection Notice – Corrective Actions	134	100%
Level 2	Notice of Violation – Compliance Order	0	0
Level 3	Administrative Penalty	0	0
Level 4	Citation or referral to City Attorney, Santa Clara County District Attorney, or Regional Water Quality Control Board	0	0
<b>Total</b>		134	100%

Notes:

<sup>1</sup>Agencies to list specific enforcement actions as defined in their ERPs.

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

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

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

<b>Business Category<sup>1</sup></b>	<b>Actual Discharge Violations</b>	<b>Potential Discharge Violations</b>
Automotive		29
Bio R&D		0
Computer R&D / software		11
Concert venue		8
Food service facility		114
Hospital / healthcare		1
Hotel		2
Laboratory		2
Machine shop		1

Metal finisher		1
Office		0
Photographic		2
Public facility		1
School		0

Notes:

<sup>1</sup> 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:

During FY 09-10, no industries identified as "non-filers."

**C.4.d.iii ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Vehicle Service Repair – Train the Trainer	12/3/2009	Auto repair facility BMPs and pollution prevention requirements	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.

During FY 09-10, the City completed the following: 1) Made map(s) of the MS4 publicly available in coordination with SCVURPPP; 2) initiated a collection system screening program; 3) participated in the Program’s IND/IDDE Ad Hoc Task Group (AHTG) and/or reviewed AHTG products, including collection system screening program guidance. Refer to the C.5 Illicit Discharge Detection and Elimination section of Program’s FY 09-10 Annual Report for description of activities of the IND/IDDE AHTG and the BASMAA Municipal Operations Committee.

During FY 09-10, the City responded to 73 IDDE incidents, which is comparable to past years’ results (92 incidents in FY 02-03, 89 incidents in FY 03-04, 74 incidents in FY 04-05, 80 incidents in FY 05-06, 68 in FY 06-07, 70 in FY 07-08, and 69 in FY 08-09). The breakdown of the types of incidents, potential source, sources of reports, and follow-up and enforcement actions are summarized in Appendix 5-1 of the annual report. Evaluation of the “Incident Type” data also showed that the City responded to 2 fewer “sanitary sewer spill,” 2 fewer Vehicle/equipment leaking,” 4 more “accidental spill,” 6 more “abandoned drum,” and 3 fewer “Food facility” incidents. During FY 09-10, the City issued two Administrative Actions with a penalty, and total of \$750 in penalties were assessed and collected. Additionally, the City issued 3 Notice of Violations for sewer overflows requiring repairs to private sewer facilities to prevent re-occurrence of the overflows.

One sewer overflow incident is listed as not being resolved in a timely manner in Section C.5.f.iii.(1), (2), (3) below because the incident caused a release of sewage that most likely reached the Bay. The City did respond immediately upon receiving notification on the overflow, but spilled sewage did reach a storm drain and receiving water. City crews stopped the over flow from occurring quickly and set up a large berm downstream in the receiving creek and pumps were used to divert sewage-contaminated water to the sewer system. The incident was reported to the State OES hotline and was reported electronically on the CWIQS system.

During FY 09-10, the City increased its restaurant inspection program to address restaurant-related IDDE incidents. This was discussed in Section 4 of the annual report.

Review of the data does not provide useful information regarding the distribution of IDDE incidents. The incidents appear to be randomly occurring throughout the City.

The City's existing data tracking system is sufficient to meet the new data requirements, however, during FY 10-11, some modifications will be made to simplify summarizing and reporting data in future Annual Reports.

**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
Mountain View Emergency Dispatch	Hazardous Emergencies or any spill during non-business hours	650-903-6395
Jaymae Wentker, Fire Marshal	Hazardous Materials and other spill incidents	M 650-903-6378 D 650-903-6821
Chris Steck, Haz Mat Specialist	Hazardous Materials spill incidents	M 650-903-6378 D 650-903-6816
Patrick Mauri, Haz Mat Specialist	Hazardous Materials spill incidents	M 650-903-6378 D 650-903-6143
Eric Anderson, Urban Runoff Coordinator	Hazardous Materials and other spill incidents	M 650-903-6378 D 650-903-6225
Carrie Sandahl, Water Environment Specialist	Hazardous Materials and other spill incidents	M 650-903-6378 D 650-903-6224

**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:

Through SCVURPPP, the City participates in the BASMAA mobile surface cleaners program. City staff directs contractors and businesses to the BASMAA surface cleaner program information and approved vendor list and requires its surface cleaning vendor to maintain BASMAA mobile surface cleaner certification. City staff responds to complaints about illicit discharges from mobile washing operations and will inspect mobile businesses, such as mobile vehicle service operations, in the course of routine inspection activities.

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

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

Description:  
 The City's Utilities Division conducts storm drain collection systems screening during routine system inspection and maintenance operations. Evidence or observations of illicit discharges are reported to the Fire and Environmental Safety Division for investigation and possible enforcement. The City participates in the IDDE and Municipal Operations AHTG. Refer to the C.5 Illicit Discharge Detection and Elimination section of Program's FY 09-10 Annual Report for description of activities of the IND/IDDE AHTG to develop collection system screening program guidance.

**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))	73	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	8	11%
Discharges resolved in a timely manner (C.5.f.iii.(3))	72	99%

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

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

Appendix 5-1 provides summaries of the types of IDDE incidents, IDDE enforcement actions, and sources of IDDE reports.

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?  Yes  No

If No, explain:

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

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

If No, explain:

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

Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
10	6	140

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

BMP Category	Number of Violations <sup>1</sup>	% of Total Violations <sup>2</sup>
Erosion Control	1	4%
Run-on and Run-off Control	0	0
Sediment Control	12	50%
Active Treatment Systems	0	0
Good Site Management	11	46%
Non Stormwater Management	0	0
<b>Total</b>	<b>24</b>	<b>100%</b>

Notes:

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

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

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

	Enforcement Action (as listed in ERP) <sup>1</sup>	Number Enforcement Actions Taken	% Enforcement Actions Taken <sup>2</sup>
Level 1	Written Inspection Notice with corrective actions	19	100%
Level 2	Notice of Violation – Compliance Order	0	0
Level 3	Administrative Penalty	0	0
Level 4	Citation or referral to City Attorney, Santa Clara County District Attorney, or Regional Water Quality Control Board	0	0
<b>Total</b>		<b>19</b>	<b>100%</b>

Notes:

<sup>1</sup>Agencies should list the specific enforcement actions as defined in their ERPs.

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

**C.6.e.iii.1.f, g ► Illicit Discharges**

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

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	19	% <sup>2</sup>
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	% <sup>3</sup>
Total number of violations for the reporting year <sup>1</sup>	19	100%

Notes:

<sup>1</sup>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.

<sup>2</sup>Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

<sup>3</sup>Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

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

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

Description:  
 The construction inspection results for FY 09-10 are consistent with the results from FY 08-09. The City did perform more inspections during FY 09-10 compared to FY 08-09, but the number and type of violations and enforcement actions were similar. Construction activity picked up slightly during FY 09-10, which explains the increased number of inspections. Most of the violations that were identified and corrected were housekeeping issues, such as sweeping, trash management, or site management. Sediment controls, such as replacing perimeter controls were also common corrective actions.

The City used its existing inspection form and data tracking system. While the information required for reporting could be gathered from the existing program, improvements will be implemented to simplify reporting.

**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:  
 During FY 09-10, the City continued its practice of conducting thorough pre-winter inspections and providing pre-winter guidance to construction site superintendents. While the City inspects these sites year-round, the pre-winter inspection clearly outlines the inspector’s expectations for the

pending rainy season, and ensures that the sites have been prepared for winter storms. In addition to the pre-winter outreach, the City's Urban Runoff Coordinator also established a group e-mail list of the construction site supervisors and sent out storm warning e-mails in advance of incoming storm events. The "storm warning" e-mails did not take place of storm event inspections, but was an effective way to communicate reminders to site supervisors about preparing their sites for storms.

The City will modify its inspection form and data tracking system to improve data collection, tracking and reporting during FY 10-11.

**C.6.f ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Site Inspection Training	10/21/2009	Construction site regulations and responsibilities; effective erosion and sediment controls BMPs, inspection procedures	3	100%
SCVURPPP Construction Site Compliance Workshop	1/19/2010	New State Construction General permit/Effective Stormwater BMPs/monitoring and reporting requirements/post construction stormwater management techniques	3	100%

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

**C.7.b.ii.1 ► Advertising Campaign**

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

Summary:

The City implements the advertising campaign element through its participation in SCVURPPP.

The following separate reports developed by SCVURPPP summarize countywide advertising efforts conducted during FY 09-10:

- FY 09-10 Watershed Watch Campaign Annual Campaign Report
- FY 09-10 Watershed Watch Partner Report
- FY 09-10 Watershed Watch Web Statistics Report

These reports are included within the C.7 Public Information and Outreach section of Program’s FY 09-10 Annual Report.

**C.7.b.iii.1 ► Pre-Campaign Survey**

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

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

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

<input type="checkbox"/>	Survey report attached
<input type="checkbox"/>	Reference to regional submittal:

**C.7.c ► Media Relations**

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

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

Summary:

The City implements the media relations element through its participation in SCVURPPP.

The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 09-10:

- BASMAA Media Relations Final Report

This report is included within the C.7 Public Information and Outreach section of Program's FY 09-10 Annual Report.

**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:

The City publicized the point of contact for stormwater related topics through the City's Newsletter, *The View* ([http://www.ci.mtnview.ca.us/services/city\\_publications/the\\_view\\_newsletter.asp](http://www.ci.mtnview.ca.us/services/city_publications/the_view_newsletter.asp)), the Newsletter, *The Resource* ([http://www.ci.mtnview.ca.us/services/city\\_publications/the\\_resource\\_newsletter.asp](http://www.ci.mtnview.ca.us/services/city_publications/the_resource_newsletter.asp)), and through its website: <http://www.ci.mtnview.ca.us/>

The City also hosts an information portal titled, "Ask Mountain View," where interested parties can search for information and submit requests or complaints on-line. The address for "Ask Mountain View" is: <https://clients.comcate.com/newrequest.php?id=128>

Another point of contact is the Watershed Watch Campaign hotline (1-866-WATHERSHED) and Watershed Watch Campaign website ([www.mywatershedwatch.org](http://www.mywatershedwatch.org)). Also, Individual agency points of contact are publicized on SCVURPPP outreach materials and websites and the point of contact is maintained by the Program and their authorized agents.

<b>C.7.e ► Public Outreach Events</b>		
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"> <li>• Estimated overall attendance at the event.</li> <li>• Number of people that visited the booth, comparison with previous years</li> <li>• Number of brochures and giveaways distributed</li> <li>• Results of any spot surveys conducted</li> </ul>
Thursday Night Live; July 23, 2009; Castro St – Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, Pharmaceutical Take Back	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people and approximately 50 people visit the booth.
Thursday Night Live; August 6, 2009; Castro St – Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, Pharmaceutical Take Back	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people and approximately 50 people visit the booth.
Thursday Night Live; August 20, 2009; Castro St – Downtown Mtn View	Street Fair. Audience: residents Pollution Prevention, Pharmaceutical Take Back	This is a casual downtown event. The event was well attended for a weeknight event. Table next to a Fire Engine attracts a lot of people, especially families. Approximately 1000 people and approximately 50 people visit the booth.
Mountain View Art and Wine Festival; September 12 and 13, 2009. Downtown Mountain View.	Pesticide – IPM, and pollution prevention	Large 2-day festival that is well attended. Approximately 10,000 people attend the festival and approximately 500 people visited the

		booth
Mountain View Arbor Day Fair; March 13, 2010 – Pioneer Park	Pesticide – IPM, pollution prevention, and pharmaceutical take back.	This is a smaller event that is well attended. Approximately 1,000 people attend, and approximately 200 people visited the boot.
<b>SCVURPPP Event Details</b>		
<p>Program staff, the Watershed Watch consultant, and Co-permittees staffed ten outreach events in FY 09-10. Events were selected based upon target audience and attendance. Materials distributed at the events included the following: Less Toxic Pest Management fact sheets, “10 Most Wanted Backyard Bugs” brochures, “Don’t Plant a Pest” brochure, “You are the Solution to Water Pollution” brochures, “Clean Cars &amp; Clean Creeks” brochure, and giveaways (e.g. flyswatters, OWOW magnets, notepads, and temporary tattoos). The flyswatters have the Watershed Watch website and hotline number and the words “The Original Earth-Friendly Pest Control” printed on them. The beanbag game for children was used at most of the events. Event staff distributed more than 5,000 outreach materials and giveaways.</p>		
<p>Name: Pumpkins in the Park          Date: October 10, 2009          Location: Guadalupe River Park and Gardens, San Jose          Region: Countywide</p>	<p>Type of Event: Community fair          Audience: Families with children          Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of household hazardous waste (HHW).</p>	<p>General Feed Back: The event was very well attended. A lot of attendees stopped at the booth to play the bean bag game and pick up brochures. This is a good event for educating families with children. Estimated Overall Event Attendance: 12,000-14,000.          Number of Brochures Distributed: 432          Number of Giveaways Distributed: over 1,000</p>
<p>Name: Muslim Green Fair          Date: October 18, 2009          Location: 3003 Scott Blvd., Santa Clara          Region: Countywide</p>	<p>Type of Event: Community fair          Audience: Families with children          Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW</p>	<p>General Feed Back: This is a good event for reaching members of the Muslim community. The bean bag game was used at this event. Estimated Overall Event Attendance: 1,000          Number of Brochures Distributed: 14          Number of Giveaways Distributed: 221</p>
<p>Name: Haunted History          Date: October 31, 2009          Location: History Park at Kelley Park, San Jose          Region: Countywide</p>	<p>Type of Event: Halloween Event          Audience: Families          Message: Stormwater pollution prevention.</p>	<p>General Feed Back: This event is good for getting the Program’s name out, but not for educating attendees. Most children stop at the booth only for candies and are not receptive to information.          Estimated Overall Event Attendance: 1,500          Number of Brochures Distributed: 12          Number of Giveaways Distributed: 267</p>
<p>Name: Spring Garden Market          Date: April 10, 2010</p>	<p>Type of Event: Plant sale          Audience: Home owners/gardeners</p>	<p>General Feed Back: Most people came to the event to buy plants and did not want to pick up</p>

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**Permittee Name: Mountain View**

**C.7 – Public Information and Outreach**

<p>Location: History Park at Kelley Park, San Jose  Region: Countywide</p>	<p>Message: Stormwater pollution prevention, less-toxic pest control</p>	<p>information. The Program will probably not attend this event next year.  Estimated Overall Event Attendance: 3,000  Number of Brochures Distributed: 181  Number of Giveaways Distributed: 61</p>
<p>Name: NVIDIA Corp. Earth Day Event  Date: April 22, 2010  Location: 2701 San Tomas Expwy, Santa Clara  Region: Countywide</p>	<p>Type of Event: Corporate event  Audience: Information Technology Professionals  Message: Stormwater pollution prevention, less-toxic pest control</p>	<p>General Feed Back: The event was held during lunch hour in the cafeteria and very well attended. Most employees stopped at the booth to ask questions and take brochures.  Estimated Overall Event Attendance: 500  Number of Brochures Distributed: 60  Number of Giveaways Distributed: 183</p>
<p>Name: Spring in Guadalupe Gardens  Date: April 24, 2010  Location: Guadalupe River Park and Gardens, San Jose  Region: Countywide</p>	<p>Type of Event: Community fair, plant sale.  Audience: Families with children, homeowners and gardeners  Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.</p>	<p>General Feed Back: Good attendance at booth. Most people were looking for specific pest control information. The bean bag toss game was used.  Estimated Overall Event Attendance: 4,500  Number of Brochures Distributed: 423  Number of Giveaways Distributed: 797</p>
<p>Name: Watershed Watch Car Wash Event Date: May 5, 2010  Location: Robertsville Classic Car Wash, 5005 Almaden Expwy, San Jose  Region: Countywide</p>	<p>Type of Event: Car Wash  Audience: Car wash customers  Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Excellent turn-out, resulted in a 50% increase of business for the car wash during the 2-hour time period. Event staff spoke with customers and provided them information on proper car washing. Most people were interested in taking the Watershed Watch discount card.  Estimated Overall Event Attendance: 150  Number of Brochures Distributed: 103  Number of Watershed Watch Discount Cards Distributed: 129</p>
<p>Name: Watershed Watch Car Wash Event Date: May 19, 2010  Location: Delta Queen Classic Car Wash, 981 E Hamilton Ave, Campbell  Region: Countywide</p>	<p>Type of Event: Car Wash  Audience: Car wash customers  Message: Stormwater pollution prevention, proper car washing.</p>	<p>General Feed Back: Due to a rainy day forecast, attendance was low at this event.  Estimated Overall Event Attendance: 45  Number of Brochures Distributed: 34  Number of Watershed Watch Discount Cards</p>

		Distributed: 49
Name: Watershed Watch Car Wash Event, Date: June 2, 2010 Location: Capitol Premier Car Wash, 735 Capitol Expwy Auto Mall, San Jose Region: Countywide	Type of Event: Car Wash Audience: Car wash customers Message: Stormwater pollution prevention, proper car washing.	General Feed Back: Good turn-out. Car wash owner indicated there was an increase in business from their normal expectations. Estimated Overall Event Attendance: 100 Number of Brochures Distributed: 101 Number of Watershed Watch Discount Cards Distributed: 107
Name: Festival in the Park Date: June 26, 2010 Location: Hellyer County Park, San Jose Region: Countywide	Type of Event: Community Health Fair Audience: Families with children. Message: Stormwater pollution prevention, less-toxic pest control and, proper disposal of HHW.	General Feed Back: Good event for reaching the Hispanic community. The bean bag game drew a lot of families with children to the booth. Estimated Overall Event Attendance: 5,000 Number of Brochures Distributed: 418 Number of Giveaways Distributed: 365

**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:  
 The City implements the watershed stewardship collaborative efforts element through its participation in SCVURPPP. During FY 09-10, SCVURPPP actively supported the Santa Clara Basin Watershed Initiative (SCBWMI), including the Core Group, the Land Use Subgroup, and the Trash Subgroup (now the Santa Clara Valley Zero Litter Initiative); the Bay Area Macroinvertebrate Bioassessment Information Network (BAMBI); and the Stevens & Permanente Creeks Watershed Council. Information on these efforts is included within the C.7 Public Information and Outreach section of the Program's FY 09-10 Annual Report.

<b>C.7.g. ► Citizen Involvement Events</b>		
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"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
Coastal Cleanup Day – September 19, 2010 – The City coordinated a creek cleanup event in conjunction with a Statewide/National effort.	Creek Cleanup – Permanente Creek Location	81 volunteers covered approximately 2.5 miles and removed approximately 550 pounds of trash.
National River Cleanup Day – September 19, 2010 – The City coordinated a creek cleanup event in conjunction with a Statewide/National effort.	Creek Cleanup – Stevens Creek	16 volunteers covered approximately 1 mile and removed approximately 600 pounds of trash.
<b>SCVURPPP Sponsored Events</b>		
The Program provided funding for the following citizen involvement events: <ol style="list-style-type: none"> <li>1) National River Clean up Day – The Program supports the involvement of Santa Clara County citizens by providing advertising support for the National River Clean-up Day.</li> <li>2) Citizen involvement events at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) – A number of citizen involvement and stewardship programs are conducted as part of the Program funded Watershed Watchers Program at the Refuge. Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching. More details are included in the Watershed Watchers Report in the Program Annual Report Appendix 7-5.</li> </ol>		
Name: Summer of Service Programs Date: 7/16/09, 7/30/09, 8/13/09 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Partnership program between Santa Clara Valley youth groups and the Watershed Watchers program. Youth spend a day at the Refuge and they work in the gardens in the morning and explore the Refuge in the afternoon.	Number of attendees on 7/16/09: 2 elementary school students and 6 middle school students. Number of attendees on 7/30/09: 10 middle school students. Number of attendees on 8/13/09: 8 middle

		school students.
Name: Gardening at the Refuge Date: 11/21/09 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	Participants usually work in the Refuge gardens planting native plants, pulling non-native plants, and mulching.	Number of attendees: 4 elementary school students, 2 high school students, and 9 adults.
Name: Community Service Days Date: 1/16/10, 3/20/10, 4/17/10, 5/17/10 Location: Don Edwards Wildlife Refuge, Alviso Focus: Countywide	This is an open day for the general public. Participants work in the gardens planning native plants, pulling non-native plants, and mulching.	Number of attendees on 1/16/10: 1 elementary school student, 1 high school student, and 6 adults. Number of attendees on 3/20/10: 1 elementary school student and 6 adults. Number of attendees on 4/17/10: 4 elementary school students and 4 adults. Number of attendees on 5/17/10: 13 elementary school students and 7 adults.

**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.
Who Dirtied the Bay – 3 rd Grade Education Program – This class is taught in conjunction with the City of Palo Alto	The focus of this program is on stormwater and how the pollutants impact the Baylands and H2O environment. Pollution prevention solutions are discussed. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water	8 classes – 160 students	Mountain View schools are reached through the Palo Alto Regional Water Quality Control Plant’s school outreach program, which the City of Mountain View is a partner. The City of Palo Alto administers the program and effectiveness evaluation reports are available with the City of Palo Alto.

	cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."		
Mercury – 4 <sup>th</sup> Grade Education Program – This class is taught in conjunction with the City of Palo Alto	In this program students learn how mercury from the past (California Gold Rush) and the present, accumulates and impacts the waters of San Francisco Bay. Pollution prevention strategies are discussed. Students also learn: the difference between waste water and storm water (where it comes from, where it goes); the water cycle; the definition and function of a watershed; and "reduce/reuse/recycle/rot/respect."	3 classes – 90 students	Mountain View schools are reached through the Palo Alto Regional Water Quality Control Plant's school outreach program, which the City of Mountain View is a partner. The City of Palo Alto administers the program and effectiveness evaluation reports are available with the City of Palo Alto.
Microbes in Sewage – 7 <sup>th</sup> /8 <sup>th</sup> Grade Education Program - This class is taught in conjunction with the City of Palo Alto	In a laboratory setting, students use microscopes to observe, document and identify Microbes used in the wastewater treatment process. Impacts of pollution on the Baylands and water environment as well as prevention solutions were discussed. (Students study protist in the 7th grade.)	13 classes – 325 students	Mountain View schools are reached through the Palo Alto Regional Water Quality Control Plant's school outreach program, which the City of Mountain View is a partner. The City of Palo Alto administers the program and effectiveness evaluation reports are available with the City of Palo Alto.
<b>SCVURPPP Sponsored School Outreach Program</b>			
Outreach to school-age children is implemented through ZunZun assemblies at local elementary schools and the "Watershed Watchers" program at the Environmental Education Center at the Don Edwards San Francisco Bay Wildlife Refuge (Refuge) in Alviso. The Program sponsors up to 50 ZunZun assemblies at elementary schools in Santa Clara Valley and funds an Interpretive Specialist position at the Refuge for conducting activities and programs about watershed and urban runoff pollution prevention. The Fourth Quarter "Watershed Watchers" Report including the End-of-Year summary is included in the Program Annual Report Appendix 7-5. The ZunZun Final Report is included in the Program Annual Report Appendix 7-7.			
Name : ZunZun Musical Assembly Grade or level: elementary	Interactive, musical school assemblies educating K-6 children about watersheds and pollution prevention.	14,161 students	ZunZun assemblies were evaluated using postage-paid evaluation cards that were distributed to all teachers present at the performances. The Program received 130 completed evaluation cards from teachers. Overall, the feedback is positive and indicates an increase in the students'

			<p>knowledge about watersheds and pollution prevention.</p> <p>A few highlights of the evaluations are:</p> <ul style="list-style-type: none"> <li>• Twenty-two teachers indicated that after the performance, 50% of their students knew what a watershed is; 51 teachers indicated that 75% of their students knew what a watershed is and 28 teachers indicated that 100% of their students knew what a watershed is.</li> <li>• Eight teachers indicated that after the performance, 50% of their students could name a way to prevent pollution in the watershed; 38 teachers indicated that 75% of their students could name a way to prevent pollution in the watershed; and 78 teachers indicated that 100% of their students could name a way to prevent pollution in the watershed.</li> </ul> <p>The Final Teacher Evaluation Report is included in the Program Annual Report Appendix 7-7.</p>
<p>Name: Watershed Watchers Program at Don Edwards Wildlife Refuge in Alviso          Grade or level: elementary, middle, high school</p>	<p>The Refuge offers a number of interpretive programs to educate children and youth about preventing urban runoff pollution. These include: Bike the Levees; Discover Native Species; Habitat Exploration; Living Wetlands; Marshes, Mud and Plankton; Quackers and Honkers; and Water Water Everywhere.</p>	<p>80 pre-kindergarteners, 1,359 elementary school students, 33 middle school students, and 199 high school students</p>	<p>Visitor Surveys are used to determine visitor demographics, effectiveness of publicity, and the effectiveness of the Watershed Watchers Program.</p> <p>In addition, an “Urban Runoff Bead Drop” display is used to record actions (e.g., pick up litter, spread the word, take car to car wash) that children promise to do the help keep storm drains clean.</p> <p>Results of both these evaluation mechanisms are summarized in the Watershed Watchers Fourth Quarter Report included in the Program Annual Report Appendix 7-5.</p>

Section 8 - Provision C.8 Water Quality Monitoring

**C.8 ► Water Quality Monitoring**

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

Summary

During FY 09-10, the City contributed to the SCVURPPP Monitoring and Assessment Program which conducts water quality monitoring in Santa Clara Valley creeks and rivers. In coordination with the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributes financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and actively participates in RMP committees and work groups. For additional information on monitoring activities conducted by SCVURPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 09-10 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

(For FY 09-10 Annual Report only) Attach a copy of your individual IPM ordinance or policy. <b>City's IPM Policy is included as Appendix 9-1 of this report.</b>	<input checked="" type="checkbox"/>	<b>Attached</b>	<input type="checkbox"/>	<b>Not attached</b> , explain below
If <b>Not attached</b> , explain:				

**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><u>Pesticide Use Analysis</u></p> <p>During FY 09-10, the City implemented its IPM Program. Pesticide used data for FY 09-10 is included in Appendices 9-2, 9-3, 9-4, and 9-5. Appendix 9-2 summarizes the number of different pesticides separated by their category that were used at City facilities during the reporting year. Appendix 9-3 summarizes the total quantities of pesticides, separated by their categories that were used, and comparing FY 09-10 usage to the previous year and the previous 7 years average. Appendix 9-4 summarizes the total quantities of active ingredients, separated by categories, and comparing FY 09-10 usage to the previous year and the previous 7 years average. Comprehensive pesticide use data, including application date, product used, amount applied, and amount of active ingredient applied is available upon request.</p> <p>The City's IPM Policy and Plan establishes goals to reduce pesticide use through implementation of IPM practices, and establishes a reduced risk pesticide selection procedure when pesticide use is required. The IPM Policy and Plan directs the use of lower toxicity, Category III products or exempted products, and limits the use of higher toxicity, Category I and II products, to cases where those products are needed to prevent unacceptable health risks or economic loss. Implementation of the reduced risk pesticide selection practice resulted in City staff and contractors using a larger variety of products to achieve desired pest control results. Appendix 9-2 shows the trend of increasing the number of different number of products used since FY 03-04.</p> <p>Appendix 9-3 provides an evaluation of historic pesticide use data since FY 02-03, and shows that City staff and contractors have increased the use of Lower toxicity, Category III and exempt products, and reduced the use of higher toxicity, Category I and Category II products at City facilities. Appendix 9-3 also shows that the total use of pesticides at City facilities has increased since the City began tracking pesticide use in FY 02-03. The increase in total pesticide use is due to the necessity to use larger amount of lower toxicity product to control pest issues that were previously controlled using higher toxicity products. Since reporting began, the City has also increased park, trail, and median areas that require</p>

maintenance, which also contributes to the increase in total pesticide usage.

Appendix 9-4 provides an evaluation of historic active ingredient application since FY 02-03, and shows that City staff and contractors have decreased the application of active ingredients from Category I, Category II, and Category III products at City facilities, and an increase in active ingredient application from exempt products. Appendix 9-4 also shows a decrease in the total application of active ingredients since FY 02-03. The overall decrease in active ingredient application is most likely due to increased use of lower toxicity, Category III products.

Use of Pesticides that Threaten Water Quality

The Municipal Regional Permit lists organophosphorous pesticides, pyrethroids, carbamates, and fipronil as pesticides of concern. No organophosphorous pesticides or carbamate pesticides were applied at City facilities during FY 09-10. Eight different products containing pyrethrins were used, and two products containing fipronil were used during FY 09-10. The pyrethroid and fipronil products, target pest, their active ingredient, quantities that were applied, and comments about the water quality threat or precautions that taken are listed Appendix 9-5. The pyrethroid and fipronil products are primarily applied by the City's contractor, Bay Valley Pest Control. These applications are typically in very small amounts, and those that may be applied in larger quantities are diluted and the amount of active ingredient is very small. These products are typically applied in areas where there is a low risk of the product being washed off during a rain event, including interior applications and application at the base or eaves of buildings, or products that are in bait form.

Comparing pesticide use data since FY 03-04 shows a decline in total use of the pyrethroid and fipronil products. Due to the small amounts of active ingredients in these products, the amount of change in active ingredient, while reduced, is negligible. The City will seek alternative products to the pyrethroid and fipronil products and will modify the IPM plan regarding the use of these products.

**C.9.c ▶ Train Municipal Employees**

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

<b>C.9.d ▶ Require Contractors to Implement IPM</b>				
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 type="checkbox"/>	Equivalent documentation.			
<p>If <b>Not attached</b>, explain:</p> <p>The City adopted its IPM policy in September 2002. The City notified its contract structural pest control operator about the policy and IPM plan in writing, however, a copy of the letter has not been located. The City has not changed pest control operators since adoption of the policy and development of the IPM plan. Bay Valley Pest Control has implemented IPM practices at City facilities including using less toxic products. The City's contract specifications for Pest Control Services includes a section requiring selection of "environmentally friendly" pesticides and chemicals, but does not specifically require the contractor to follow the City's IPM Policy. The Urban Runoff Coordinator has requested that the Pest Control Services contract be revised to include a section requiring adherence to the City's IPM Policy. During FY 10-11, the City will re-submit a notification letter to Bay Valley to reinforce the IPM policy and any changes required in the MRP.</p>				

<b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>	
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary:	
During FY 09-10, we participated in regulatory processes related to pesticides through contributions to SCVURPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. This Report is included within the Program's FY 09-10 Annual Report.	

<b>C.9.f ▶ Interface with County Agricultural Commissioners</b>	
Provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions to correct violations, if any. A separate report can be attached as your summary.	
Summary:	
City staff did not report any improper pesticide usage or violations to the County Agricultural Commissioner in FY 09-10.	

**C.9.h.ii ► Public Outreach: Point of Purchase**

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

The following separate reports developed by SCVURPPP and BASMAA summarize point of purchase outreach efforts conducted during FY 09-10:

- FY 09-10 Store Employee Training Report (SCVURPPP)
- FY 09-10 Store Employee Training Evaluation Summary (SCVURPPP)
- FY 09-10 Store Employee Training Status Table (SCVURPPP)
- FY 09-10 List of Stores in the IPM Store Partnership Program (SCVURPPP)
- FY 09-10 BASMAA "Our Water, Our World" (OWOW) Report (BASMAA)

These reports are included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

**C.9.h.vi ► Public Outreach: Pest Control Operators**

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

The following separate reports developed by SCVURPPP summarizes Public Outreach: Pest Control Operators efforts conducted during FY 09-10:

- FY 09-10 Green Gardener Training Report

This report is included within the C.9 Pesticides Toxicity Control section of Program's FY 09-10 Annual Report.

Section 10 - Provision C.10 Trash Load Reduction

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

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

Description:

Not required for this Annual Report.

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

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

Description:

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

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

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

Description:

A summary of SCVURPPP's accomplishments for this sub-provision are included within the C.10 Trash Load Reduction section of Program's FY 09-10 Annual Report. In addition, SCVURPPP recently finalized a technical report detailing the results of its Pilot Trash Structural Treatment Control Study implemented in 2007. This technical report is also available within the C.10 Trash Load Reduction section of SCVURPPP's FY 09-10 Annual 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. Hot Spots were selected during FY 09-10 and assessments will be conducted during FY 10-11 (scheduled for September 2010).

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Stevens Creek – Central Expressway to train tracks	5/15/2010	Approx. 500 pounds	Litter and debris. Cloths and materials.	Creek inhabitants
Stevens Creek – Train tracks to Evelyn Avenue	5/15/2010	Approx. 500 pounds	Litter and debris. Cloths and materials	Creek inhabitants
Stevens Creek – El Camino Real Bridge				

**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
Not all trash load reduction actions were tracked by "loads removed" this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action (as feasible). See SCVURPPPP's FY 09-10 Annual Report for schedule.				
Permanente Creek Cleanup – 9/19/2009	Approx. 1994	Action level is consistent with past years.	Approx. 800 pounds	Litter and debris – some wood and metal materials
Stevens Creek Cleanup – 5/15/2010	Approx. 1994	Action level is consistent with past years – location has	Approx. 1,000 pounds	Litter and debris – some materials were remnants from homeless camps that were washed out during winter storms

		not been done in many years and will be a hop spot location.		(cloths, sleeping bags, etc), and some construction materials. A dump site on a creek bank was also identified that City crews cleaned at a later date (difficult access for volunteers).

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 City of Mountain View promotes collection and recycling of mercury containing devices and equipment through its participation in the following programs:

1. Santa Clara County Household Hazardous Waste Collection Program
2. Palo Alto Regional Water Quality Control Plant Mercury Thermometer Collection Program

**C.11.a.ii ► Mercury Collection**

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

Amount collected:

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

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

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

Summary

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

Section 12 - Provision C.12 PCBs Controls

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

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

Description:

In FY 09-10, inspector training materials were developed through in-kind contributions of SCVURPPP to BASMAA. Training materials can be found in the BASMAA Regional POC Report. City industrial inspection staff did not receive PCB-related training during FY 09-10. City staff will complete PCB-related training during FY 10-11 when workshops or training materials are provided to municipalities.

**C.12.a.ii,iii ► Ongoing Training**

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

Description:

Not required for this Annual Report.

- C.12.b ► Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities**
- C.12.c ► Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations**
- C.12.d ► Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.12.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.12.f ► Diversion of Dry Weather and First Flush Flows to POTWs**
- C.12.g ► Monitor Stormwater PCB Pollutant Loads and Loads Reduced**
- C.12.h ► Fate and Transport Study of PCBs In Urban Runoff**
- C.12.i ► Development of a Risk Reduction Program Implemented Throughout the Region**

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

Summary

A summary of Program accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

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

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

	Yes	X	No
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If **No**, explain and provide schedule for obtaining authority within 1 year:  
 Not required for this Annual Report. The City will revise its ordinance during FY 10-11 and the prohibition against architectural copper features will be included in the proposed Ordinance revision.

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

**C.13.c ► Vehicle Brake Pads**

Reported in a separate regional report.  
 A summary of the Program’s participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program’s FY 09-10 Annual Report and/or the BASMAA Regional POC Report.

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

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

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

During FY 09-10, the City conducted its Industrial and Commercial Site Control program, which is described in Section 4 of this report. Results of the City’s inspection program are included in the tables in Sections C.4.c.iii.(1); C.4.c.iii.(2); C.4.c.iii.(3) of this report, and a list of facilities is included in Appendix 4-1. In past years, a major component of the City’s Industrial inspection program has been source control inspections at electroplating

and metal finishing facilities, and an important component of those inspections related to copper controls, including inspections on roofs for evidence of depositions. Over the past several years, many of these types of facilities have closed and the last metal finishing facility in Mountain View closed during FY 09-10. The City continues to conduct inspections for a number of different copper reduction items. A list of the types of inspection items that relate to copper reduction and the facility category associated with the inspection item is listed below:

1. Vehicle washing – discharges to storm drain prohibited – vehicle service facilities
2. Spills and leaks – fluid spills and leaking equipment – multiple industrial categories
3. Cooling tower discharges – discharges to storm drain prohibited – cooling towers/industrial facilities
4. Storage areas – engineer controls/secondary containment – multiple industrial categories

During FY 09-10, City inspectors did not identify violations that specifically relate to sources of copper discharges.

A discussion of the City's data tracking and reporting needs is included in Section C.4 of this report.

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

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

##### Summary

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

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

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

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

Summary

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

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

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

Is your agency a water purveyor?  Yes  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:

During FY 09-10, City staff participated in SCVURPPP’s Water Utility Ad Hoc Task Group to evaluate new requirements in the MRP and plan for implementation of the requirements. The City’s Urban Runoff Coordinator met with Water Utilities Division staff on multiple occasions to discuss implementation of the MRP monitoring, data tracking and reporting requirements. Water Utility personnel have been implementing de-chlorination practices, including the use of aerators and de-chlorination tablets, for a number of years. City personnel began implementation of the monitoring, tracking and reporting requirements during FY 09-10 hydrant flushing operations, which started in April 2010. City personnel monitored for chlorine residual, pH, and turbidity. The monitoring and reporting data from the planned discharges - hydrant flushing operations are listed in Appendix 15-1. The City did not encounter unplanned discharges during the reporting period.

Review of the monitoring results shows that discharges from the planned hydrant flushing operations were mostly in compliance with the chlorine, pH, and turbidity discharge benchmarks listed in the MRP. Some of the chlorine were reported at 1.0 mg/L and 1.5 mg/L, with a few reported at 2.0 mg/L, which exceed the 0.5 mg/L benchmark level. A small number of results showed pH results of 6, which is below the lower pH benchmark of 6.5. The City will evaluate its monitoring equipment to ensure that accurate measurements are collected. City personnel currently use colorimetric field test kits that may not provide adequate confidence levels for determining compliance. City staff is in the process of evaluating, and if necessary, improving sample collection practices to ensure the representative samples are collected. Also, City personnel will be trained to complete the forms with the information that is required. Specifically, requiring comments for measures that were taken when results did not meet the benchmark levels.

A summary of the Program’s efforts to update the Water Utility Operations & Maintenance Discharge Pollution Prevention Plan (WUDPPP) to assist municipal water purveyors in complying with this provision of the MRP is included within the C.15 Exempted and Conditionally Exempted Discharges section of Program’s FY 09-10 Annual Report.

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

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

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

Summary:

The City of Mountain View implements a water conservation program that includes business and residential audit programs, rebate programs, and comprehensive outreach and information about water-wise gardening. The City promotes a Santa Clara Valley Water District program that offers rebates for residents and businesses that convert turf landscape to water-efficient landscape. During FY 2009-2010, the City adopted a Water Conservation and Landscaping Ordinance that will be enforced to reduce water usage by regulating new construction. City staff provides water conservation and less toxic pest control information at public events, and information is available on the City of Mountain View's website. The City's Utilities Division also responds to over-watering complaints.

The City also promotes less toxic pest control and appropriate irrigation practices through its participation in SCVURPPP, including the Watershed Watch Campaign described in the C.7. Public Information and Outreach section, and the IPM Store Partnership and Green Gardener Training Programs described in the C.9. Pesticide Toxicity Control section of Program's FY 09-10 Annual Report.





## **Appendix - Table of Contents**

### Section 2 – Provision C.2 Municipal Operations

Appendix 2-1: C.2.f - FY 09-10 - Annual Report for MOC SWPPP

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

Appendix 4-1: C.4.b.iii.(1) - Potential Facilities List  
C.4.b.iii.(b) - Facilities Scheduled for Inspection

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

Appendix 5-1: C.5.b.ii(4) - IDDE Incident, Enforcement, and Source Summary

### Section 9 – Provision C.9 Pesticides Toxicity Controls

Appendix 9-1: C.9.a - City of Mountain View Integrated Pest Management Policy  
Appendix 9-2: C.9.b - Number of Different Pesticide Products Used  
Appendix 9-3: C.9.b - Quantity of Pesticides Applied  
Appendix 9-4: C.9.b - Quantity of Active Ingredients Applied  
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### Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges

Appendix 15-1: C.15.b.iii.(1) – Planned Discharges of the Potable Water System



**Appendix 2-1**

**C.2.f. – FY 09-10 Annual Report for MOC SWPPP**



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State of California  
STATE WATER RESOURCES CONTROL BOARD

2009-2010  
**ANNUAL REPORT**  
FOR  
STORM WATER DISCHARGES ASSOCIATED  
WITH INDUSTRIAL ACTIVITIES

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Reporting Period July 1, 2009 through June 30, 2010

**An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year.** This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at <http://www.swrcb.ca.gov/stormwtr/contact.html>. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

**GENERAL INFORMATION:**

**A. Facility Information:**

Facility Business Name: Municipal Operations Center  
Physical Address: 231 North Whisman Boulevard  
City: Mountain View CA Zip: 94039  
Standard Industrial Classification (SIC) Code(s): N/A

**Facility WDID No: NONE**

Contact Person: Mr. Gregg Hosfeldt  
e-mail: gregg.hosfeldt@mountainview.gov  
Phone: 650-903-6205

**B. Facility Operator Information:**

Operator Name: City of Mountain View  
Mailing Address: 231 North Whisman Road  
City: Mountain View

Contact Person: Mr. Gregg Hosfeldt  
e-mail: gregg.hosfeldt@mountainview.gov  
**CA** Zip: 94039 Phone: 650-903-6205

**C. Facility Billing Information:**

Operator Name: City of Mountain View  
Mailing Address: 231 North Whisman Road  
City: Mountain View

Contact Person: Mr. Gregg Hosfeldt  
e-mail: gregg.hosfeldt@mountainview.gov  
**CA** Zip: 94039 Phone: 650-903-6205

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**SPECIFIC INFORMATION**

**MONITORING AND REPORTING PROGRAM**

**D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS**

1. For the reporting period, was your facility exempt from collecting and analyzing samples from **two** storm events in accordance with sections B.12 or 15 of the General Permit?

**YES** Go to Item D.2  **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from **two** storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i.  Participating in an Approved Group Monitoring Plan **Group Name:** \_\_\_\_\_

ii.  Submitted **No Exposure Certification (NEC)** **Date Submitted:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
**Re-evaluation Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Does facility continue to satisfy NEC conditions?  **YES**  **NO**

iii.  Submitted **Sampling Reduction Certification (SRC)** **Date Submitted:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
**Re-evaluation Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Does facility continue to satisfy SRC conditions?  **YES**  **NO**

iv.  Received Regional Board Certification **Certification Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

v.  Received Local Agency Certification **Certification Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

3. If you checked boxes i or iii above, were you scheduled to sample **one** storm event during the reporting year?

**YES** Go to Section E  **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

**E. SAMPLING AND ANALYSIS RESULTS**

1. How many storm events did you sample? 2

If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

**YES**  **NO** **attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 1

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4. For each storm event sampled, did you collect and analyze a sample from each of the facility's' storm water discharge locations?  YES, go to Item E.6  NO

5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit?  YES  NO, **attach explanation**

If "YES", **attach documentation** supporting your determination that two or more drainage areas are substantially identical.

Date facility's drainage areas were last evaluated \_\_\_\_ / \_\_\_\_ / \_\_\_\_.

6. Were all samples collected during the first hour of discharge?  YES  NO, **attach explanation**

7. Was all storm water sampling preceded by three (3) working days without a storm water discharge?  YES  NO, **attach explanation**

8. Were there any discharges of storm water that had been temporarily stored or contained? (such as from a pond)  YES  NO, go to Item E.10

9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above)  YES  NO, **attach explanation**

10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.

a. Does Table D contain any additional parameters related to your facility's SIC code(s)?  YES  NO, Go to Item E.11

b. Did you analyze all storm water samples for the applicable parameters listed in Table D?  YES  NO

c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:

\_\_\_\_\_ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**

\_\_\_\_\_ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**

\_\_\_\_\_ Other. **Attach explanation**

11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using **Form 1** or its equivalent. The following must be provided for each sample collected:

- Date and time of sample collection
- Name and title of sampler
- Parameters tested
- Name of analytical testing laboratory
- Discharge location identification

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- Testing results
- Test methods used
- Test detection limits
- Date of testing
- Copies of the laboratory analytical results

F. QUARTERLY VISUAL OBSERVATIONS

1. **Authorized Non-Storm Water Discharges**

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

**YES**                       **NO**    Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. **Attach an explanation for any "NO" answers.** Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September     **YES**     **NO**     **N/A**                      October-December     **YES**     **NO**     **N/A**

January-March     **YES**     **NO**     **N/A**                      April-June                       **YES**     **NO**     **N/A**

c. Use **Form 2** to report quarterly visual observations of authorized non-storm water discharges or provide the following information:

- name of each authorized non-storm water discharge. 1) Discharge of meter testing water to catch basin.
- date and time of observation; 09/11/2009 @ 11:30 a.m.; 11/24/2009 @ 11:30 a.m.; 03/26/2010 @ 1:30 p.m.; 05/14/2009 @ 10:00 a.m.
- source and location of each authorized non-storm water discharge. Potable water from spigot behind Bldg. A.
- characteristics of the discharge at its source and impacted drainage area/discharge location: potable water appears clear when discharging to adjacent catch basin during past inspections, however, no discharges were observed during 2009-2010 dry weather inspections.
- name, title, and signature of observer: Margo Mackey, REA. Margo Mackey
- any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. NO. Provide new or revised BMP implementation date. Not applicable.

2. **Unauthorized Non-Storm Water Discharges**

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. **Attach an explanation for any "NO" answers.**

July-September     **YES**     **NO**                                      October-December     **YES**     **NO**

January-March     **YES**     **NO**                                      April-June                       **YES**     **NO**

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

**YES**                                       **NO**    Go to Item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

**YES**                                       **NO**    Attach explanation

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- d. Use **Form 3** to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:
- i. name of each unauthorized non-storm water discharge: None observed.
  - ii. date and time of observation: 09/11/2009 @ 11:30 a.m.; 11/24/2009 @ 11:30 a.m.; 03/26/2010 @ 1:30 p.m.; 05/14/2009 @ 10:00 a.m.
  - iii. source and location of each unauthorized non-storm water discharge: None observed.
  - iv. characteristics of the discharge at its source and impacted drainage area/discharge location: N/A
  - v. name, title, and signature of observer: Margo Mackey, REA. *M. Mackey*
  - vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. NO. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated. N/A.

**G. MONTHLY WET SEASON VISUAL OBSERVATIONS**

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using **Form 4** or provide the following information:

- a. date, time, and location of observation: 10/13/2009 @ 1:00 p.m.; 11/20/2009 @ 1:20 p.m.; 12/28/2009 @ 12:30 p.m.; 01/19/2010 @ 1:10 p.m.; 02/23/2010 @ 02:00 p.m.; 03/12/2010 @ 3:00 p.m.; 04/12/2010 @ 2:00 p.m.; and 05/17/2010 @ 1:00 p.m. Locations: catch basins, car wash/sludge drying area, hazardous material storage area, outdoor storage locations, and the loading dock were observed during each inspection.
- b. name and title of observer: Shaun Surani, Environmental Scientist for October and November through May and Nicholas Albert, Environmental Scientist for November
- c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed. Storm water appeared fairly clear with no obvious discoloration or sheen, except for: slight oil sheen on surface in catch basins at the Outdoor Storage Area during all inspections, at Loading Dock catch basins at all inspections except May, and at the Car Wash/Sludge Drying Area catch basins in March. Possible source = oil from vehicles, road, parking lot, vehicle maintenance bldg; The Loading Dock run off appeared clear and oily during all inspections and was also foamy in January. Possible source = road and vehicles. The Car Wash runoff appeared clear with small debris (Oct. through December), was clear in January, oily in February, clear with oily sheen in March, April, and May; possible source = Car Wash Area. The runoff around the Hazmat Storage Area appeared clear during all inspections. Runoff from the Outdoor Storage Area appeared oily and brown in October, December, January, February, with a slight sheen in November, March, and April; possible source = parts storage.
- d. any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. None at this time. Provide new or revised BMP implementation date. None at this time.

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**ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)**

**H. ACSCE CHECKLIST**

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1- June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete an ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas?  YES  NO  
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year
- outdoor wash and rinse areas
- process/manufacturing areas
- loading, unloading, and transfer areas
- waste storage/disposal areas
- dust/particulate generating areas
- erosion areas
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas?  YES  NO

3. Have you inspected the entire facility to verify that the SWPPP's site map is up-to-date? The following site map items should be verified:  YES  NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation?  YES  NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

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5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit?  YES  NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented?  YES  NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected?  YES  NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes: identification of personnel performing the evaluation

- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken

Use **Form 5** to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?  YES  NO

If you answered "NO" **attach an explanation** to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

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**ATTACHMENT SUMMARY**

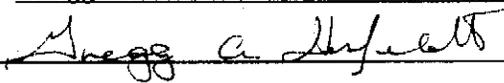
Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

1. Have you attached Forms 1,2,3,4, and 5 or their equivalent?  YES (Mandatory)
2. If you conducted sampling and analysis, have you attached the laboratory analytical reports?  YES  NO  NA
3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications?  YES  NO  NA
4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J?  YES  NO  NA

**ANNUAL REPORT CERTIFICATION**

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and 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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person 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.

Printed Name: Gregg Hosfeldt

Signature:  Date: 6/22/10

Title: Assistant Public Works Director

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EXPLANATION FOR "NO" ANSWERS ON ANNUAL REPORT

E.6. *Were all samples collected during the first hour of discharge?*

Storms that were sampled started between 4:00 a.m. and 4:30 a.m. and did not start during business hours, so we sampled as soon as possible during business hours.

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SIDE A

FORM 1-SAMPLING & ANALYSIS RESULTS  
FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <0.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLES: Shaun Surani

TITLE: Environmental Consultant

SIGNATURE: [Signature]

DESCRIBE DISCHARGE LOCATION		DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For First Storm Event					
BASIC PARAMETERS				OTHER PARAMETERS					
PH	TSS	SC	O&G	TOC	TPH- diesel and gas	Cadmium & Chromium	Copper & Iron	Nickel	Zinc
8.31	41	460	<5.0		<50 and <50	<0.01 and <0.05	<0.1 and 3.2	<0.10	0.12
TEST REPORTING UNITS:					ug/L	mg/L	mg/L	mg/L	mg/L
TEST METHOD DETECTION LIMIT					50 and 50	0.01 and 0.05	0.10 and 0.10	0.10	0.10
TEST METHOD USED:		SM4500	SM2540D	120.1	1664	8015DRO and 8260GRO	6010	6010	6010
ANALYZED BY LAB (Alpha Analytical Labs Inc.)		LAB	LAB	LAB	LAB	LAB	LAB	LAB	LAB

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

TPH - Total Petroleum Hydrocarbons

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SIDE B

**FORM 1-SAMPLING & ANALYSIS RESULTS**  
**SECOND STORM EVENT**

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: < 0.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box
- Make additional copies of this form as necessary

NAME OF PERSON COLLECTING SAMPLES: Shaun Surani

TITLE: Environmental Consultant SIGNATURE: Nay's Date by for Shaun Surani  
ANALYTICAL RESULTS  
For Second Storm Event

DESCRIBE DISCHARGE LOCATION	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	BASIC PARAMETERS				OTHER PARAMETERS					
			PH	TSS	SC	O&G	TOC	TPH- diesel and gas	Cadmium & Chromium	Copper and Iron	Nickel	Zinc
#1: Northwest Catch Basin behind Bldg. A	01/19/2010 1:10 p.m.	01/19/2010 4:00 a.m.	8.23	140	120	<5.0		240 and <50	<0.01 and <0.05	<0.10 and 6.2	<0.10	0.13
TEST REPORTING UNITS:			pH Units	mg/l	Unthos/cm	mg/l	mg/l	ug/L	mg/L	mg/L	mg/L	Mg/L
TEST METHOD DETECTION LIMIT			1.0	1.0	20	5.0		50 and 50	0.01 and 0.05	0.10 and 0.10	0.10	0.10
TEST METHOD USED:			SM 4500 LAB	SM2540 LAB	120.1 LAB	1664 LAB		8015PRO and 8015GRO LAB	6010 LAB	6010 LAB	6010 LAB	6010 LAB
ANALYZED BY LAB (Alpha Analytical Labs Inc.)												

TSS - Total Suspended Solids      SC - Specific Conductance      O&G - Oil & Grease      TOC - Total Organic Carbon      TPH - Total Petroleum Hydrocarbons

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FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION  
 POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 5 / 14 / 2009 INSPECTOR NAME: Marjo Mackey, REA. SIGNATURE: *Marjo Mackey*

<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p>Source Area 1: includes two outside storage areas containing steel pipes, piping, bricks, concrete vaults, impounded vehicles.</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p> <p>NONE</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p> <p>NONE</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p>Source Area 2: includes covered solid waste handling facility (leaves, wood waste, sweeping debris) and covered bulk storage facility (storage bins with sand, base rock etc) and car wash/sludge drying operation.</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p> <p>NONE</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p> <p>NONE</p>
<p>POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)</p> <p>Source Area 3: includes the hazardous material storage area (approximately 3 flammable material storage cabinets) located on a paved surface.</p>	<p>HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p> <p>ARE ADDITIONAL/REVISED BMPs NECESSARY?  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>If yes, to either question, complete the next two columns of this form</p>	<p>Describe deficiencies in BMPs or BMP implementation</p> <p>NONE</p>	<p>Describe additional/revISED BMPs or corrective actions and their date(s) of implementation</p> <p>NONE</p>



*Alpha*

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e-mail: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)

Corporate: 208 Mason St., Ukiah, CA 95482 • Phone: (707) 468-0401 • Fax: (707) 468-5267  
Service Center: 6398 Dougherty Rd., Suite 35, Dublin, CA 94568 • Phone: (925) 828-6226 • Fax: (925) 828-6309

ELAP Certificate Numbers 1551 and 2728

29 October 2009

Mountain View, City of  
Attn: Kathlyn Sturla  
231 N. Whisman Road  
Mountain View, CA 94043  
RE: Storm Water  
Work Order: 09J0541

Enclosed are the results of analyses for samples received by the laboratory on 10/13/09 20:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

*Sheri Speaks*

Sheri L. Speaks For Robbie C. Phillips  
Project Manager



Alpha Analytical Laboratories Inc.

e-mail: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)

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**CHEMICAL EXAMINATION REPORT**

Page 1 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1 Northwest Catch Basin Behind Building A	09J0541-01	Water	10/13/09 13:40	10/13/09 20:15

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Bruce Gove  
Laboratory Director

10/29/2009



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**CHEMICAL EXAMINATION REPORT**

Page 2 of 8

Mountain View, City of  
 231 N. Whisman Road  
 Mountain View, CA 94043  
 Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
 Project No: 100331  
 Project ID: Storm Water

<u>Order Number</u> 0930541	<u>Receipt Date/Time</u> 10/13/2009 20:15	<u>Client Code</u> SEL_MOUNTAINVIEW	<u>Client PO/Reference</u>
--------------------------------	--	--	----------------------------

**Alpha Analytical Laboratories, Inc.**

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
<b>#1 Northwest Catch Basin Behind Building A (09J0541-01)</b>			<b>Sample Type: Water</b>		<b>Sampled: 10/13/09 13:40</b>			
<b>Metals by EPA 6000/7000 Series Methods</b>								
Cadmium	EPA 6010	AJ91518	10/15/09 11:12	10/27/09 15:36	1	ND mg/l	0.010	
Chromium	"	"	"	"	"	ND "	0.050	
Copper	"	"	"	"	"	ND "	0.10	
Iron	"	"	"	"	"	3.2 "	0.10	
Nickel	"	"	"	"	"	ND "	0.10	
Zinc	"	"	"	"	"	0.12 "	0.10	
<b>Conventional Chemistry Parameters by APHA/EPA Methods</b>								
Oil & Grease (HEM)	EPA 1664	AJ92119	10/21/09 12:49	10/23/09 17:00	1	ND mg/l	5.0	
pH	SM4500-H+ B	AJ91416	10/14/09 16:00	10/14/09 17:00	"	8.31 pH Units	1.00	T-14
Specific Conductance (EC)	EPA 120.1	"	"	"	"	460 umbos/cm	20	
Total Suspended Solids	SM2540D	AJ91542	10/15/09 18:04	10/16/09 12:19	"	41 mg/l	1.0	
<b>TPH by EPA/LUFT GC/GCMS Methods</b>								
TPH as Diesel	8015DRO	AJ92223	10/22/09 14:25	10/23/09 22:52	1	ND ug/l	50	
TPH as Gasoline	8015GRO	AJ92309	10/23/09 09:47	10/23/09 13:12	"	ND "	50	
Surrogate: 1,4-Bromofluorobenzene	"	"	"	"	"	109 %	63-150	
Surrogate: Tetraetracontane	8015DRO	AJ92223	10/22/09 14:25	10/23/09 22:52	"	58.1 %	27-124	

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Bruce Gove  
 Laboratory Director

10/29/2009



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CHEMICAL EXAMINATION REPORT

Page 3 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AJ91518 - Metals Digest</b>										
<b>Blank (AJ91518-BLK1)</b>				Prepared: 10/15/09 Analyzed: 10/22/09						
Cadmium	ND	0.010	mg/l							
Chromium	ND	0.050	"							
Copper	ND	0.10	"							
Iron	ND	0.10	"							
Nickel	ND	0.10	"							
Zinc	ND	0.10	"							
<b>LCS (AJ91518-BS1)</b>				Prepared: 10/15/09 Analyzed: 10/22/09						
Cadmium	0.213	0.010	mg/l	0.200		106	85-115			
Chromium	0.216	0.050	"	0.200		108	85-115			
Copper	0.214	0.10	"	0.200		107	85-115			
Iron	2.27	0.10	"	2.00		114	85-115			
Nickel	0.218	0.10	"	0.200		109	85-115			
Zinc	0.223	0.10	"	0.200		112	85-115			
<b>Duplicate (AJ91518-DUP1)</b>				<b>Source: 09J0491-01</b>		Prepared: 10/15/09 Analyzed: 10/22/09				
Cadmium	ND	0.010	mg/l		ND				20	
Chromium	0.0110	0.050	"		ND				20	
Copper	0.0168	0.10	"		ND				20	
Iron	2.86	0.10	"		2.4			17.5	20	
Nickel	0.0130	0.10	"		ND				20	
Zinc	0.116	0.10	"		0.11			5.31	20	
<b>Matrix Spike (AJ91518-MS1)</b>				<b>Source: 09J0491-01</b>		Prepared: 10/15/09 Analyzed: 10/22/09				
Cadmium	0.200	0.010	mg/l	0.200	ND	100	70-130			
Chromium	0.222	0.050	"	0.200	ND	106	70-130			
Copper	0.236	0.10	"	0.200	ND	110	70-130			

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Bruce Gove  
Laboratory Director

10/29/2009



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**CHEMICAL EXAMINATION REPORT**

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

**Metals by EPA 6000/7000 Series Methods - Quality Control**

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AJ91518 - Metals Digest</b>										
<b>Matrix Spike (AJ91518-MS1)</b>		<b>Source: 09J0491-01</b>			Prepared: 10/15/09		Analyzed: 10/22/09			
Iron	4.64	0.10	"	2.00	2.4	112	70-130			
Nickel	0.216	0.10	"	0.200	ND	102	70-130			
Zinc	0.336	0.10	"	0.200	0.11	113	70-130			
<b>Matrix Spike (AJ91518-MS2)</b>		<b>Source: 09J0498-01</b>			Prepared: 10/15/09		Analyzed: 10/22/09			
Cadmium	0.199	0.010	mg/l	0.200	ND	99.5	70-130			
Chromium	0.232	0.050	"	0.200	ND	105	70-130			
Copper	0.282	0.10	"	0.200	ND	112	70-130			
Iron	8.72	0.10	"	2.00	7.0	86.0	70-130			
Nickel	0.228	0.10	"	0.200	ND	98.5	70-130			
Zinc	0.618	0.10	"	0.200	0.41	104	70-130			
<b>Matrix Spike Dup (AJ91518-MSD1)</b>		<b>Source: 09J0491-01</b>			Prepared: 10/15/09		Analyzed: 10/22/09			
Cadmium	0.210	0.010	mg/l	0.200	ND	105	70-130	4.88	20	
Chromium	0.230	0.050	"	0.200	ND	110	70-130	3.54	20	
Copper	0.240	0.10	"	0.200	ND	112	70-130	1.68	20	
Iron	4.89	0.10	"	2.00	2.4	124	70-130	5.25	20	
Nickel	0.227	0.10	"	0.200	ND	108	70-130	4.97	20	
Zinc	0.323	0.10	"	0.200	0.11	106	70-130	3.95	20	

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Bruce Gove  
Laboratory Director

10/29/2009



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CHEMICAL EXAMINATION REPORT

Page 5 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AJ91416 - General Preparation</b>										
<b>Duplicate (AJ91416-DUP1)</b> Source: 09J0536-01 Prepared & Analyzed: 10/14/09										
Specific Conductance (EC)	90.0	20	umhos/cm		90			0.00	10	
pH	7.01	1.00	pH Units		6.68			4.82	20	
<b>Batch AJ91542 - General Preparation</b>										
<b>Blank (AJ91542-BLK1)</b> Prepared: 10/15/09 Analyzed: 10/16/09										
Total Suspended Solids	ND	1.0	mg/l							
<b>Duplicate (AJ91542-DUP1)</b> Source: 09J0548-01 Prepared: 10/15/09 Analyzed: 10/16/09										
Total Suspended Solids	161	1.0	mg/l		190			16.5	30	
<b>Duplicate (AJ91542-DUP2)</b> Source: 09J0552-01 Prepared: 10/15/09 Analyzed: 10/16/09										
Total Suspended Solids	987	1.0	mg/l		1000			1.31	30	
<b>Batch AJ92119 - General Preparation</b>										
<b>Blank (AJ92119-BLK1)</b> Prepared: 10/21/09 Analyzed: 10/23/09										
Oil & Grease (HEM)	ND	5.0	mg/l							
<b>LCS (AJ92119-BS1)</b> Prepared: 10/21/09 Analyzed: 10/23/09										
Oil & Grease (HEM)	33.3	5.0	mg/l	40.0		83.2	78-114			
<b>LCS Dup (AJ92119-BSD1)</b> Prepared: 10/21/09 Analyzed: 10/23/09										
Oil & Grease (HEM)	37.7	5.0	mg/l	40.0		94.2	78-114	12.4	18	
<b>Matrix Spike (AJ92119-MS1)</b> Source: 09J0542-01 Prepared: 10/21/09 Analyzed: 10/23/09										
Oil & Grease (HEM)	15.3	5.0	mg/l	20.0	ND	76.5	78-114			QM-01

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Bruce Gove  
Laboratory Director

10/29/2009



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**CHEMICAL EXAMINATION REPORT**

Page 6 of 8

Mountain View, City of  
 231 N. Whisman Road  
 Mountain View, CA 94043  
 Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
 Project No: 100331  
 Project ID: Storm Water

Order Number  
 09J0541

Receipt Date/Time  
 10/13/2009 20:15

Client Code  
 SEL\_MOUNTAINVIEW

Client PO/Reference

**TPH by EPA/LUFT GC/GCMS Methods - Quality Control**

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AJ92223 - SVOAs in Water GC</b>										
<b>Blank (AJ92223-BLK1)</b>				Prepared: 10/22/09 Analyzed: 10/23/09						
TPH as Diesel	ND	50	ug/l							
Surrogate: Tetraetracontane	57.8		"	61.6		93.8	27-124			
<b>LCS (AJ92223-BS1)</b>				Prepared: 10/22/09 Analyzed: 10/23/09						
TPH as Diesel	1570	50	ug/l	2000		78.5	55-134			
Surrogate: Tetraetracontane	44.0		"	61.6		71.4	27-124			
<b>LCS Dup (AJ92223-BSD1)</b>				Prepared: 10/22/09 Analyzed: 10/23/09						
TPH as Diesel	2150	50	ug/l	2000		108	55-134	31.2	25	QL-04
Surrogate: Tetraetracontane	56.6		"	61.6		91.9	27-124			
<b>Batch AJ92309 - EPA 5030 Water GC</b>										
<b>Blank (AJ92309-BLK1)</b>				Prepared & Analyzed: 10/23/09						
TPH as Gasoline	ND	50	ug/l							
Surrogate: 1,4-Bromofluorobenzene	3.87		"	3.46		112	63-150			
<b>LCS (AJ92309-BS1)</b>				Prepared & Analyzed: 10/23/09						
TPH as Gasoline	180	50	ug/l	200		90.0	79-123			
Surrogate: 1,4-Bromofluorobenzene	3.64		"	3.46		105	63-150			
<b>LCS Dup (AJ92309-BSD1)</b>				Prepared & Analyzed: 10/23/09						
TPH as Gasoline	175	50	ug/l	200		87.5	79-123	2.82	15	
Surrogate: 1,4-Bromofluorobenzene	3.57		"	3.46		103	63-150			
<b>Matrix Spike (AJ92309-MS1)</b>				Source: 09J0541-01		Prepared & Analyzed: 10/23/09				
TPH as Gasoline	166	50	ug/l	200	ND	83.0	65-161			

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Bruce Gove  
 Laboratory Director

10/29/2009



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**CHEMICAL EXAMINATION REPORT**

Page 7 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

**TPH by EPA/LUFT GC/GCMS Methods - Quality Control**

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AJ92309 - EPA 5030 Water GC</b>										
<b>Matrix Spike (AJ92309-MS1)</b>		<b>Source: 09J0541-01</b>			<b>Prepared &amp; Analyzed: 10/23/09</b>					
Surrogate: 1,4-Bromofluorobenzene	3.91		"	3.46	113	63-150				

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Bruce Gove  
Laboratory Director

10/29/2009



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**CHEMICAL EXAMINATION REPORT**

Page 8 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 10/29/09 06:01  
Project No: 100331  
Project ID: Storm Water

Order Number  
09J0541

Receipt Date/Time  
10/13/2009 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference

**Notes and Definitions**

- QL-04 The LCS/LCSD RPD for this analyte was outside of established control limits. Batch accepted based on acceptable recovery for both LCS/LCSD.
- QM-01 The spike recovery for this QC sample is outside of established control limits possibly due to a sample matrix interference.
- T-14 Residual chlorine, dissolved oxygen, and pH must be analyzed in the field to meet the EPA specified 15 minute hold time. Sample was received and analyzed outside of this "window."
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- PQL Practical Quantitation Limit





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ELAP Certificate Numbers 1551 and 2728

03 February 2010

Mountain View, City of  
Attn: Kathlyn Sturla  
231 N. Whisman Road  
Mountain View, CA 94043  
RE: Storm Water  
Work Order: 10A0642

Enclosed are the results of analyses for samples received by the laboratory on 01/19/10 20:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

*Sheri Speaks*

Sheri L. Speaks For Robbie C. Phillips  
Project Manager



Alpha Analytical Laboratories Inc.

e-mail: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)

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**CHEMICAL EXAMINATION REPORT**

Page 1 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 02/03/10 10:08  
Project No: 100331  
Project ID: Storm Water

Order Number  
10A0642

Receipt Date/Time  
01/19/2010 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference  
100331

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
#1 Northwest Catch Basin	10A0642-01	Water	01/19/10 13:30	01/19/10 20:15

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Bruce Gove  
Laboratory Director

2/3/2010



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CHEMICAL EXAMINATION REPORT

Page 2 of 8

Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 02/03/10 10:08  
Project No: 100331  
Project ID: Storm Water

Order Number  
10A0642

Receipt Date/Time  
01/19/2010 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference  
100331

Alpha Analytical Laboratories, Inc.

	METHOD	BATCH	PREPARED	ANALYZED	DILUTION	RESULT	PQL	NOTE
#1 Northwest Catch Basin (10A0642-01)			Sample Type: Water		Sampled: 01/19/10 13:30			
Metals by EPA 6000/7000 Series Methods								
Cadmium	EPA 6010	AA02203	01/22/10 06:35	01/29/10 18:15	1	ND mg/l	0.010	
Chromium	"	"	"	"	"	ND "	0.050	
Copper	"	"	"	"	"	ND "	0.10	
Iron	"	"	"	"	"	6.2 "	0.10	
Nickel	"	"	"	"	"	ND "	0.10	
Zinc	"	"	"	"	"	0.13 "	0.10	
Conventional Chemistry Parameters by APHA/EPA Methods								
Oil & Grease (HEM)	EPA 1664	AA02519	01/25/10 11:46	01/27/10 14:50	1	ND mg/l	5.0	
pH	SM4500-H+ B	AA02017	01/20/10 13:34	01/20/10 17:00	"	8.23 pH Units	1.00	T-14
Specific Conductance (EC)	EPA 120.1	"	"	"	"	120 umhos/cm	20	
Total Suspended Solids	SM2540D	AA02212	01/22/10 09:01	01/29/10 15:46	"	140 mg/l	1.0	
TPH by EPA/LUFT GC/GCMS Methods								
TPH as Diesel	8015DRO	AA02120	01/21/10 15:21	01/27/10 00:11	1	240 ug/l	50	D-09
TPH as Gasoline	8260GRO	AA02812	01/22/10 08:00	01/23/10 09:27	"	ND "	50	
Surrogate: Tetraetracontane	8015DRO	AA02120	01/21/10 15:21	01/27/10 00:11		72.4 %	27-124	
Surrogate: Toluene-d8	8260GRO	AA02812	01/22/10 08:00	01/23/10 09:27		100 %	76-129	

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Bruce Gove  
Laboratory Director

2/3/2010



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CHEMICAL EXAMINATION REPORT

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Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 02/03/10 10:08  
Project No: 100331  
Project ID: Storm Water

Order Number  
10A0642

Receipt Date/Time  
01/19/2010 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference  
100331

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AA02203 - Metals Digest</b>										
<b>Blank (AA02203-BLK1)</b>				Prepared: 01/22/10 Analyzed: 01/29/10						
Cadmium	ND	0.010	mg/l							
Chromium	ND	0.050	"							
Copper	ND	0.10	"							
Iron	ND	0.10	"							
Nickel	ND	0.10	"							
Zinc	ND	0.10	"							
<b>LCS (AA02203-BS1)</b>				Prepared: 01/22/10 Analyzed: 01/29/10						
Cadmium	0.218	0.010	mg/l	0.200		109	85-115			
Chromium	0.209	0.050	"	0.200		104	85-115			
Copper	0.210	0.10	"	0.200		105	85-115			
Iron	2.25	0.10	"	2.00		112	85-115			
Nickel	0.218	0.10	"	0.200		109	85-115			
Zinc	0.227	0.10	"	0.200		114	85-115			
<b>Duplicate (AA02203-DUP1)</b>				<b>Source: 10A0643-01</b>		Prepared: 01/22/10 Analyzed: 01/29/10				
Cadmium	ND	0.010	mg/l		ND				20	
Chromium	ND	0.050	"		ND				20	
Copper	0.0146	0.10	"		ND				20	
Iron	0.305	0.10	"		0.32			4.80	20	
Nickel	ND	0.10	"		ND				20	
Zinc	0.153	0.10	"		0.16			4.47	20	
<b>Matrix Spike (AA02203-MS1)</b>				<b>Source: 10A0643-01</b>		Prepared: 01/22/10 Analyzed: 01/29/10				
Cadmium	0.217	0.010	mg/l	0.200	ND	108	70-130			
Chromium	0.211	0.050	"	0.200	ND	106	70-130			
Copper	0.228	0.10	"	0.200	ND	106	70-130			

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Bruce Gove  
Laboratory Director

2/3/2010



# Alpha

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## CHEMICAL EXAMINATION REPORT

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Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

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Project No: 100331  
Project ID: Storm Water

Order Number  
10A0642

Receipt Date/Time  
01/19/2010 20:15

Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference  
100331

### Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AA02203 - Metals Digest</b>										
<b>Matrix Spike (AA02203-MS1)</b>		<b>Source: 10A0643-01</b>		<b>Prepared: 01/22/10 Analyzed: 01/29/10</b>						
Iron	2.54	0.10	"	2.00	0.32	111	70-130			
Nickel	0.220	0.10	"	0.200	ND	110	70-130			
Zinc	0.379	0.10	"	0.200	0.16	110	70-130			
<b>Matrix Spike (AA02203-MS2)</b>		<b>Source: 10A0721-01</b>		<b>Prepared: 01/22/10 Analyzed: 01/29/10</b>						
Cadmium	0.210	0.010	mg/l	0.200	ND	105	70-130			
Chromium	0.207	0.050	"	0.200	ND	104	70-130			
Copper	0.211	0.10	"	0.200	ND	102	70-130			
Iron	3.43	0.10	"	2.00	1.1	116	70-130			
Nickel	0.211	0.10	"	0.200	ND	104	70-130			
Zinc	0.278	0.10	"	0.200	ND	108	70-130			
<b>Matrix Spike Dup (AA02203-MSD1)</b>		<b>Source: 10A0643-01</b>		<b>Prepared: 01/22/10 Analyzed: 01/29/10</b>						
Cadmium	0.219	0.010	mg/l	0.200	ND	110	70-130	0.917	20	
Chromium	0.213	0.050	"	0.200	ND	106	70-130	0.943	20	
Copper	0.231	0.10	"	0.200	ND	108	70-130	1.31	20	
Iron	2.53	0.10	"	2.00	0.32	110	70-130	0.394	20	
Nickel	0.221	0.10	"	0.200	ND	110	70-130	0.454	20	
Zinc	0.383	0.10	"	0.200	0.16	112	70-130	1.05	20	

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CHEMICAL EXAMINATION REPORT

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Mountain View, City of  
231 N. Whisman Road  
Mountain View, CA 94043  
Attn: Kathlyn Sturla

Report Date: 02/03/10 10:08  
Project No: 100331  
Project ID: Storm Water

Order Number: 10A0642      Receipt Date/Time: 01/19/2010 20:15      Client Code: SEL\_MOUNTAINVIEW      Client PO/Reference: 100331

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AA02017 - General Preparation</b>										
<b>Duplicate (AA02017-DUP1)</b> <b>Source: 10A0653-03</b> Prepared & Analyzed: 01/20/10										
pH	7.40	1.00	pH Units		7.36			0.542	20	
Specific Conductance (EC)	70.4	20	umhos/cm		71			0.849	10	
<b>Batch AA02212 - General Preparation</b>										
<b>Blank (AA02212-BLK1)</b> Prepared: 01/22/10 Analyzed: 01/29/10										
Total Suspended Solids	ND	1.0	mg/l							
<b>Duplicate (AA02212-DUP1)</b> <b>Source: 10A0642-01</b> Prepared: 01/22/10 Analyzed: 01/29/10										
Total Suspended Solids	119	1.0	mg/l		140			16.2	30	
<b>Duplicate (AA02212-DUP2)</b> <b>Source: 10A0618-01</b> Prepared: 01/22/10 Analyzed: 01/29/10										
Total Suspended Solids	192	1.0	mg/l		220			13.6	30	
<b>Batch AA02519 - General Preparation</b>										
<b>Blank (AA02519-BLK1)</b> Prepared: 01/25/10 Analyzed: 01/27/10										
Oil & Grease (HEM)	ND	5.0	mg/l							
<b>LCS (AA02519-BS1)</b> Prepared: 01/25/10 Analyzed: 01/27/10										
Oil & Grease (HEM)	38.7	5.0	mg/l	40.0		96.8	78-114			
<b>LCS Dup (AA02519-BSD1)</b> Prepared: 01/25/10 Analyzed: 01/27/10										
Oil & Grease (HEM)	37.9	5.0	mg/l	40.0		94.8	78-114	2.09	18	

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CHEMICAL EXAMINATION REPORT

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Mountain View, City of  
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TPH by EPA/LUFT GC/GCMS Methods - Quality Control

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AA02120 - SVOAs in Water GC</b>										
<b>Blank (AA02120-BLKI)</b>				Prepared: 01/21/10 Analyzed: 01/26/10						
TPH as Diesel	ND	50	ug/l							
Surrogate: Tetratetracontane	59.0		"	61.6		95.8	27-124			
<b>LCS (AA02120-BS1)</b>				Prepared: 01/21/10 Analyzed: 01/26/10						
TPH as Diesel	1560	50	ug/l	2000		78.0	55-134			
Surrogate: Tetratetracontane	62.4		"	61.6		101	27-124			
<b>LCS Dup (AA02120-BSD1)</b>				Prepared: 01/21/10 Analyzed: 01/26/10						
TPH as Diesel	1570	50	ug/l	2000		78.5	55-134	0.639	25	
Surrogate: Tetratetracontane	65.7		"	61.6		107	27-124			
<b>Batch AA02812 - VOAs in Water GCMS</b>										
<b>Blank (AA02812-BLKI)</b>				Prepared & Analyzed: 01/22/10						
TPH as Gasoline	ND	50	ug/l							
Surrogate: Toluene-d8	25.0		"	25.0		100	76-129			
<b>LCS (AA02812-BS1)</b>				Prepared: 01/22/10 Analyzed: 01/23/10						
TPH as Gasoline	179	50	ug/l	200		89.5	67-132			
Surrogate: Toluene-d8	25.2		"	25.0		101	76-129			
<b>Matrix Spike (AA02812-MS1)</b>				Source: 10A0642-01		Prepared: 01/22/10 Analyzed: 01/23/10				
TPH as Gasoline	183	50	ug/l	200	ND	91.5	37-156			
Surrogate: Toluene-d8	24.9		"	25.0		99.6	76-129			
<b>Matrix Spike Dup (AA02812-MSD1)</b>				Source: 10A0642-01		Prepared: 01/22/10 Analyzed: 01/23/10				
TPH as Gasoline	187	50	ug/l	200	ND	93.5	37-156	2.16	25	

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**CHEMICAL EXAMINATION REPORT**

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Mountain View, City of  
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Client Code  
SEL\_MOUNTAINVIEW

Client PO/Reference  
100331

**TPH by EPA/LUFT GC/GCMS Methods - Quality Control**

Analyte(s)	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch AA02812 - VOAs in Water GCMS</b>										
<b>Matrix Spike Dup (AA02812-MSD1)</b> <b>Source: 10A0642-01</b> Prepared: 01/22/10 Analyzed: 01/23/10										
Surrogate: Toluene-d8	25.4			25.0		102	76-129			

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**CHEMICAL EXAMINATION REPORT**

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**Notes and Definitions**

- D-09 Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
- T-14 Residual chlorine, dissolved oxygen, and pH must be analyzed in the field to meet the EPA specified 15 minute hold time. Sample was received and analyzed outside of this "window."
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- PQL Practical Quantitation Limit



## **Appendix 4-1**

### **C.4.b.iii(1) – Potential Facilities List C.4.iii.(2) – Facilities Scheduled for Inspection**

This Appendix includes lists of facilities that could reasonably be considered to cause or contribute to pollution of stormwater runoff. The attachment includes separate lists for different business categories that could be queried from the City's database. The different business categories and the inspection frequencies for each category are listed below:

1. Automotive facilities – Annual
2. Industrial pretreatment facilities – Annual
3. Machine shops – Annual
4. Food service facilities – Biennially
5. Construction yards, lumber yards, corporation yards, paint facilities, and pesticide facilities - Biennially



## **Automotive Facilities**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
702	975 Bay Street	Family Thrifty Car Wash, Inc.	Automotive (Car Wash)
1035	2622 Bayshore Parkway	All Automotive	Automotive (Vehicle Svce)
1013	1299 Bryant Avenue	MV/LA Union High School District	School, Automotive (Vehicle Svce)
1184	190 Calderon Avenue	North Star Auto Tech dba No. Star Comp	Automotive (Vehicle Svce)
1294	2620 California Street	Kragen Auto Parts #207	Automotive (Auto Part Sales)
1020	1175 Castro Street	Mountain View Whisman School District	Automotive (Vehicle Svce)
1022	890 Central Avenue	Young's Automotive Service	Automotive (Vehicle Svce)
1461	1907 Colony Street	Poulsen Construction	Automotive (Vehicle Svce),
739	160 Cuesta Drive	CMV - Fire Station #2	Automotive (Vehicle Svce), Government
703	951 Dale Avenue	Moonlite Carwash	Automotive (Car Wash)
1216	705 Dana Street West Unit B	GTS Auto Center, Inc.	Automotive (Vehicle Svce)
701	966 Dana Street West	Dunn's Automotive Service Inc.	Automotive (Body Repair)
1064	47 Easy Street	Bellafresca Foods	Automotive (Vehicle Svce), Food Service
705	101 El Camino Real East	Houtan Petroleum, Inc.	Automotive (Vehicle Svce), Automotive (Gas)
747	120 El Camino Real East	BMW of Mountain View	Automotive (Vehicle Svce)
1312	150 El Camino Real East	BMW of Mountain View	Automotive (Vehicle Svce)
738	160 El Camino Real East	Mini of Mountain View	Automotive (Vehicle Svce), Automotive (Car)
1269	170 El Camino Real East	Kragen Auto Parts #322	Automotive (Auto Part Sales)
735	790 El Camino Real East	Americana Shell #1	Automotive (Gas Station), Automotive (Car)
706	1101 El Camino Real West	Harv's Car Wash	Automotive (Car Wash)
1086	1141 El Camino Real West	Jiffy Lube #2342	Automotive (Vehicle Svce)

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types  
As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1087	1288 El Camino Real West	Shell Oil/G & J Acquisitions, Inc.	Automotive (Vehicle Svce), Automotive (Gas)
1089	1544 El Camino Real West	A-1 Foreign Auto	Automotive (Vehicle Svce), Automotive (Auto)
746	1901 El Camino Real West	Hertz Rent-A-Car Local Edition	Automotive (Automotive Rental)
1313	1915 El Camino Real West	Kragen Auto Parts #4114	Automotive (Auto Part Sales)
707	2080 El Camino Real West	Family Thrifty Car Wash, Inc.	Automotive (Car Wash)
1076	215 El Camino Real West	Midas	Automotive (Vehicle Svce), Retail Sales
1133	2580 El Camino Real West	KOLE, Inc. DBA Quality Tune-Up	Automotive (Vehicle Svce)
709	2690 El Camino Real West	Lozano Car Wash, Inc.	Automotive (Car Wash)
1078	343 El Camino Real West	United Auto Broker	Automotive (Vehicle Svce)
1072	45 El Camino Real West	Chevron USA #9-0699	Automotive (Vehicle Svce), Automotive (Gas)
1530	461 El Camino Real West	Savings Auto Care	Automotive (Vehicle Svce)
1073	59 El Camino Real West	Silicon Valley Valero #7864	Automotive (Vehicle Svce), Automotive (Gas)
1074	62 El Camino Real West	Mountain View U-Haul Center	Automotive (Vehicle Svce)
1302	624 El Camino Real West	Mountain View Radiator	Automotive (Vehicle Svce)
1083	845 El Camino Real West	Mountain View Auto Repair, Inc.	Automotive (Vehicle Svce)
1111	1010 El Monte Avenue	El Monte 76 Service #253686	Automotive (Vehicle Svce), Automotive (Gas)
1277	117 Evelyn Avenue East	Ron's Safety Service, Inc.	Automotive (Vehicle Svce)
1481	151 Evelyn Avenue East Unit A	Evelyn Auto Body	Automotive (Body Repair)
1484	151 Evelyn Avenue East Unit B	Joe's Foreign Car	Automotive (Vehicle Svce)
1210	151 Evelyn Avenue East Unit E	Michaux Automotive	Automotive (Vehicle Svce)
737	177 Evelyn Avenue East	FCC Collision Mountain View, LLC	Automotive (Body Repair)

# CITY OF MOUNTAIN VIEW FIRE AND ENVIRONMENTAL PROTECTION DIVISION

## Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1323	789 Evelyn Avenue East	Coast Auto Repair	Automotive (Vehicle Svce)
1120	789 Evelyn Avenue East	H & M Station	Automotive (Gas Station)
1121	181 Evelyn Avenue West Unit A	The Car Clinic	Automotive (Vehicle Svce)
1122	191 Evelyn Avenue West	Felix's Auto Service, Inc.	Automotive (Vehicle Svce)
1131	727 Evelyn Avenue West	Depot Garage/Redstone Motors	Automotive (Vehicle Svce)
1146	1220 Grant Road	Grant Road Shell	Automotive (Vehicle Svce), Automotive (Gas)
1151	750 Independence Avenue	Independence Auto Body	Automotive (Body Repair)
1152	828 Independence Avenue	Mountain View Auto and Truck	Automotive (Vehicle Svce)
712	1235 L/Avenida	Santa Clara Valley Transportation Authority	Automotive (Vehicle Svce)
1159	1968 Leghorn Street	Kevin's Auto Repair	Automotive (Vehicle Svce)
1344	1968 Leghorn Street	Bill's Towing Service	Automotive (Vehicle Towing)
714	2195 Leghorn Street	Thomas Transfer & Storage Co. Inc.	Automotive (Vehicle Svce)
1483	2526 Leghorn Street	Larry's Auto Works	Automotive (Vehicle Svce)
736	2526 Leghorn Street Unit A	Perfection Auto Detail	Automotive (Car Wash)
1252	2566 Leghorn Street Unit B	BTN Automotive	Automotive (Vehicle Svce)
1332	2570 Leghorn Street Unit 2	Silicon Valley Performance	Automotive (Vehicle Svce)
1410	2570 Leghorn Street Unit C	Steve Weiss Enterprises	Automotive (Vehicle Svce)
1208	830 Leong Drive	Don's Automotive	Automotive (Vehicle Svce), Automotive (Gas)
1512	941 Linda Vista Avenue Unit B	Mark Merrill	Automotive (Vehicle Svce)
1246	1708 Miramonte Avenue	Blossom Valley Shell	Automotive (Gas Station)
1245	810 Miramonte Avenue	Precision Tune Auto Care	Automotive (Vehicle Svce)

# CITY OF MOUNTAIN VIEW FIRE AND ENVIRONMENTAL PROTECTION DIVISION

## Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
716	243-251 Moffett Blvd.	C & C Body Shop	Automotive (Body Repair)
742	495 Moffett Blvd.	Moffett Blvd. Valero #7528	Automotive (Gas Station), Automotive (Car)
733	1776 Old Middlefield Way	Jones Hall USARC	Automotive (Vehicle Svce)
1183	1900 Old Middlefield Way Unit C	Poulsen Automotive	Automotive (Vehicle Svce)
1278	1900 Old Middlefield Way Unit E	Steve Smith's Auto Service	Automotive (Vehicle Svce)
1065	1900 Old Middlefield Way Unit F	Modderman Service, Inc.	Automotive (Vehicle Svce)
1007	1905 Old Middlefield Way	Barooni Imports	Automotive (Vehicle Svce)
1386	2025A,B/2029 Old Middlefield Way	City Collision	Automotive (Body Repair)
1365	2037 Old Middlefield Way	Dean's Automotive, Inc.	Automotive (Vehicle Svce)
1211	2145 Old Middlefield Way	The Dent Doctor	Automotive (Body Repair)
1292	2145 Old Middlefield Way Unit A	Dave's Body Shop Auto Detailing	Automotive (Body Repair)
1137	2171 Old Middlefield Way	Magnussen's Car West Autobody - MV	Automotive (Body Repair)
1103	2189 Old Middlefield Way	Bay Muffler	Automotive (Vehicle Svce)
1297	2232 Old Middlefield Way	Dinan Engineering, Inc.	Automotive (Vehicle Svce)
1260	2235 Old Middlefield Way Unit E	Automan Lube & Tune	Automotive (Vehicle Svce)
1181	2235 Old Middlefield Way Unit J	R & W Autobody & Paint Repair	Automotive (Body Repair)
1479	2239 Old Middlefield Way Unit A	Laslo's Auto Repair	Automotive (Vehicle Svce)
1391	2239 Old Middlefield Way Unit F	Israel's Tire & Alignment	Automotive (Vehicle Svce)
1119	2247 Old Middlefield Way Unit B	Lou's Automotive	Automotive (Vehicle Svce)
1528	2362 Old Middlefield Way Unit A	Middlefield Auto Service	Automotive (Vehicle Svce)
1369	2362 Old Middlefield Way Unit B-2	Auto Repair Specialist	Automotive (Vehicle Svce)

**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1281	2362 Old Middlefield Way Unit B-3	Heyer Performance	Automotive (Vehicle Svce)
717	2380 Old Middlefield Way	Moonlite Car Wash, Inc.	Automotive (Car Wash)
1304	2400 Old Middlefield Way	Magnussen Car West Auto Body	Automotive (Body Repair)
1450	2415 Old Middlefield Way Unit A&B	Independence Acura Service	Automotive (Vehicle Svce)
1309	2415 Old Middlefield Way Unit C&D	Ellsworth Brothers Machine	Machine Shop, Automotive (Vehicle Svce)
1308	2423 Old Middlefield Way Unit D	Griffin's Auto Repair	Automotive (Vehicle Svce)
719	2452 Old Middlefield Way	Budget Car & Truck Rental #1407	Automotive (Vehicle Svce), Automotive (Car
1154	2455 Old Middlefield Way Unit A	Euro Quattro	Automotive (Vehicle Svce)
1311	2490 Old Middlefield Way	California BMW	Automotive (Vehicle Svce)
1291	2536 Old Middlefield Way	B & L Auto Repair	Automotive (Vehicle Svce)
1205	1230 Pear Avenue Unit 3	Herlinger Corvette Repair	Automotive (Vehicle Svce)
1319	1240 Pear Avenue Unit N	BW's German Car	Automotive (Vehicle Svce)
1320	1240 Pear Avenue Unit Q	B & M Collision Repair	Automotive (Body Repair)
1335	130 Pioneer Way	King's Body Shop	Automotive (Body Repair)
1034	130 Pioneer Way	D & A Garage	Automotive (Vehicle Svce)
1069	15 Pioneer Way	H & J European Repair	Automotive (Vehicle Svce)
1030	81 Pioneer Way	Yarnell's Service Center, Inc.	Automotive (Vehicle Svce)
1038	83 Pioneer Way Unit A	Advanced Auto Repair Center, Inc.	Automotive (Body Repair)
1162	83 Pioneer Way Unit B	Sunnyvale Foreign Car Service, Inc.	Automotive (Vehicle Svce)
1318	85 Pioneer Way Unit A&B	Sunnyvale Foreign Car Service, Inc.	Automotive (Vehicle Svce)
1127	89 Pioneer Way Unit D	A-1 Auto Tech Inc.	Automotive (Vehicle Svce)

# CITY OF MOUNTAIN VIEW FIRE AND ENVIRONMENTAL PROTECTION DIVISION

## Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
721	110 Rengstorff Avenue North	Americana Shell #3	Automotive (Gas Station), Automotive (Car)
743	301 Rengstorff Avenue North	CMV - Fire Station #3	Automotive (Vehicle Svce), Government
1360	584 Rengstorff Avenue North	Mountain View Valero #7542	Automotive (Vehicle Svce), Automotive (Gas)
1370	250 San Antonio Road, Unit B	Parker Automotive	Automotive (Vehicle Svce)
1373	334 San Antonio Road	San Antonio Valero #7230	Automotive (Vehicle Svce), Automotive (Gas)
1225	455 San Antonio Road	Sears #6689/1238	Automotive (Vehicle Svce)
1375	462 San Antonio Road	Firestone Store #3670	Automotive (Vehicle Svce), Automotive (Auto)
722	924 San Rafael Avenue	El Camino Paving, Inc.	Automotive (Vehicle Svce),
740	2608 Shoreline Blvd. North	CMV - Shoreline Golf Links	Automotive (Vehicle Svce), Pesticide Facility
723	466 Shoreline Blvd. North	Moonlite Car Wash, Inc.	Automotive (Car Wash)
1390	790 Shoreline Blvd. North	Arco Smog Pros Store #06050	Automotive (Gas Station), Automotive (Vehicle)
724	807 Shoreline Blvd. North	Shoreline Shell	Automotive (Gas Station), Automotive (Car)
725	808 Shoreline Blvd. North	Bill Bailey Chevron #9-6377	Automotive (Gas Station), Automotive (Car)
741	251 Shoreline Blvd. South	CMV - Fire Station #1	Automotive (Vehicle Svce), Government
1407	555 Showers Drive	Howard Tire By Wheel Works	Automotive (Vehicle Svce)
734	190 Stierlin Road	Mountain View Foreign Car Inc.	Automotive (Vehicle Svce)
1279	1080 Terra Bella Avenue Unit A	Pedro's Auto Clinic	Automotive (Body Repair)
726	935 Terra Bella Avenue	Recology Mountain View	Automotive (Vehicle Svce)
1275	625 Tyrella Avenue	Bela's Autosports	Automotive (Vehicle Svce)
1436	365 Villa Street	Fortes Auto Body	Automotive (Body Repair)
744	229 Whisman Road North	CMV - Fire Station #4	Automotive (Vehicle Svce), Government

**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1551	231 Whisman Road North	CMV - Fleet Services Division	Corporation Yard, Automotive (Vehicle Svce),
728	231 Whisman Road North	CMV - Utilities Division	Automotive (Vehicle Svce), Corporation Yard
1447	310 Whisman Road North	Rotten Robbie-4	Automotive (Gas Station)
729	2513 Wyandotte Street	O'Grady Paving Inc.	Automotive (Vehicle Svce),
1361	2520 Wyandotte Street Unit G	Helming's Auto Repair	Automotive (Vehicle Svce)
1573	2560 Wyandotte Street Unit 2	Bay Area Performance Cycles, Inc.	Automotive (Vehicle Svce), Metal Fab.
1026	2599 Wyandotte Street Unit A	Custom Alignment	Automotive (Vehicle Svce)
1090	770 Yuba Drive	Corporate Auto Works	Automotive (Vehicle Svce)
1475	776 Yuba Drive	Dubay Tire Service Inc.	Automotive (Vehicle Svce)
1467	778 Yuba Drive	Autobahn Body & Paint	Automotive (Body Repair)
730	785 Yuba Drive	Valley Oil Co.	Automotive (Vehicle Svce)



## **Industrial Pretreatment Facilities**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge EPA Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Category</b>
556	1 Amphitheatre Parkway	Shoreline Amphitheatre	Non-EPA Non-SIU
585	2400 Bayshore Parkway Suite 100 & 200	MAP Pharmaceuticals, Inc.	Non-EPA Non-SIU
526	2644 Bayshore Parkway	Lasercard Corporation	Non-EPA SIU (toxics)
558	291 Bernardo Avenue North	Progenitor Cell Therapy, LLC	Non-EPA Non-SIU
513	297 Bernardo Avenue North	MedImmune	Non-EPA SIU (toxics)
563	319 Bernardo Avenue North	MedImmune	Non-EPA SIU (toxics)
524	1215 Charleston Road Bldg. 2	Siemens Ultrasound Division	Non-EPA SIU (toxics)
566	630 Clyde Court	Hitachi Chemical Diagnostics, Inc.	Non-EPA SIU (toxics)
564	475 Ellis Street	AOL, Inc.	Non-EPA Non-SIU
515	605 Fairchild Drive	Caliper LifeSciences	Metal Finishing/Metal
584	2425 Garcia Avenue	BN Immuno Therapeutics (BNIT)	Non-EPA SIU (toxics)
535	2400/2500 Grant Road	El Camino Hospital	Non-EPA SIU (> 25K)
1124	1010 Joaquin Road Bldg. M4	Google, Inc.	Non-EPA SIU (toxics)
549	1040 L'Avenida	Huntington Mechanical Labs, Inc.	Metal Finishing/Metal
581	800 Maude Avenue	Cooligy, Inc.	Non-EPA SIU (toxics)
583	850 Maude Avenue	ChemoCentryx	Non-EPA SIU (toxics)
592	325 Middlefield Road East	Oxonica Materials, Inc	Non-EPA Non-SIU
577	401 National Avenue	Adema Technologies, Inc.	Electrical & Elec.
504	630 National Avenue	TechniTron Inc.	Electroplating/Printed
514	1350 Pear Avenue Suite A	RD Chemical Co.	Non-EPA SIU (toxics)
574	365 Ravendale Drive	DePuy Spine	Non-EPA SIU (toxics)

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

**Wastewater Discharge EPA Category Types**

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Category</b>
1225	455 San Antonio Road	Sears #6689/1238	Non-EPA Non-SIU
593	1400 Shoreline Blvd. North Suite B3	Thin Silicon	Non-EPA Non-SIU
550	1599 Shoreline Blvd. North	CrystaComm Inc.	Electrical & Elec.
588	1616 Shoreline Blvd. North Suite A	SBI-System Biosciences, LLC	Non-EPA Non-SIU
546	3070 Shoreline Blvd. North	CMV - Mountain View Landfill	Non-EPA SIU (> 25K)
589	2091 Stierlin Court	Alexza Pharmaceuticals	Non-EPA SIU (toxics)
532	1274 Terra Bella Avenue	Teledyne Microwave	Metal Finishing/Metal
580	1290 Terra Bella Avenue	Clontech Laboratories, Inc.	Non-EPA SIU (toxics)

## **Machine Shops**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1204	2288 Charleston Road Bldg. 48	Space Systems/Loral	Machine Shop, Electronics Mfg.
852	433 Clyde Avenue	Minimatics, Inc./Rimnatics	Machine Shop
853	580 Clyde Avenue	Communications & Power Industries, Inc.	Machine Shop
1506	1904 Colony Street	Givmar, Inc.	Machine Shop
1345	1951 Colony Street Unit X&W	D.P. Precision	Machine Shop
1066	100 Kittyhawk Way	EKG Precision Machining	Machine Shop
1568	2541 Leghorn Street Suite 1	Quality Precision Swiss Machining	Machine Shop
1213	380 Logue Avenue	Harbur Grinding Co. Inc.	Machine Shop
1309	2415 Old Middlefield Way Unit C&D	Ellsworth Brothers Machine	Machine Shop, Automotive (Vehicle Svce)
1172	355 Pioneer Way	Lenz Technology, Inc.	Machine Shop
1584	264 Polaris Avenue	Torque-A-Matic Precision Machining	Machine Shop
1352	275 Polaris Avenue	Squaglia Mfg.	Machine Shop
1443	1074/1078 Wentworth Street Unit A&B	Haseltine Industrial Engravers Inc.	Machine Shop
1199	140 Whisman Road South Unit C	Zinola's Machine Shop	Machine Shop
1565	1033 Wright Avenue	C.K. Tool Company, Inc.	Machine Shop



## **Food Service Facilities**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Qcc</b>
5279	102 Castro Street	Hunan Chili	10F	A-2
5365	288 Castro Street	Temptations Restaurant	10F	A-2
5375	1036 Castro Street	Sushi Tei Restaurant	10F	A-2
5271	600 El Camino Real West	Amber Cafe	10F	A-2
5267	1350 Grant Road Unit 18	Erik's Deli Cafe	10F	A-2
5268	1350 Grant Road Suite 6 & 7	Sushi 85 Japanese Restaurant	10F	A-2
5274	1040 Rengstorff Avenue North Unit A1	Hanabi Japanese Restaurant	10F	A-2
5305	950 El Camino Real West	Taco Bell #3047	10F	A-2
5409	1020 Rengstorff Avenue North Unit E	Goldilocks Consolidated Corp. of	10F	A-2
5420	2960 Shoreline Blvd. North	Michael's Restaurant	10F	A-2
5239	1060 Rengstorff Avenue North	McDonalds Restaurant #16328	10F	A-2
5368	236 Castro Street Suite A,B	Chef Liu	10F	A-2
5374	360 Castro Street	Vacant (Formerly New China	10No	A-2
5195	1616 El Camino Real West	Vacant Restaurant Bldg	10No	A-2
5382	2290 El Camino Real West Unit 9	Amber India Restaurant	10F	A-2
2425	251 Castro Street	Zen Lounge	10F	A-2
5415	357 Castro Street Suite 1,2	Sakoon	10F	A-2

# CITY OF MOUNTAIN VIEW FIRE AND ENVIRONMENTAL PROTECTION DIVISION

Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
5196	1039 El Monte Avenue Unit A	Boston Market Corporation	10F	A-2
5293	1049 El Monte Avenue Unit E	Bagel Street Cafe	10F	A-2
5248	2026 El Camino Real West	Vacant Restaurant- (formerly Ron's	10No	A-2
5244	853 Villa Street	Pho To Chau	10F	A-2
5243	867 El Camino Real East	Peacock Indian Cuisine	10F	A-2
5338	800 California Street Suite 100	Shiva's Indian Restaurant	10F	A-2
5225	2000 El Camino Real West	SURA Restaurant	10F	A-2
5273	1724 Miramonte Avenue	Milan Pizza Restaurant	10F	A-2
2842	1077 Wright Avenue	I Kuan Tao (Chong Hwa Saint Tao	10F	A-2
5296	2540 El Camino Real West	Fresh Choice	10F	A-2
5333	2560 El Camino Real West	Chili's Grill & Bar	10F	A-2
2888	1313 El Camino Real West Unit A	Ugly's Bar	10F	A-2
5216	194 Castro Street	King of Krung Siam Thai Restaurant	10F	A-2
5285	1159 Rengstorff Avenue North	In-N-Out Burger #129	10F	A-2
5221	2650 El Camino Real West	Hong Kong Restaurant	10F	A-2
5289	2700 El Camino Real West Bldg. 4	New Saffron Club-N/S Indian Cuisine	10F	A-2
5264	2135 Old Middlefield Way	Francesca's / Uncle Frank's BBQ	10F	A-2

**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
5322	163-165 El Camino Real East	Chaat Indian Vegetarian Restaurant	10F	A-2
5369	157 El Camino Real East	Round Table Pizza	10F	A-2
5258	1477 Plymouth Street Suite E	Falafel & Kebab	10F	A-2
5284	1477 Plymouth Street Suite D	Vacant Restaurant (formerly Green	10No	A-2
5297	1431 Plymouth Street	The Sports Page	10F	A-2
5205	1400 Shoreline Blvd. North Suite C3	Togo's	10F	A-2
5224	2020 El Camino Real West Unit 7	Vive Sol	10F	A-2
5404	246 Castro Street	Pho Garden	10F	A-2
5242	825 El Camino Real East	El Chalateco	10F	A-2
5367	705 El Camino Real East	Satsuma Japanese Restaurant	10F	A-2
5209	177 El Camino Real East	Burger King #4913	10F	A-2
5213	1674 Shoreline Blvd. North Unit 110	The Country Deli	10F	A-2
5254	790 Castro Street	Amici's Restaurant	10F	A-2
5362	311 Moffett Blvd. Suite A	Shana Restaurant	10F	A-2
5381	216 Castro Street	Shezan Restaurant	10F	A-2
5223	2098 El Camino Real West	Country Gourmet	10F	A-2
5410	1991 El Camino Real West	Passage To India	10F	A-2

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
5383	357 Castro Street Suite 3	Sono Sushi	10F	A-2
5416	650 Castro Street Unit 160-170	Le Boulanger	10F	A-2
5376	223 Castro Street	St. Stephen's Green	10F	A-2
5414	209 Castro Street	Tsunami Sushi	10F	A-2
5276	304 Castro Street	New Mongolian BBQ	10F	A-2
5230	895 Villa Street	V Buffet	10F	A-2
3685	820 El Camino Real East Suite G&H	The Office Bar	10F	A-2
5210	53 El Camino Real West	In-N-Out Burger #152	10F	A-2
5217	635 Dana Street West	Sushi Tomi	10F	A-2
5354	743 Dana Street West	Cafe Yulong Chinese Cuisine	10F	A-2
5385	580 Rengstorff Avenue North Unit K	Tapatio's Grill	10F	A-2
3922	580 Rengstorff Avenue North Unit B	Starbucks Coffee #7933	10F	A-2
5426	110 Castro Street	Xanh Vietnamese Restaurant	10F	A-2
5336	108 Castro Street	Vaso Azzurro	10F	A-2
5252	124 Castro Street	Barracuda Sushi	10No	A-2
5288	2312 Central Expressway	Taber Food Services, Inc. dba	10F	A-2
5401	156 Castro Street	Bushido	10F	A-2

**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Fire Code Permit Types  
 As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
4073	142 Castro Street	S. V. Kosher dba The Kitchen Table	10F	A-2
5302	134 Castro Street	Hangen Szechuan Restaurant	10F	A-2
4075	126 Castro Street	Vacant Restaurant	10No	A-2
5270	191 Castro Street	Kapp's Pizza Bar & Grill	10F	A-2
3462	2534 Old Middlefield Way	Fred's Place	10F	A-2
5377	619 Escuela Avenue	Tony & Alba's Pizza	10F	A-2
5234	1911 El Camino Real West	Togo's	10F	A-2
5287	1005 Shoreline Blvd. North	Fiesta Del Mar	10F	A-2
5208	952 El Monte Avenue	McDonald's Restaurant #01528	10F	A-2
5260	286 El Camino Real West	Happi House Teriyaki	10F	A-2
5391	615 El Camino Real West	Clarke's Charcoal Broiler	10F	A-2
5262	240 Villa Street	La Fiesta Restaurant	10F	A-2
5212	520 Showers Drive	Luu Noodle House	10F	A-2
5272	210 Hope Street	The Spice Islands Cafe	10No	A-2
5211	235 Castro Street	Ristorante Don Giovanni	10F	A-2
5402	368 Castro Street	Maru Ichi Noodle House	10F	A-2
5265	485 Castro Street	Kirin Chinese Restaurant	10F	A-2

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
4601	475 Castro Street	Ginseng Korean Barbeque	10F	A-2
5364	174-176 Castro Street	Amarin Thai Cuisine	10F	A-2
5396	2483 Old Middlefield Way Unit A	Las Muchachas Restaurant	10F	A-2
4807	1032 Castro Street	Peet's Coffee & Tea	10F	A-2
5194	2633 California Street	China Wok Restaurant	10F	A-2
4868	2603 Charleston Road	KFC/Long John Silver	10F	A-2
5408	2116 El Camino Real West	Chevy's Fresh Mex Restaurant	10F	A-2
5247	2146 Leghorn Street	Krispy Kreme	10F	A-2
5238	2053 Landings Drive	Baysider Cafe	10F	A-2
5246	185 Castro Street	Thaiphoon Restaurant	10F	A-2
5280	209 Middlefield Road East	Carl's Jr.	10F	A-2
5157	205 Middlefield Road East Unit 1	Clocktower Coffee Roasting	10F	A-2
5340	186 Castro Street	Zucca Ristorante	10F	A-2
5220	975 Dana Street West	Yakko Japanese Cuisine	10F	A-2
5197	1407 El Camino Real West	El Paso Cafe	10F	A-2
5294	420-440 Castro Street	Scott's Cantankerous Fish	10F	A-2
5206	975 Shoreline Blvd. North	Taco Bell #16140	10F	A-2

**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
5207	510 Shoreline Blvd. North	Jack In The Box #3425	10F	A-2
5228	570 Shoreline Blvd. North Unit J	Momoya Sushi	10F	A-2
5218	570 Shoreline Blvd. North Unit I	Round Table Pizza	10F	A-2
5236	570 Shoreline Blvd. North Unit F	Chapala Mexican Restaurant	10F	A-2
5219	735 Villa Street	Fiesta Del Mar Too	10F	A-2
5227	665 San Antonio Road	Burger King #1946	10F	A-2
5424	401 Castro Street Suite 100	Vacant (fomerly U-Wink)	10No	A-2
5421	228 Castro Street	Monte Carlo Night Club & Los	10F	A-2
5380	590 Showers Drive Unit B	Krung Thai	10F	A-2
5863	400 Moffett Blvd. Unit H	Trend Restaurant	10F	A-2
5282	327 Moffett Blvd. Unit D	Taqueria 3 Hermanos	10F	A-2
5352	430 Moffett Blvd.	Los Portales Mexican Cuisine	10F	A-2
5906	750 Castro Street	Starbucks	10F	A-2
5253	241 Castro Street	Molly McGee's	10F	A-2
6065	701 Villa Street	Vacant (Formerly Gold Star Night	10No	A-2
5334	861 Leong Drive	Mario's Pizza & Italian Restaurant	10F	A-2
5277	400 Castro Street	Cascal	10F	A-2

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Fire Code Permit Types

As of 9/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Permit Type</b>	<b>Occ</b>
5300	400 San Antonio Road Unit 2	Masa's Sushi	10F	A-2
5283	1962 El Camino Real West	Sizzler	10F	A-2
6415	152 Castro Street	Taqueria La Bamba No. 2	10F	A-2
6419	736 Dana Street West	Alberto's Night Club	10F	A-2
5318	220 Castro Street	Pho Hoa	10F	A-2
5292	160 Castro Street	Pasta?	10F	A-2
5298	939 El Camino Real West	Frankie, Johnnie & Luigi Too!	10F	A-2
3886	89 El Camino Real West	Los Charros Restaurant	10F	A-2
5422	506 Showers Drive	Sushi 85 / Pearl Cafe	10F	A-2
2417	2400 Charleston Road	Chipotle Mexican Grill, Inc.	10F	A-2
2605	425 Whisman Road North Suite 800	Clocktower Coffee Roasting Co., LLC	10F	A-2
3024	153 Castro Street	Fu Lam Munn	10F	A-2
5378	240 Castro Street	Naminanni Restaurant	10F	A-2
3225	645 Ellis Street	Specialty's/Peet's	10F	A-2

**Total number of facilities with permit type 10F is 133.**

**Construction Yards, Lumber Yards, Corporation Yards, Nurseries, and Pesticide  
Facilities**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1461	1907 Colony Street	Poulsen Construction	Automotive (Vehicle Svce),
1518	2190 Crittenden Lane	A to Z / Tree Movers	Nursery
1055	130 Dana Street East	ACCO Management/Avery	Construction/Building
1129	455 Evelyn Avenue West	Minton's Lumber & Supply	Retail Sales, Construction/Building
1259	827 Independence Avenue	J.G. Torres Concrete Construction Co	Construction/Building
1501	1988 Leghorn Street Unit B/C	Shelton Roofing Co., Inc.	Construction/Building
1156	750 Moffett Blvd.	PG&E - Whisman Substation	Corporation Yard
1113	Moffett Blvd. North of Hwy 101 (end of Highway 101)	PG&E - Redjes Substation	Corporation Yard
1140	1240 Pear Avenue Unit R	Bullene Landscape Maintenance, Inc.	Construction/Building
731	1695 Rock Street	Mountain View-Whisman School District	Corporation Yard
722	924 San Rafael Avenue	El Camino Paving, Inc.	Automotive (Vehicle Svce),
740	2608 Shoreline Blvd. North	CMV - Shoreline Golf Links	Automotive (Vehicle Svce), Pesticide Facility
1136	2610 Shoreline Blvd. North Unit A	CMV - Shoreline Maintenance	Construction/Building
1257	1020 Terra Bella Avenue	Saviano Company, Inc.	Construction/Building
1165	975 Terra Bella Avenue	Waterproofing Associates	Construction/Building
1446	159 Whisman Road North	J & M Termite Control Inc.	Pesticide Facility
1552	231 Whisman Road North	CMV - Parks Division	Corporation Yard, Pesticide Facility
1551	231 Whisman Road North	CMV - Fleet Services Division	Corporation Yard, Automotive (Vehicle Svce),
728	231 Whisman Road North	CMV - Utilities Division	Automotive (Vehicle Svce), Corporation Yard
1550	231 Whisman Road North	CMV - Streets Division	Corporation Yard, Construction Building
1553	231 Whisman Road North	CMV - Facilities Division	Corporation Yard

**CITY OF MOUNTAIN VIEW  
FIRE AND ENVIRONMENTAL PROTECTION DIVISION**

Wastewater Discharge Local Category Types

As of 8/3/2010

<b>FacID</b>	<b>Facility Address</b>	<b>Facility Name</b>	<b>Local Categories</b>
1548	231 Whisman Road North Bldg. D	CMV - Purchasing Warehouse Division	Corporation Yard
729	2513 Wyandotte Street	O'Grady Paving Inc.	Automotive (Vehicle Svce).
1147	2520 Wyandotte Street Unit C	Frank Sousa Landscape Management Co	Construction/Building
1464	2550 Wyandotte Street Suite E	Pete Wismann Masonry, Inc.	Construction/Building
1161	690 Yuba Drive	PG&E - Mountain View Substation	Corporation Yard
1182	780 Yuba Drive	Bill Peet Heating & Air Conditioning, Inc	Construction/Building
1132	805 Yuba Drive	SummerWinds Nursery	Nursery

**Appendix 5-1**

**C.5.b.ii.(4) – IDDE Incident, Enforcement, and Source Summary**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Illicit Connection/Illegal Discharge Program  
 IC/ID Incident Type Report between 7/1/2009 and 6/30/2010  
 as of 8/5/2010

<b>Type of Incident</b>	<b>Potential Source of Incident</b>	<b>Total</b>
Abandoned drums discharge	Commercial	5
Abandoned drums discharge	Other/unknown	1
Abandoned drums discharge	Residential	2
Accidental spills	Other/unknown	1
Accidental spills	Public facilities and Utilities	1
Accidental spills	Residential	3
Allowable discharge	Residential	1
Complaint not found	Commercial	2
Complaint not found	Other/unknown	1
Dumping - hazardous	Public facilities and Utilities	1
Dumping - non-hazardous	Commercial	1
Dumping - non-hazardous	Residential	2
Dumpster discharge	Commercial	1
Dumpster discharge	Residential	1
Equipment cleaning	Commercial	2
Food Facility Oil & grease discharge	Commercial	2
Grey water discharge	Commercial	1
Grey water discharge	Residential	1
Landscape material dumping	Residential	1
Misc. incidents	Commercial	3
Misc. incidents	Residential	3
Paint discharge	Commercial	1
Paint discharge	Residential	1
Pools/Spas/Fountains discharge	Commercial	1
Pools/Spas/Fountains discharge	Residential	2
Sanitary spill or leak	Commercial	3
Sanitary spill or leak	Public facilities and Utilities	1
Sanitary spill or leak	Residential	7
Tracking soil	Residential	1
Un-hardened cement discharge	Residential	2
Used oil dumping	Residential	1
Vehicle & equipment leaking	Commercial	4
Vehicle & equipment leaking	Other/unknown	1



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
 Illicit Connection/Illegal Discharge Program  
 IC/ID Incident Type Report between 7/1/2009 and 6/30/2010  
 as of 8/5/2010

<b>Type of Incident</b>	<b>Potential Source of Incident</b>	<b>Total</b>
Vehicle & equipment leaking	Public facilities and Utilities	1
Vehicle & equipment leaking	Residential	11

**Total Number of IC/ID Incidents is 73**



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Illicit Connection/Illegal Discharge Program  
IC/ID Enforcement Action Report between 7/1/2009 and 6/30/2010  
as of 8/5/2010

<b>Follow-up and Enforcement Actions</b>	<b>Totals</b>
Administrative Action with Penalty &/or Fine	2
No Action	42
Verbal Notice	24
Warning Notice	5

**Total Fines Collected** \$750.00



**CITY OF MOUNTAIN VIEW**  
**FIRE AND ENVIRONMENTAL PROTECTION DIVISION**  
Illicit Connection/Illegal Discharge Program  
IC/ID Incident Source Report between 7/1/2009 and 6/30/2010  
as of 8/5/2010

<b>Sources of Incident Reports</b>	<b>Totals</b>
Citizen complaints	41
Drove by facility	1
Found during inspections at nearby businesses	1
Illicit discharge inspectors	1
Interdepartmental	27
Observed during an inspection of a neighboring business	1
Walk-by	1



**Appendix 9-1**

**C.9.a – City of Mountain View Integrated Pest Management Policy**

PURPOSE:

To develop and implement an Integrated Pest Management (IPM) Program designed to minimize pesticide use at City-maintained facilities, train appropriate employees regarding the City's IPM Program, enhance the existing method for tracking and reporting pesticide use at City facilities and inform the community about IPM strategies and techniques.

POLICY:

City of Mountain View employees and City contractors will perform pest management operations at City-maintained facilities in a manner that reduces or eliminates chemical pesticide use to the maximum extent feasible and practical. Chemical pesticides will only be used in the following situations: (1) the use of chemical pesticides is needed to prevent unacceptable health risks or economic loss; (2) the use of chemical pesticides is needed to prevent the development of unsafe conditions; or (3) where nonchemical IPM techniques have proven to be ineffective at controlling the target pest. In these cases, the City will employ a reduced-risk chemical pesticide strategy, which means lower toxicity pesticides will be used first followed by more potent pesticides, if needed. This Policy applies to pesticide use on property that is maintained by the City of Mountain View and the City's contractors.

INTEGRATED PEST MANAGEMENT:

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques, such as biological control, habitat manipulation, modification of cultural practices and use of resistant varieties. Pesticides are used after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, beneficial and nontarget organisms and the environment. (Source: University of California State-wide Integrated Pest Management Project)

Examples of the IPM techniques that will be used are:

- No controls (e.g., tolerating pest populations, use of pest-resistant plants or allowing plants to die naturally);
- Maintenance of healthy landscapes through proper fertilization, watering, pruning and aeration;
- Physical controls, such as hand or mechanical removal, traps and barriers;
- Biological controls, such as the use of predator species, parasites or grazing;
- Cultural controls, such as mulching and mowing;
- Less toxic controls, such as soaps and oils; and
- Monitoring pest populations, accurate identification and utilizing knowledge of pest life cycles.

OUTREACH AND EDUCATION:

Training and education are important components of the IPM Policy. City personnel who apply pesticides or supervise and provide advice about pesticide application will be trained periodically on recommended IPM strategies and techniques, as well as pollution prevention practices. City contractors will also be required to complete training regarding the concepts that are included in this Policy. Furthermore, the City will provide information to the public about its efforts to reduce pesticide use, as well as residential and commercial IPM practices.

PESTICIDE USE TRACKING:

Appropriate City departments will continue to track pesticide use for reporting purposes. City contractors will also be required to track pesticide use and report the data to the City regularly. City-wide pesticide use data will be reported annually to the

CITY COUNCIL POLICY

REVISED: \_\_\_\_\_

Effective Date: September 20, 2002

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SUBJECT: INTEGRATED PEST MANAGEMENT

NO: C-1

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Regional Water Quality Control Board, as required in the City's NPDES Storm Water Discharge Permit. The annual report, including the pesticide use data, will be a public record.

COMPLIANCE WITH FEDERAL OR STATE LAWS:

Nothing in this Policy is intended to apply to pesticide applications that are required to comply with Federal or State laws or regulations. Nothing in this Policy is intended to conflict with Federal or State laws or regulations governing the storage, use or disposal of pesticides.

IMPLEMENTATION OF THE INTEGRATED PEST MANAGEMENT PLAN:

To achieve the goals of the IPM Policy and to comply with the State-issued NPDES Storm Water Discharge Permit, the City will develop and implement an Integrated Pest Management Plan for use in all City-maintained areas. This plan will include Best Management Practices (BMPs), Standard Operating Procedures (SOPs) and an implementation strategy. The plan will provide a process for responding to pest problems at City-maintained facilities at the local level. Additionally, the plan will include mechanisms to discourage pesticide use at new development sites, as well as coordination with County-wide household hazardous waste collection efforts.

BAN ON USE OF TOXICITY CATEGORY I PESTICIDE PRODUCTS:

City of Mountain View employees and City contractors are prohibited from using chemical pesticides that are classified as Toxicity Category I by the United States Environmental Protection Agency. Exemptions to this ban may be granted in emergency cases where a pest outbreak poses an immediate threat to public health or significant economic loss will result if the banned pesticide is not applied. Exemptions will only be granted in situations where a Pest Control Advisor recommends the use of such a pesticide, and the Category I pesticide application is approved by the department head or designee.

LIMITED USE OF TOXICITY CATEGORY II PESTICIDE PRODUCTS:

City of Mountain View employees and City contractors will be limited in their use of chemical pesticides that are classified as Toxicity Category II by the United States Environmental Protection Agency. Category II pesticides will only be used in situations where a Pest Control Advisor recommends the use of these pesticides after Category III alternatives have been exhausted or where needed to prevent a pest outbreak that poses an immediate threat to public health or significant economic loss.

WATER QUALITY COMMITMENT:

With the adoption of this Policy, the City commits, where possible, to: (1) comply with the State-issued NPDES Storm Water Discharge Permit by eliminating use of pesticides that cause impairment of surface waters, including retention ponds; and (2) reduce use of organophosphate pesticides. Pesticides that are currently listed as causing impairment in local urban streams include diazinon, chlorpyrifos, chlordane, dieldrin and DDT. The City does not use these listed chemicals. Pesticides achieving this rating in the future will also be phased out. All chemical pesticide applications at City-maintained facilities will be implemented using BMPs for water quality protection.

PESTICIDE PURCHASING POLICY:

City of Mountain View employees are not permitted to obtain over-the-counter pesticide products for use on City property.

DEFINITIONS:

Whenever used in this Policy, the following terms shall have the meanings set forth below:

1. "Contractor" means a person, firm, corporation or other entity, including a governmental entity, that enters into a contract with the City to provide landscape maintenance or related activities.

2. "Integrated Pest Management" means a decision-making process for managing pests that uses monitoring to determine pest injury levels and combines biological, cultural, physical and chemical tools to minimize health, environmental and financial risks. The method uses knowledge of the target pests' life cycles, environmental requirements and natural enemies to facilitate natural control of the pests. This method incorporates natural methods of pest control, then proceeds to the least-toxic pesticides if the natural methods are not effective.
3. "NPDES Permit" is a regulatory document issued by the State of California to control the discharge of pollutants into waterways. NPDES is an acronym for National Pollutant Discharge Elimination System.
4. "Pest Control Advisor" means someone who is licensed by the California Department of Pesticide Regulations in accordance with California Code of Regulations, Title 3, Article 5. Only a licensed Pest Control Advisor who is registered with the County Agricultural Commissioner may provide written pest control recommendations for areas such as parks, golf courses and public right-of-ways.
5. "Pesticide" means pesticide as defined in Section 12753 of the California Food and Agricultural Code, including, but not limited to, herbicides, insecticides and fungicides.
6. "Toxicity Category I Pesticide" means any pesticide product that meets United States Environmental Protection Agency criteria for Toxicity Category I under Section 156.10 of Part 156 of Title 40 of the Code of Federal Regulations.
7. "Toxicity Category II Pesticide" means any pesticide product that meets United States Environmental Protection Agency criteria for Toxicity Category II under Section 156.10 of Part 156 of Title 40 of the Code of Federal Regulations.
8. "Toxicity Category III Pesticide" means any pesticide product that meets United States Environmental Protection Agency criteria for Toxicity Category III under Section 156.10 of Part 156 of Title 40 of the Code of Federal Regulations.

CNL POL-1  
C01-CP^

**Appendix 9-2**  
**C.9.b – Number of Different Pesticide Products Used**

Pesticide Category	Number of Different Pesticides Used										
	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	FY 09-10				
I	0	0	1	0	0	0	0	0			
II	8	6	5	7	5	5	3				
III	22	22	25	29	35	38	37				
None	0	0	0	1	1	2	2				
<b>Total</b>	<b>30</b>	<b>28</b>	<b>31</b>	<b>37</b>	<b>41</b>	<b>45</b>	<b>42</b>				

*NOTE: "None" indicates a pesticide used that is exempt from pesticide registration requirements*

Appendix 9-3  
C.9.b – Quantity of Pesticides Applied

Pesticide Category	Quantity of Pesticides Applied (pounds) and Percent Change Comparing FY 09-10 Results to Previous Year and 7-year Average										
	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	7-Year Average	FY 09-10	% Change to Previous Year	% Change to 7-Year Average
I	144	0	0	340	0	0	0	69	0	0	-100%
II	556	512	265	373	452	147	284	370	297	4%	-20%
III	1,777	2,155	3,310	5,420	3,287	3,658	3,946	3,365	3,738	-5%	11%
None	0	0	0	0	47	136	198	54	345	74%	540%
<b>Total 1*</b>	<b>2,477</b>	<b>2,667</b>	<b>3,575</b>	<b>6,133</b>	<b>3,786</b>	<b>3,941</b>	<b>4,427</b>	<b>3,858</b>	<b>4,381</b>	<b>-1%</b>	<b>13%</b>
<b>Total 2**</b>	<b>2,477</b>	<b>2,667</b>	<b>3,575</b>	<b>6,133</b>	<b>3,739</b>	<b>3,805</b>	<b>4,229</b>	<b>3,803</b>	<b>4,036</b>	<b>-4%</b>	<b>6%</b>

\*Total 1 includes use of non-regulated, exempt Clove Oil product.

\*\* Total 2 evaluates use not including non-regulated, exempt Clove Oil product.

**Appendix 9-4  
C.9.b – Quantity of Active Ingredients Applied**

Pesticide Category	Quantity of Active Ingredients Applied (Pounds) and Percent Change Comparing FY 09-10 Results to Previous Year and 7-year Average										
	FY 02-03	FY 03-04	FY 04-05	FY 05-06	FY 06-07	FY 07-08	FY 08-09	7-Year Average	FY 98-10	% Change to Previous Year	% Change to 7-Year Average
I	88	0	0	29	0	0	0	17	0	0	-100%
II	235	222	87	244	140	48	92	152	51	-44%	-66%
III	853	694	970	1,088	799	1,101	1,281	969	953	-2.5%	-2%
None	0	0	0	0	3	8	12	3	11	-8%	266%
<b>Total 1*</b>	<b>1,176</b>	<b>918</b>	<b>1,058</b>	<b>1,448</b>	<b>942</b>	<b>1,157</b>	<b>1,385</b>	<b>1,155</b>	<b>1,015</b>	<b>-27%</b>	<b>-12%</b>
<b>Total 2**</b>	<b>1,176</b>	<b>918</b>	<b>1,058</b>	<b>1,448</b>	<b>939</b>	<b>1,149</b>	<b>1,373</b>	<b>1,151</b>	<b>1,004</b>	<b>-27%</b>	<b>-13%</b>

\*Total 1 includes use of non-regulated, exempt Clove Oil product.

\*\* Total 2 evaluates use not including non-regulated, exempt Clove Oil product.

Note: Active ingredient applications for two products were discovered to have been over-reported since FY 03-04. The over-reporting of active ingredient occurred because the dilution factor was not taken into account. Amounts reflected in previous Annual Reports have been revised on this version of Table 3.

Appendix 9-5  
C.9.b – Pesticides of Concern, FY 09-10 Usage

Product Name	Target Pest	Active Ingredient	Total Applied (lb.)	Active Ingredient Amount (lb)	Water Quality Threat/Precautions
565 Plus	Fleas	Pyrethrin	2.4	0.006	Interior or applied around buildings
Delta Dust	Yellow Jackets	Deltamethrin	0.1	0.0004	Applied into yellow jacket hives.
Drion Dust	Yellow jackets	Pyrethrin	0.3	0.003	Applied into yellow jacket hives.
ExciteR	Fleas	Pyrethrin	0.125	0.0075	Interior or applied around buildings
Maxforce	Ants	Fipronil	0.13	0.001	Bait station
Precor	Fleas	Methoprene	0.1	0.001	Interior or applied around buildings
Tempo	Spiders	Beta-cyfluthrin	125	0.24	Dilute solution.
Tengard	Fleas	Permethrin	83	0.5	Dilute solution.
Termidor	Ant/termite	Fipronil	0.2	0.02	Applied around the base of buildings
Wasp Feeze	Yellow Jackets	D-trans allethrin	2.2	0.003	Applied into hives

**Appendix 15-1**

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

City of Mountain View  
Discharge Monitoring  
For  
Water Distribution System  
4/1/10 thru 7/22/10

DATE 6/4/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 1 SHEET 1

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 8								
2		910	WEST DANA	FLOW HYDRANT A	5 MINS	18	5	3350	0	7	4	
3		918	WEST DANA	FLOW HYDRANT B	5 MINS	24	5	4100	0	6	1.65	
4			DEL CHARO	FLOW HYDRANT C	10 MINS	24	12	9840	0	7	12	
5		921	PIONEER	FLOW HYDRANT D	18 MINS	14	18	11340	0	6	6.06	
6		936	PIONEER	FLOW HYDRANT E	4 MINS	22	5	3950	0	7	7.48	
7		951	PIONEER	FLOW HYDRANT F	4 MINS	12	4	2320	0	7	7.73	
8		959	EAST DANA	FLOW HYDRANT G	7 MINS	22	7	5530	0	7	3.92	
9		1001	EAST DANA	FLOW HYDRANT H	6 MINS	10	6	3180	0	6	4.44	
10		1011	EAST DANA	FLOW HYDRANT J	6 MINS	18	6	4260	0	7	1.79	
11		1014	PIONEER	FLOW HYDRANT K	4 MINS	12	4	2320	0	6	11	
12		1023	PIONEER	FLOW HYDRANT L	5 MINS	20	5	3750	0	7	7.19	
13		1025	KITTYHAWK	FLOW HYDRANT M	10 MINS	18	10	7100	0	6	6.28	
14		1033	KITTYHAWK	FLOW HYDRANT N	4 MINS	20	4	3000	0	7	6.99	
15		1041	VARIOUS	OPEN VALVES 1, 2, AND 4								
16			VARIOUS	CLOSE VALVES 5, AND 6								
17		1102	WHISMAN	FLOW HYDRANT O	4 MINS	20	5	370	0	6	3.04	
18		1110	WHISMAN	FLOW HYDRANT P	3 MINS	16	3	2010	0	6	11.8	
19		1112	WHISMAN	FLOW HYDRANT Q	4 MINS	16	4	2680	0	6	7.23	
20		1119	E. DANA	FLOW HYDRANT R	6 MINS	20	6	4500	0	6	14.5	
21		1124	MOORPARK	FLOW HYDRANT S	8 MINS	12	9	5220	0	7	15.5	
22				TOTAL FLUSHED				82400				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1136	MOORPARK	FLOW HYDRANT T	6 MINS	18	6	4260	0	6	23.6	
2		1140	MARGO	FLOW HYDRANT U	2 MINS	18	4	2840	0	7	12.1	
3		1146	MARGO	FLOW HYDRANT V	2 MINS	34	3	2940	0	6	9.36	
4		1148	ALICE	FLOW HYDRANT W	4 MINS	16	4	2680	0	7	4.91	
5		1155	ALICE	FLOW HYDRANT X	5 MINS	16	5	3350	0	6	7.65	
6		1158	ALICE	FLOW HYDRANT XX	5 MINS	8	5	2400	0	7	2.58	
7			VARIOUS	OPEN VALVES 3, 6, AND 5								
8			SYLVAN	CLOSE VALVE #7								
9		136	MOORPARK	FLOW HYDRANT Z		18	5	3550	0	6	7.67	
10		140	MOORPARK	FLOW HYDRANT AA	16 MINS	20	16	12000	0	7	1.77	
11		200	MOORPARK	FLOW HYDRANT BB	20 MINS	22	20	158000	0	6	5.41	
12		217	EVELYN	FLOW HYDRANT CC	20 MINS	20	20	15000	0	7	1.76	
13		240	EVELYN	FLOW HYDRANT DD	10 MINS	14	10	6300	0	6	3.68	
14		247	EVELYN	FLOW HYDRANT EE	7 MINS	20	7	5250	0	7	1.84	
15		257	BERNARDO	FLOW HYDRANT FF	4 MINS	18	5	3550	0	6	18.7	
16			SYLVAN	OPEN VALVE 7 AND 8								
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED	79920			

DATE 6/17/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 2SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, 6, 7, 8 AND 9								
2		859	SYLVAN	FLOW HYDRANT A	8 MINS	12	8	4640	0	6.5	2.05	
3		911	SYLVAN	FLOW HYDRANT B	7 MINS	10	7	3710	0	7	6.12	
4		915	SYLVAN	FLOW HYDRANT C	8 MINS	20	8	6000	1	6.5	3.76	
5		926	FOXBOROUGH DR.	FLOW HYDRANT D	9 MINS	10	9	4770	0	7	11.9	
6		931	FOXBOROUGH DR.	FLOW HYDRANT E	7 MINS	18	7	4970	1.5	6.5	14.9	
7		941	HEDGEROW CT.	FLOW HYDRANT F	7 MINS	8	7	3360	0	7	19.8	
8		947	FOXBOROUGH DR.	FLOW HYDRANT G	3 MINS	16	4	2680	1	6.5	13.8	
9		954	GLENBOROUGH DR.	FLOW HYDRANT H	3 MINS	8	4	1920	0	7	4.6	
10		956	GLENBOROUGH DR.	FLOW HYDRANT J	3 MINS	20	4	3000	1	6.5	18.1	
11				OPEN VALVE 1 AND 4								
12		1009	GLENBOROUGH DR.	FLOW HYDRANT K	3 MINS	10	5	2650	0	7	22	
13		1011	SULLIVAN DR.	FLOW HYDRANT L	7 MINS	16	10	6700	1	6.5	18.9	
14		1024	SULLIVAN DR.	FLOW HYDRANT M	4 MINS	8	7	3360	0	7	18.3	
15		1028	EAST DANA ST.	FLOW HYDRANT N	3 MINS	22	10	7900	1	6.5	17.5	
16		1040	SEVELY DR.	FLOW HYDRANT O	4 MINS	8	4	1920	0	7	6.94	
17		1042	SEVELY DR.	FLOW HYDRANT P	3 MINS	20	4	3000	1	6.5	4.67	
18		1049	SYLVAN AVE.	FLOW HYDRANT Q	3 MINS	8	6	2280	0	7	3.29	
19		1052	FOXBOROUGH	FLOW HYDRANT R	4 MINS	26	5	4300	0	6.5	4.67	
20				OPEN VALVE 5								
21		1107	E. DANA	FLOW HYDRANT S	3 MINS							
22												
								TOTAL FLUSHED	77300			

DATE \_\_\_\_\_

**CMV  
FLUSHING PROGRAM**

OPERATOR \_\_\_\_\_

**ZONE 2  
AREA 2 SHEET 2**

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1114	E. DANA	FLOW HYDRANT T	3 MINS	20	5	3750	2	6.5	3.88	
2		1123	TAHOE	FLOW HYDRANT U	3 MINS	8	4	1920	0	7	12	
3		1124	SEVELY	FLOW HYDRANT V	3 MINS	24	5	4100	1	6.5	3.69	
4		1133	SEVELY	FLOW HYDRANT W	4 MINS	10	4	2120	0	7	12.8	
5		1134	TAMI	FLOW HYDRANT X	4 MINS	10	5	2650	1	6.5	4.68	
6		1142	TAMI	FLOW HYDRANT Y	3 MINS	8	4	1920	0	7	11.5	
7		1144	TAMI	FLOW HYDRANT Z	3 MINS	10	4	2120	0	6.5	5.22	
8		1151	TIANA	FLOW HYDRANT AA	3 MINS	8	5	2400	0	7	24.3	
9			DEVOTO ST / MUIR DR.	OPEN VALVE 6								
10		1246	MUIR DR.	FLOW HYDRANT DD	3 MINS	10	6	3180	0	6.5	25.7	
11		1254	MUIR DR.	FLOW HYDRANT EE	3 MINS	8	4	1970	0	7	9.72	
12		1256	BORELLO WAY	FLOW HYDRANT BB	3 MINS	10	5	2650	0	6.5	5.21	
13		104	BORELLO WAY	FLOW HYDRANT CC	3 MINS	14	4	2520	0	7	10.2	
14		105	SYLVAN	FLOW HYDRANT FF	5 MINS	28	5	4450	0	6.5	4.32	
15		113	RAINBOW DR.	FLOW HYDRANT GG	3 MINS	8	4	1920	0	7	12.1	
16		115	LUCE CT.	FLOW HYDRANT HH	3 MINS	12	3	1740	0	6.5	5.04	
17		122	RAINBOW DR.	FLOW HYDRANT JJ	3 MINS	8	4	1920	0	7	2.94	
18		123	RAINBOW DR.	FLOW HYDRANT KK	3 MINS	18	3	2130	0	6.5	2.83	
19		129	BOURBON CT.	FLOW HYDRANT LL	3 MINS	8	4	1920	0	7	25.7	
20		130	SYLVAN	FLOW HYDRANT MM	3 MINS	20	6	4500	1	6.5	7.18	
21		140	ECR	FLOW HYDRANT PP (STAY ON HYDRANT)	7 MINS	24	7	5740	0	7	14.3	
22												
<b>TOTAL FLUSHED</b>								<b>55570</b>				

DATE \_\_\_\_\_

CMV

FLUSHING PROGRAM

OPERATOR \_\_\_\_\_

ZONE 2  
AREA 2 SHEET 3

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			ECR	FLOW HYDRANT PP	5 MINS							
2		144	ECR	FLOW HYDRANT QQ	5 MINS	36	5	5050	0	6.5	7.16	
3		154	ECR	FLOW HYDRANT OO (STAY ON HYDRANT)	7 MINS	10	7	3710	0	7	11.2	
4			ECR	OPEN VALVE 9								
5		211	RAINBOW DR.	CLOSE VALVE 10	5 MINS	10	5	2650	0	7	9.9	
6				OPEN VALVES 2, 3, 5, 7, 8, 9, 10								
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED				11410

DATE 6/8/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 3 SHEET 1

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, 6, AND 7								
2		903	ECR	FLOW HYDRANT A	45 MINS	26	32	27520	0	6	3.9	
3			ECR	FLOW HYDRANT B	9 MINS	36	9	9090	0.5	5	2.91	
4		943	ECR	FLOW HYDRANT C	9 MINS	26	9	7740	0.5	6	4.92	
5			DALE	FLOW HYDRANT D	6 MINS	36	6	6060	0.5	5	1.61	
6		959	DALE	FLOW HYDRANT E	6 MINS	24	6	4920	0	6	2.05	
7			DALE	FLOW HYDRANT F	9 MINS	30	9	8280	0.5	5	1.68	
8		1013	DALE	FLOW HYDRANT G	6 MINS	24	6	4920	0	6	2.58	
9			DALE	FLOW HYDRANT H	7 MINS	32	7	6650	0.5	5	2.01	
10		1027	DALE	FLOW HYDRANT J	3 MINS	22	9	7110	0	6	3.26	
11			DALE	FLOW HYDRANT K	3 MINS	30	12	11040	0.5	5	5.29	
12		1049	DALE	FLOW HYDRANT L	3 MINS	22	10	7900	0	6	3.26	
13			HEATHERSTONE	FLOW HYDRANT M	3 MINS	26	13	11180	0.5	5	3.51	
14		1113	HEATHERSTONE	FLOW HYDRANT N	3 MINS	20	10	7500	0	6	3.36	
15			HEATHERSTONE	FLOW HYDRANT O	3 MINS	30	5	9200	5	5	4.26	
16		1134	VILLAGE	FLOW HYDRANT P	6 MINS	20	6	4500	0	6	3.36	
17			THE AMERICANA	FLOW HYDRANT P1	7 MINS	30	5	4600	0.5	5	5.75	
18		1147	CONTINENTAL CIR.	FLOW HYDRANT Q	9 MINS	26	9	7740	0	6	5.01	
19			CONTINENTAL CIR.	FLOW HYDRANT R	4 MINS	30	5	4600	0.5	5	2.2	
20			CONTINENTAL CIR.	OPEN VALVE 6								
21		1207	CONTINENTAL CIR.	FLOW HYDRANT S	7 MINS	26	7	6020	0	6	1.11	
22												
								TOTAL FLUSHED	156570			

**CMV  
FLUSHING PROGRAM**

DATE \_\_\_\_\_

**ZONE 2  
AREA 3 SHEET 2**

**OPERATOR**

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			CONTINENTAL CIR.	FLOW HYDRANT T	7 MINS	34	7	6860	0.5	5	2.36	
2		1223	CONTINENTAL CIR.	FLOW HYDRANT U	9 MINS	26	9	7740	0	6	1.9	
3			CONTINENTAL CIR.	FLOW HYDRANT V	7 MINS	26	7	6020	0.5	5	1.67	
4		1240	CONTINENTAL CIR.	FLOW HYDRANT W	7 MINS	24	7	5740	0	6	2.61	
5			CONTINENTAL CIR.	FLOW HYDRANT X	7 MINS	32	7	6650	0.5	5	4.44	
6		1255	CONTINENTAL CIR.	FLOW HYDRANT Y (STAY ON HYDRANT)	7 MINS	22	8	6320	0.5	6	2.61	
7			CONTINENTAL CIR.	OPEN VALVE 7								
8			CONTINENTAL CIR.	CLOSE VALVE 8								
9		115	CONTINENTAL CIR.	FLOW HYDRANT Y	7 MINS	20	8	6000	0	6	4.54	
10			CONTINENTAL CIR.	OPEN VALVE 8								
11		130	ECR	FLOW HYDRANT Z	3 MINS	22	5	3950	0	6	3.14	
12			ECR	FLOW HYDRANT AA	3 MINS	28	6	5340	0.5	5	6.17	
13		143	ECR	FLOW HYDRANT BB	4 MINS	22	5	3950	0	6	4.15	
14			CRESTVIEW	FLOW HYDRANT CC	3 MINS	32	6	5700	0.5	5	2.2	
15		156	CRESTVIEW	FLOW HYDRANT DD	3 MINS	14	3	1890	0	6	4.98	
16			CRESTVIEW	FLOW HYDRANT EE	3 MINS	28	5	4450	0.5	5	4.89	
17		208	GREENVIEW	FLOW HYDRANT FF	4 MINS	20	4	3000	0	6	6.31	
18			WILLIAMS	FLOW HYDRANT GG	4 MINS	24	5	4100	0.5	5	4.26	
19		218	GOLF CT	FLOW HYDRANT HH (STAY ON HYDRANT)	6 MINS	14	8	5040	0	6	3.64	
20			VARIOUS	OPEN VALVES 4, AND 5								
21			VARIOUS	CLOSE VALVES 9, AND 10								
22												
								<b>TOTAL FLUSHED</b>				
								82750				

**CMV  
FLUSHING PROGRAM**

DATE \_\_\_\_\_

ZONE 2  
AREA 3 SHEET 3

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		238	WILLIAMS	FLOW HYDRANT HH	4 MINS	28	4	3560	0	6	4.03	
2			GREENVIEW	FLOW HYDRANT FF	7 MINS	32	6	5700	0.5	5	2.14	
3			VARIOUS	OPEN VALVES 9, AND 10								
4			CUERNAVACO	CLOSE VALVE 11								
5			CRISTOBAL	FLOW HYDRANT JJ	4 MINS	26	7	6020	0.5	5	3.18	
6		305	CRISTOBAL	FLOW HYDRANT KK	4 MINS	18	5	3650	0	6	2.65	
7			CUERNAVACO	FLOW HYDRANT JJJ	3 MINS	20	7	5250	0.5	5	1.51	
8		332	CUERNAVACO	FLOW HYDRANT LL	4 MINS	20	6	4500	0	6	1.71	
9			ELENA	FLOW HYDRANT MM	6 MINS	24	9	7380	0.5	5	2.92	
10			CUERNAVACO	FLOW HYDRANT NN	2 MINS	12	5	2900	0	6	3.69	
11			CUERNAVACO	FLOW HYDRANT OO	6 MINS	24	9	7380	0.5	5	3.32	
12			GREENVIEW	OPEN VALVE 3								
13			CUERNAVACO	FLOW HYDRANT PP	5 MINS	24	8	6560	0.5	5	4	
14		400	CARLOS	FLOW HYDRANT QQ	5 MINS	20	8	6000	0	6	2	
15			CUERNAVACO	OPEN VALVE 11								
16			RUNNINGWOOD	CLOSE VALVE 12								
17			RUNNINGWOOD	FLOW HYDRANT RR	4 MINS	26	7	6020	0.5	5	1.96	
18		422	RUNNINGWOOD	FLOW HYDRANT SS	4 MINS	22	6	4740	0	6	2.11	
19			RUNNINGWOOD	FLOW HYDRANT TT	4 MINS	24	9	7380	0.5	5	1.6	
20		437	RUNNINGWOOD	FLOW HYDRANT UU	4 MINS	16	6	4020	0	6	2.77	
21			VARIOUS	OPEN VALVES 1, 2, 12.								
22												
								TOTAL FLUSHED				
								80960				

DATE 6/2/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 5 SHEET 1

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4								
2		800	MERCY	FLOW HYDRANT A	2 MINS	26	4	3440	2	6	5.9	
3		805	MERCY	FLOW HYDRANT B	3 MINS	34	9	8820	0.5	6	6.88	
4		817	MERCY	FLOW HYDRANT C	3 MINS	22	3	2370	2	6	5.9	
5		820	MERCY	FLOW HYDRANT D	4 MINS	20	6	4500	1	6	3.62	
6		827	MERCY	FLOW HYDRANT E	2 MINS	18	2	1420	0.5	6	5	
7		834	MCCARTHY	FLOW HYDRANT F	4 MINS	22	5	3950	0.5	6	2.01	
8		840	MCCARTHY	FLOW HYDRANT G	4 MINS	10	4	2120	2	6	2.52	
9		844	DALMA	FLOW HYDRANT H	3 MINS	7	5	2200	0.5	6	2.71	
10		840	DALMA	FLOW HYDRANT J	2 MINS	10	4	2120	2	6	4.9	
11		844	DALMA	FLOW HYDRANT K	1 MIN	5	7	2660	1	6	1.83	
12		905	DALMA	FLOW HYDRANT L	2 MINS	10	4	2120	2	6	6.1	
13		910	DALMA	FLOW HYDRANT M (STAY ON HYDRANT)	2 MINS	5	8	3040	1	6	1.91	
14			DALMA	OPEN VALVE 4								
15			DALMA	CLOSE VALVE 5								
16		921	DALMA	FLOW HYDRANT M	4 MINS	8	8	3840	0.5	6	2.47	
17		930	ELDORA	FLOW HYDRANT N	3 MINS	30	4	3680	2	6	4.72	
18		936	ELDORA	FLOW HYDRANT O	4 MINS	30	5	4600	0	6	3.52	
19		940	ELDORA	FLOW HYDRANT P	6 MINS	28	6	5340	2	6	8.86	
20			FRANCES	OPEN VALVE 1								
21			MERCY	CLOSE VALVE 6								
22												
								TOTAL FLUSHED	56220			

DATE \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 5 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		955	MERCY	FLOW HYDRANT C	2 MINS	10	2	1060	2	6	3.95	
2			MERCY	OPEN VALVE 6								
3		1000	PAUL	FLOW HYDRANT Q	4 MINS	16	4	2680	2	6	5.48	
4		1005	PAUL	FLOW HYDRANT R (STAY ON HYDRANT)	4 MINS	30	11	10120	0.5	6	3.64	
5			PAUL	OPEN VALVE 3								
6			PAUL	CLOSE VALVE 7								
7		1034	PAUL	FLOW HYDRANT R	5 MINS	18	10	7100	0.5	6	3.37	
8			VARIOUS	OPEN VALVES 2, 5, 7								
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
<b>TOTAL FLUSHED</b>								20960				

DATE 6/9/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 6 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4 5, 6, AND 7								
2		834	CHURCH	FLOW HYDRANT A	13 MINS	14	13	8190	0	6.5	1	
3		848	CHURCH	FLOW HYDRANT B	7 MINS	14	8	5040	0	6	2.99	
4		855	CHURCH	FLOW HYDRANT C	7 MINS	16	7	4690	0	6.5	2	
5		903	CHURCH	FLOW HYDRANT D	7 MINS	22	7	5530	0	6	2.16	
6		909	CHURCH	FLOW HYDRANT E	7 MINS	22	7	5530	0	6.5	3	
7		915	EL RANCHITO	FLOW HYDRANT F	3 MINS	12	5	2900	0	6	2.81	
8		932	CENTRE	FLOW HYDRANT G	3 MINS	20	4	3000	0	6.5	14	
9		948	CENTRE	FLOW HYDRANT H	3 MINS	10	5	2650	0	6	2.09	
10		942	BAY	FLOW HYDRANT J	4 MINS	34	4	3920	0	6.5	13	
11		948	CALDERON	FLOW HYDRANT K	6 MINS	16	6	4020	0	6	2.27	
12		954	CALDERON	FLOW HYDRANT L	3 MINS	14	6	3780	0	6.5	14	
13		1000	CALDERON	FLOW HYDRANT M	4 MINS	18	4	2840	0	6	2.87	
14		1006	CENTRE	FLOW HYDRANT N	3 MINS	34	7	6860	0	6.5	18	
15		1015	CENTRE	FLOW HYDRANT O	2 MINS	22	4	3160	0	6	3.1	
16		1019	CENTRE	FLOW HYDRANT P	3 MINS	22	10	7900	0	6.5	2.93	
17		1030	CENTRE	FLOW HYDRANT Q	3 MINS	22	4	3160	0	6	3.1	
18		1037	MONTGOMERY	FLOW HYDRANT R	2 MINS	12	7	4080	0	6.5	5	
19		1044	ECR	FLOW HYDRANT S	8 MINS	10	8	8480	0	6	4.65	
20		1052	ECR	FLOW HYDRANT T	3 MINS	44	10	11100	0	6.5	6	
21		1102	ECR	FLOW HYDRANT U	5 MINS	40	5	5300	0	6	12.4	
22												
								TOTAL FLUSHED	101200			

DATE \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 6 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			BAY	OPEN VALVE 4								
2			BAY	CLOSE VALVE 9								
3		1115	BAY	FLOW HYDRANT J	2 MINS	38	4	4160	0	6	7.13	
4			MONTGOMERY	OPEN VALVE 7								
5			CEDARBROOK	CLOSE VALVE 8								
6		1125	MONTGOMERY	FLOW HYDRANT R	3 MINS	16	4	2680	0	6	6.45	
7			MONTGOMERY	OPEN VALVE 6								
8			MONTGOMERY	CLOSE VALVE 7								
9		1134	MONTGOMERY	FLOW HYDRANT R	3 MINS	16	4	2680	0	6	4.29	
10			VARIOUS	OPEN VALVES 1, 2, 3, 5 7, 8, AND 9								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED	9520			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

5/22/10

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, 6, 7								
2		800	EVELYN	FLOW HYDRANT A	9 MINS	12	10	5800	1	6	0.88	
3		809	EVELYN	FLOW HYDRANT B	11 MINS	42	11	11990	0	6	1.06	
4		821	EVELYN	FLOW HYDRANT C	7 MINS	10	8	4240	0	6	2.04	
5		828	EVELYN	FLOW HYDRANT D	7 MINS	36	7	7070	0	6	0.71	
6		836	EVELYN	FLOW HYDRANT E	9 MINS	14	9	5670	0	6	1.4	
7		844	CALDERON	FLOW HYDRANT F	7 MINS	38	7	7280	0	6	4.47	
8		852	CALDERON	FLOW HYDRANT G	3 MINS	12	7	4060	0	6	4.46	
9		857	VIEW	FLOW HYDRANT H	3 MINS	44	6	6660	0	6	8.18	
10		905	BUSH	FLOW HYDRANT J	3 MINS	10	20	10600	1	6	83.4	
11		925	MINTON LANE	FLOW HYDRANT K	2 MINS	40	6	6360	2	6	0.91	
12		933	FRONT LANE	FLOW HYDRANT L	2 MINS	10	4	2120	0	6	21.3	
13			VARIOUS	OPEN VALVES 2, AND 3								
14			VARIOUS	CLOSE VALVES 8, AND 9								
15		942	FRONT LANE	FLOW HYDRANT L (STAY ON HYDRANT)	2 MINS	10	16	8480	1	6	29.2	
16		957	MINTON LANE	FLOW HYDRANT K	2 MINS	20	9	6750	0.5	6	8.7	
17			VARIOUS	OPEN VALVES 8, 9, 1								
18			VARIOUS	CLOSE VALVES 10, 11, 12, 13, 14, 15, 16, 17.								
19		1040	VIEW	FLOW HYDRANT M	11 MINS	10	13	6890	0	6	11.2	
20		1052	BUSH	FLOW HYDRANT N	2 MINS	34	5	4900	0.5	6	2.15	
21		1100	VILLA	FLOW HYDRANT O	7 MINS	14	8	5040	1	6	11.8	
								TOTAL FLUSHED	103910			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ZONE 2  
AREA 7A SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1107	VILLA	FLOW HYDRANT P STAY ON HYDRANT OPEN VALVE 6	4 MINS	38	9	9360	0.5	6	7.75	
2			VILLA									
3			VILLA	CLOSE VALVE 19								
4		1121	VILLA	FLOW HYDRANT P	4 MINS	36	9	9090	0.5	5	3.56	
5			VILLA	OPEN VALVE 19								
6		1136	DANA	FLOW HYDRANT Q	12 MINS	10	12	6360	0	6	17.5	
7		1148	DANA	FLOW HYDRANT R	6 MINS	30	8	7360	0.5	5	1.76	
8		1158	HOUGHTON	FLOW HYDRANT S	3 MINS	10	4	2120	1	6	26.4	
9			HOUGHTON	OPEN VALVE 13								
10			HOUGHTON	CLOSE VALVE 18								
11		1205	HOUGHTON	FLOW HYDRANT S	3 MINS	10	5	2650	0.5	6	31.4	
12			HOUGHTON	OPEN VALVE 18								
13		1214	LORETO	FLOW HYDRANT T	4 MINS	10	5	2650	0.5	6	12.6	
14		1219	LORETO	FLOW HYDRANT U	3 MINS	12	7	4060	0.5	5	5.72	
15		1227	LORETO	FLOW HYDRANT V	4 MINS	10	11	5830	1	6	8.79	
16		1237	LORETO	FLOW HYDRANT W	4 MINS	14	10	6300	0.5	5	6.78	
17			VARIOUS	OPEN VALVES 4, 5, 7, 10 11, 12, 14, 15, 16, 17								
18												
19												
20												
21												
								TOTAL FLUSHED				55780

DATE 5/27/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 7B SHEET 1

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVE 5,7,14,15,16 17,20,21,22,23,24, 25, 26								
2		750	VIEW	FLOW HYDRANT X	30 MINS	12	30	17400	0	6.5	0.61	
3		818	VIEW	FLOW HYDRANT Y	13 MINS	24	15	12300	0	6.5	1.05	
4		837	CALIFORNIA	FLOW HYDRANT Z	3 MINS	12	3	6960	0	6.5	0.83	
5			VARIOUS	OPEN VALVES 14, 20, 22 24, AND 26								
6			VARIOUS	CLOSE VALVES 27, 28, 29 30, 31, 32, 33								
7		905	VELARDE	FLOW HYDRANT AA	3 MINS	24	9	7380	0.5	6.5	9.97	
8		915	VELARDE	FLOW HYDRANT BB	3 MINS	16	10	6700	0	6.5	13.1	
9		920	VELARDE	FLOW HYDRANT CC	4 MINS	10	6	4500	1	6.5	9.94	
10		928	ANZA	FLOW HYDRANT DD (STAY ON HYDRANT)	3 MINS	12	5	2900	0	7	10.5	
11			ANZA	OPEN VALVE 15								
12			VELARDE	CLOSE VALVE 34								
13		937	ANZA	FLOW HYDRANT DD	4 MINS	10	5	2840	0	6.5	7.62	
14			VELARDE	OPEN VALVE 34								
15		945	VINCENT	FLOW HYDRANT EE	3 MINS	18	4	2840	0	6.5	12.2	
16		947	VINCENT	FLOW HYDRANT FF	3 MINS	14	6	3780	1	6.5	9.99	
17		955	VINCENT	FLOW HYDRANT GG	5 MINS	12	6	3480	0	7.5	26.1	
18		1000	MERCY	FLOW HYDRANT HH	6 MINS	14	6	3780	1	6.5	6.32	
19		1009	BUSH	FLOW HYDRANT JJ	6 MINS	10	6	3180	0	6.5	10.2	
20		1013	BUSH	FLOW HYDRANT KK	8 MINS	10	8	4240	1	6.5	8.8	
21		1023	PAUL	FLOW HYDRANT LL	8 MINS	10	8	4240	0	7	5.58	
								TOTAL FLUSHED	86330			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ZONE 2  
AREA 7B SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			ANZA	FLOW HYDRANT MM	5 MINS	16	5	3350	1	6.5	6.72	
2		1030	VARIOUS	OPEN VALVES 7, AND 33								
3			VARIOUS	CLOSE VALVES 35, 36, 37 38, 39, 40, 41, 42								
4		1123	CALDERON	FLOW HYDRANT NN	8 MINS	36	8	8080	0	6.5	6.37	
5		1133	CALDERON	FLOW HYDRANT OO	5 MINS	18	5	3550	0	7	8.79	
6		1137	CALDERON	FLOW HYDRANT PP	2 MINS	16	4	2680	0.5	6.5	6.37	
7			VINCENT	OPEN VALVE 29								
8			VELARDE	CLOSE VALVE 43								
9		1148	VELARDE	FLOW HYDRANT CC	4 MINS	15	5	3250	0	6.5	8.33	
10			VELARDE	OPEN VALVE 43								
11		1233	PAUL	FLOW HYDRANT QQ	12 MINS	16	12	8040	1	6.5	3.55	
12		1246	PAUL	FLOW HYDRANT RR	2 MINS	15	5	3250	0.5	7	27.3	
13		1249	PAUL	FLOW HYDRANT LL	2 MINS	16	5	3350	0	6.5	8.82	
14		1256	JENSEN	FLOW HYDRANT SS	3 MINS	12	4	2320	0.5	7	5.43	
15		1259	JENSEN	FLOW HYDRANT TT	5 MINS	16	9	6030	0.5	6.5	3.71	
16			VARIOUS	OPEN VALVES 17, 16, 21 23, 30, 31, 32, 42, 41, 40								
17			VARIOUS	CLOSE VALVES 44, 45, 46 AND 47								
18		138	CHURCH	FLOW HYDRANT UU	5 MINS	10	7	3710	0	7	10.9	
19			CHURCH	OPEN VALVE 25								
20			CALDERON	CLOSE VALVE 40								
21		152	CHURCH	FLOW HYDRANT UU (STAY ON HYDRANT)	6 MINS	8	6	2880	0.5	7	0.73	
								TOTAL FLUSHED				
								50490				

DATE \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 7B SHEET 3

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	OPEN VALVES 5, 35, 36, 37, 38, 39, 40, 44, 45, 46, 47, 27, AND 28								
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
<b>TOTAL FLUSHED</b>												

DATE 6/1/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 8 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			HOPE	CLOSE VALVES 1, AND 2								
2		812	HOPE	FLOW HYDRANT A	6 MINS	40	6	6360	0	6.5	32.3	
3		816	HOPE	FLOW HYDRANT B	15 MINS	36	15	15150	0	6	1	
4			HOPE	OPEN VALVE 1								
5			VARIOUS	CLOSE VALVES 3, 4, 5, 6 7, AND 8.								
6		852	ECR	FLOW HYDRANT C	4 MINS	18	4	2840	0	6.5	7.78	
7		854	ECR	FLOW HYDRANT D	9 MINS	36	9	9090	0	6	1	
8		905	ECR	FLOW HYDRANT E	8 MINS	16	8	5360	0	7	5.98	
9		911	ECR	FLOW HYDRANT F	10 MINS	34	16	15680	0	6	6	
10		930	ECR	FLOW HYDRANT G	3 MINS	10	11	5830	0	7	4	
11		940	ECR	FLOW HYDRANT H	3 MINS	34	14	13720	0	6	4	
12		1006	EIRHORN	FLOW HYDRANT J	5 MINS	12	5	2900	0	7	16.2	
13		1009	EIRHORN	FLOW HYDRANT K	5 MINS	26	11	9460	1	6	8	
14			VARIOUS	OPEN VALVES 3, 7, 8								
15			VARIOUS	CLOSE VALVES 9, 10, 11 12, AND 13								
16		1037	HOPE	FLOW HYDRANT L	3 MINS	20	10	7500	0	6	1	
17		1053	HOPE	FLOW HYDRANT A	3 MINS	24	5	4100	0	7	2.94	
18			VARIOUS	OPEN VALVES 12, 13.								
19			VARIOUS	CLOSE VALVES 14, 15, 16 AND 17								
20		1106	VIEW	FLOW HYDRANT M	7 MINS	36	7	7070	0	6	1	
21		1115	VIEW	FLOW HYDRANT N	7 MINS	12	7	4060	0	7	3.13	
22												
								TOTAL FLUSHED				109120

DATE \_\_\_\_\_

CMV

## FLUSHING PROGRAM

ZONE 2  
AREA 8 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1120	VIEW	FLOW HYDRANT O	7 MINS	38	7	7280	0	6	1	
2		1129	VIEW	FLOW HYDRANT P	7 MINS	20	7	5250	0	7	5.32	
3		1134	BUSH	FLOW HYDRANT Q	2 MINS	34	7	6860	0	6	2	
4		1143	SHARY	FLOW HYDRANT R	3 MINS	20	5	3750	0	7	13	
5			FAIRMONT	OPEN VALVE 11								
6			VIEW	CLOSE VALVE 18								
7		1152	VIEW	FLOW HYDRANT O	3 MINS	18	4	2840	0	7	3.55	
8			YOSEMITE	OPEN VALVE 10								
9			VIEW	CLOSE VALVE 19								
10		1201	VIEW	FLOW HYDRANT N	3 MINS	12	5	2900	0	7	7.56	
11			SIERRA	OPEN VALVE 9								
12			VIEW	CLOSE VALVE 20								
13		1213	VIEW	FLOW HYDRANT M	3 MINS	14	4	2520	0	7	13.3	
14		1215	BUSH	FLOW HYDRANT S	1 MIN	16	22	14740	0	6	5	
15			SIERRA	OPEN VALVE 14								
16			BUSH	CLOSE VALVE 21								
17		1245	SHARY	FLOW HYDRANT T	3 MINS	24	7	5740	0	7	23.3	
18			VARIOUS	OPEN VALVES 6, 16, 17								
19			VARIOUS	CLOSE VALVES 22, 23, 24, AND 14								
20		117	BUSH	FLOW HYDRANT Q	3 MINS	32	8	7600	0	6	3	
21		128	BUSH	FLOW HYDRANT S	6 MINS	16	6	4020	0	7	17.2	
22												
								TOTAL FLUSHED	63500			

DATE \_\_\_\_\_

CMV

FLUSHING PROGRAM

ZONE 2  
AREA 8 SHEET 3

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		132	SHARY	FLOW HYDRANT R	2 MINS	32	10	9500	0	6	1	
2			YOSEMITE	OPEN VALVE 15								
3			BUSH	CLOSE VALVE 16								
4		155	SHARY	FLOW HYDRANT T	2 MINS	28	11	9790	0	6	10	
5			VARIOUS	OPEN VALVES 16, 23, 22 21, 20, 14, 19, 18, 24, 4, 5								
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED	19290			

DATE 5/18/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 9A1 SHEET1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 4, 5 6, 8, 9, 10, 11								
2		305	VILLA	FLOW HYDRANT A	6 MINS	52	8	9680	0	6	20.7	
3		313	OAK	FLOW HYDRANT B	4 MINS	36	7	7070	0.5	6	5.26	
4		321	EVELYN	FLOW HYDRANT C	4 MINS	12	6	3480	0	6	11.5	
5		326	EVELYN	FLOW HYDRANT D	3 MINS	40	6	6360	0.5	6	2.2	
6		334	EVELYN	FLOW HYDRANT E	7 MINS	10	8	4240	1	6	10.8	
7		340	DOWN ALLY	FLOW HYDRANT E1	3 MINS	36	7	7070	0.5	6	5.37	
8		348	CASTRO	FLOW HYDRANT F	5 MINS	10	8	4240	1	6	5.06	
9		355	EVELYN	FLOW HYDRANT G	3 MIN	36	7	7070	0.5	7	3.44	
10		403	HOPE	FLOW HYDRANT H	3 MINS	10	7	3710	0	6	11.1	
11		409	HOPE	FLOW HYDRANT J	3 MINS	36	7	7070	0.5	6	6.84	
12			OAK	FLOW HYDRANT K	3 MINS							
13		425	VILLA	FLOW HYDRANT L	4 MINS	34	7	6860	0.5	6	3.36	
14			FRANKLIN	CLOSE VALVE 3								
15		518	FRANKLIN	FLOW HYDRANT M	5 MINS	40	8	8480	0.5	6	3.51	
16		528	FRANKLIN	FLOW HYDRANT N	3 MINS	10	7	3710	0	6	11.6	
17			FRANKLIN	OPEN VALVE 4								
18			FRANKLIN	CLOSE VALVE 2								
19		541	FRANKLIN	FLOW HYDRANT N	3 MINS	14	8	5040	0	6	27.2	
20			VARIOUS	OPEN VALVES 1, 2, 5, 11								
21			VARIOUS	CLOSE VALVES 12, 13, 14								
TOTAL FLUSHED								84080				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			BRYANT	FLOW HYDRANT O	5 MINS	14	7	4410	0	6	90.4	
2		604	DOWN ALLY	FLOW HYDRANT E1	2 MINS	38	9	9360	0.5	6	6.67	
3			VARIOUS	OPEN VALVES 6, 14								
4			VARIOUS	CLOSE VALVES 15, 16								
5		632	CASTRO	FLOW HYDRANT P	5 MINS	5	5	1900	1	6	11.5	
6			VILLA	OPEN VALVE 15								
7			VARIOUS	CLOSE VALVES 17, 18								
8		644	HOPE	FLOW HYDRANT Q	3 MINS	10	6	3180	0	6	4.09	
9		649	HOPE	FLOW HYDRANT R	2 MINS	42	6	6540	0.5	6	1.73	
10			VARIOUS	OPEN VALVES 3, 8, 9 10, 13, 16, 17, 18								
11			VARIOUS	CLOSE VALVES 19, 20, 21								
12		718	DANA	FLOW HYDRANT S	3 MINS	10	6	3180	0	6	4.09	
13		723	DANA	FLOW HYDRANT T	2 MINS	38	7	7280	0.5	6	3.32	
14		432	OAK	FLOW HYDRANT U	3 MINS	16	6	4020	0.5	6	5.79	
15		738	OAK	FLOW HYDRANT V	2 MINS	38	7	7280	0.5	6	2.81	
16			VARIOUS	OPEN VALVES 19, 20, 21								
17												
18												
19												
20												
21												
								TOTAL FLUSHED	47150			

CMV  
FLUSHING PROGRAM

DATE 5/19/10  
OPERATOR

ZONE 2  
AREA 9B1A SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 22, 23, 24, 25, 26, 27, 28, 29								
2		252	W. DANA	FLOW HYDRANT W	7 MINS	10	8	4240	1	6	7.51	
3		259	FRANKLIN	FLOW HYDRANT X	3 MINS	20	5	3750	0.5	6	5.31	
4		306	FRANKLIN	FLOW HYDRANT Y	2 MINS	10	6	3780	1	6	10.5	
5		310	CALIFORNIA	FLOW HYDRANT Z	2 MINS	40	7	7420	0.5	6	4.62	
6			VARIOUS	OPEN VALVES 23								
7		321	CALIFORNIA	FLOW HYDRANT AA	4 MINS	10	7	3710	0	6	19.5	
8			FRANKLIN	OPEN VALVE 22								
9		331	CALIFORNIA	FLOW HYDRANT BB	4 MINS	10	6	3180	0	6	25.1	
10		336	CALIFORNIA	FLOW HYDRANT CC	4 MINS	40	7	7420	0.5	6	5.81	
11		344	FRANKLIN	FLOW HYDRANT DD	3 MINS	8	5	2400	1	6	22.1	
12		348	FRANKLIN	FLOW HYDRANT EE	3 MINS	40	6	6360	0.5	6	6.27	
13		356	OAK	FLOW HYDRANT FF	2 MINS	10	5	2650	0.5	6	15.1	
14		400	OAK	FLOW HYDRANT GG	3 MINS	40	7	7420	0.5	5	2.53	
15			BRYANT	OPEN VALVE 25								
16			VARIOUS	CLOSE VALVES 30, 31								
17		429	BRYANT	FLOW HYDRANT HH	9 MINS	10	10	5300	0	6	7.03	
18			VARIOUS	OPEN VALVES 24, 27, 28, 29, 30, 31								
19			VARIOUS	CLOSE VALVES 16, 26, 32, 33, 34, 35, 36, 37								
20		501	CASTRO	FLOW HYDRANT JJ	4 MINS	10	6	3180	0	6	5.17	
21		506	CASTRO	FLOW HYDRANT KK	13 MINS	36	13	13130	0.5	6	1.55	
								<b>TOTAL FLUSHED</b>				
								73340				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			CALIFORNIA	OPEN VALVE 26								
2		527	CASTRO	FLOW HYDRANT LL	5 MINS	10	6	3180	0	6	3.28	
3		532	CALIFORNIA	FLOW HYDRANT MM	7 MINS	5	13	4940	2	6	9.85	
4			VARIOUS	OPEN VALVES 16, 35, 36								
5			VARIOUS	CLOSE VALVES 18, 38								
6		609	HOPE	FLOW HYDRANT NN	6 MINS	10	8	4240	0	6	9.85	
7		616	HOPE	FLOW HYDRANT OO	3 MINS	36	12	12120	0.5	6	6.16	
8		630	HOPE	FLOW HYDRANT PP	2 MINS	10	6	3180	0.5	6	9.87	
9			VARIOUS	OPEN VALVES 18,32,33, 34, 37, 38								
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
								TOTAL FLUSHED				
								27660				

CMV  
FLUSHING PROGRAM

DATE

5/20/10

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 40, 41 42, 44, 45, 47								
2		210	CHURCH	FLOW HYDRANT QQ	5 MINS	10	6	3180	0	6	5.52	
3		215	CHURCH	FLOW HYDRANT RR	7 MINS	36	8	8080	0.5	6	3.95	
4		224	CHURCH	FLOW HYDRANT SS	9 MINS	10	10	5300	0	6	7.48	
5		233	CHURCH	FLOW HYDRANT TT	9 MINS	34	10	9800	0.5	6	2.78	
6		244	CHURCH	FLOW HYDRANT UU	7 MINS	18	9	6390	1	6	3.86	
7		252	CASTRO	FLOW HYDRANT VV	5 MINS	40	7	7420	0.5	6	4.69	
8		300	CASTRO	FLOW HYDRANT WW	7 MINS	10	9	4770	0	6	4.01	
9		308	CASTRO	FLOW HYDRANT XX	3 MINS	42	10	10900	0.5	6	2.91	
10		320	FRANKLIN	FLOW HYDRANT YY	4 MINS	10	7	3710	0	6	13.1	
11		327	OAK	FLOW HYDRANT ZZ (STAY SET UP ON HYDRANT)	3 MINS	40	11	11660	0.5	6	1.99	
12			VARIOUS	OPEN VALVES 40, 41, 42								
13			VARIOUS	CLOSE VALVES 29, 48, 51								
14		353	OAK	FLOW HYDRANT ZZ	3 MINS	38	10	10400	0.5	6	9.9	
15			VARIOUS	OPEN VALVES 29, 48, 51								
16			VARIOUS	CLOSE VALVES 28, 27, 32, 50, 52, 49								
17		421	FRANKLIN	FLOW HYDRANT YY	3 MINS	12	10	5800	0.5	6	10.4	
18		431	CASTRO	FLOW HYDRANT XX	7 MINS	40	14	17840	0.5	6	9.73	
19			VARIOUS	OPEN VALVES 27, 28 49, 44, 47, 50								
20			VARIOUS	CLOSE VALVES 39, 53 AND 33								
21		507	MERCY	FLOW HYDRANT AAA	4 MINS	12	7	4060	0	6	8.63	
								TOTAL FLUSHED	106310			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			HOPE	FLOW HYDRANT BBB	5 MINS	36	7	7070	0.5	6	2.73	
2		513	HOPE	FLOW HYDRANT CCC (STAY SET UP ON HYDRANT)	5 MINS	14	6	3780	0	6	5.98	
3		522	VARIOUS	OPEN VALVES 32, 33, 39 AND 53								
4			VARIOUS	CLOSE VALVES 43, 46, 54, 55, 56								
5		547	HOPE	FLOW HYDRANT CCC	4 MINS	10	5	2650	0	6	4.51	
6			CHURCH	FLOW HYDRANT DDD	3 MINS	22	8	6320	0.5	6	3.23	
7		551	VARIOUS	OPEN VALVES 43, 45, 46 52, 54, 55, AND 56								
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
								<b>TOTAL FLUSHED</b>				
								19820				

6/12/10

DATE

CMV

FLUSHING PROGRAM

ZONE 2  
AREA 10 SHEET 1

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PILOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4 5, 6, 7, 8.								
2		839	SHORELINE	FLOW HYDRANT A	7 MINS	20	7	5250	1	6.5	4	
3		847	ECR	FLOW HYDRANT B	7 MINS	20	7	5250	0	6.5	6.04	
4		854	ECR	FLOW HYDRANT C	4 MINS	14	4	2520	0	6.5	7	
5		859	OAK	FLOW HYDRANT D	3 MINS	20	4	3000	0	6.5	20.4	
6		902	ECR	FLOW HYDRANT E	4 MINS	16	6	4020	0	6.5	14	
7		908	HIGH SCHOOL	FLOW HYDRANT F	4 MINS	20	5	3750	0	6.5	17.3	
8		912	HIGH SCHOOL	FLOW HYDRANT G	4 MINS	12	4	2320	0	6.5	16	
9		917	HIGH SCHOOL	FLOW HYDRANT H	3 MINS	28	6	5340	0	6.5	19.9	
10			VARIOUS	OPEN VALVES 1, 2, 3								
11		939	CASTRO	FLOW HYDRANT J	6 MINS	56	6	7500	0	6.5	3.66	
12		945	CASTRO	FLOW HYDRANT K	6 MINS	16	7	4690	1	6.5	5	
13		952	CASTRO	FLOW HYDRANT L	6 MINS	30	12	5976	0	6.5	2.19	
14			VARIOUS	OPEN VALVES 4, 5, 7, 8								
15			OAK	CLOSE VALVE 9								
16		1013	ECR	FLOW HYDRANT M	7 MINS	26	7	5250	0	6.5	28	
17		1021	ECR	FLOW HYDRANT E	5 MINS	18	5	3550	0	6.5	7.42	
18			OAK	OPEN VALVE 9	3 MINS							
19			VARIOUS	CLOSE VALVES 10, 11, 12 13, 14, 15								
20		1048	ECR	FLOW HYDRANT N	9 MINS	26	9	7740	0	6.5	8	
21		1058	ECR	FLOW HYDRANT O	8 MINS	28	12	10680	0	7	2.48	
22				TOTAL FLUSHED				76836				

DATE \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 10 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1109	ECR	FLOW HYDRANT P	6 MINS	10	8	4240	0	6.5	2	
2		1117	ECR	FLOW HYDRANT Q	10 MINS	24	10	8200	0	6.5	1.54	
3		1127	ECR	FLOW HYDRANT R	9 MINS	26	9	7740	0	6.5	3	
4		1137	LANE	FLOW HYDRANT S	6 MINS	10	7	3710	0	6.5	39.9	
5		1144	LANE	FLOW HYDRANT T	4 MINS	8	5	2400	1	6.5	20	
6		1150	CASTRO	FLOW HYDRANT U	4 MINS	28	4	3560	0	6.5	6.72	
7		1154	CASTRO	FLOW HYDRANT V	5 MINS	16	5	3350	1	6.5	3.23	
8		1200	VICTOR	FLOW HYDRANT W	3 MINS	24	7	5740	0	6.5	20.9	
9		1206	VICTOR	FLOW HYDRANT X	2 MINS	20	4	3000	0	6.5	14.9	
10			VICTOR	OPEN VALVE 11								
11		1215	CASTRO	FLOW HYDRANT Y	3 MINS	24	4	3280	0	6.5	6.52	
12		1219	CASTRO	FLOW HYDRANT Z	3 MINS	20	6	4500	0	7	42.6	
13		1224	CASTRO	FLOW HYDRANT AA	3 MINS	22	7	5530	0	6.5	5.81	
14		1232	PARK	FLOW HYDRANT BB	3 MINS	20	8	6000	0	6.5	46	
15		1239	SONIA	FLOW HYDRANT CC	3 MINS	16	4	2680	0	6.5	28.2	
16		1243	SONIA	FLOW HYDRANT DD	3 MINS	12	7	4060	0	6.5	1.87	
17		1249	HARPSTER	FLOW HYDRANT EE	1 MIN	14	5	3150	0	6.5	5.17	
18		1258	HARPSTER	FLOW HYDRANT FF	2 MINS	8	6	2880	0	6.5	1.8	
19			VARIOUS	OPEN VALVES 6, 10, 12 13, 14, 15.								
20												
21												
22												
TOTAL FLUSHED								74020				

DATE 6/13/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 11 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, 6, AND 7								
2		800	ECR	FLOW HYDRANT A	5 MINS	22	8	6320	0	6	1.43	
3		809	ECR	FLOW HYDRANT B	11 MINS	34	13	12740	0	6	1.65	
4		828	PARK	FLOW HYDRANT C	9 MINS	8	10	4800	1	6	1.92	
5		841	MOUNTAIN VIEW	FLOW HYDRANT D	5 MINS	30	17	15640	0.5	6	4.57	
6		857	MOUNTAIN VIEW	FLOW HYDRANT E	4 MINS	24	9	7320	6	1.44		
7		905	MOUNTAIN VIEW	FLOW HYDRANT F	4 MINS	26	6	5160	0	6	1.63	
8		911	MOUNTAIN VIEW	FLOW HYDRANT G	5 MINS	12	7	3860	0	6	2.94	
9		921	PARK	FLOW HYDRANT H	3 MINS	34	8	7840	0	6	4.46	
10		930	PARK	FLOW HYDRANT J	5 MINS	10	5	2650	0.5	6	1.64	
11			VARIOUS	OPEN VALVES 1, 2, 3, 4 AND 7								
12			VARIOUS	CLOSE VALVES 8, 9, 10 AND 11								
13												
14		1005	MIRAMONTE	FLOW HYDRANT K	5 MINS	14	5	3450	0.5	6	1.13	
15		1014	MIRAMONTE	FLOW BLOW OFF L	7 MINS	24	11	9020	0	6	4.88	
16		1025	TROPHY	FLOW HYDRANT M	4 MINS	10	7	3710	0	6	4.64	
17		1033	TROPHY	FLOW HYDRANT N	4 MINS	28	13	11570	0	6	5.8	
18		1045	EICHLER	FLOW HYDRANT O	4 MINS	10	5	2600	0	6	1.67	
19		1055	EICHLER	FLOW HYDRANT P	4 MINS	22	7	5530	0	6	2.66	
20		1100	EICHLER CT.	FLOW HYDRANT Q	3 MINS	15	5	3250	0	6	1.67	
21		1110	EICHLER	FLOW HYDRANT R	3 MINS	20	7	5250	0	6	2.45	
22												
								TOTAL-FLUSHED	110410			

DATE \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 11 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	OPEN VALVE 10								
2			VARIOUS	CLOSE VALVES 12, 13, 14, 15, 16.								
3		1157	MIRAMONTE	FLOW HYDRANT S	8 MINS	17	13	8970	0	6	2.63	
4		1210	STARR	FLOW HYDRANT T	4 MINS	26	12	10320	0.5	6	4.93	
5		1224	STARR	FLOW HYDRANT U	3 MINS	15	4	2600	0	6	2.34	
6			STARR	FLOW HYDRANT V	2 MINS							
7		1230	MIRAMONTE	FLOW HYDRANT W	5 MINS	22	10	7900	0	6	2.7	
8		1240	MARILYN	FLOW HYDRANT X	18 MINS	17	18	12420	0	6	1.95	
9		1259	MARILYN	FLOW HYDRANT Y	9 MINS	16	12	8040	0	6	2.9	
10			VARIOUS	OPEN VALVES 5, 6, 8, 9, 11, 12, 13, 14, 15, 16.								
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED				50250

DATE 6/5/10

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 12 SHEET 1

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4 5, 6, 7, AND 8								
2		813	ECR	FLOW HYDRANT A	4 MINS	32	4	3800	0	7	4.94	
3		818	ECR	FLOW HYDRANT B	5 MINS	24	5	4100	0	6	2.57	
4		823	ECR	FLOW HYDRANT C	4 MINS	18	5	3550	0	6.5	4.53	
5		828	PHYLLIS	FLOW HYDRANT D	3 MINS	18	5	3550	0	6	3.32	
6		833	PHYLLIS	FLOW HYDRANT E	2 MINS	20	5	3750	0	6.5	3.79	
7		842	PHYLLIS	FLOW HYDRANT F	2 MINS	28	3	2670	0	6.5	6.17	
8		849	PHYLLIS	FLOW HYDRANT G	4 MINS	18	4	2840	0	6.5	13.2	
9		858	CAMILLE	FLOW HYDRANT H	2 MINS	20	5	3750	0	6	3.19	
10		903	CAMILLE	FLOW HYDRANT J	4 MINS	24	7	5740	0	7	11.9	
11		911	CAMILLE	FLOW HYDRANT K	3 MINS	20	5	3750	0	6	6.91	
12		922	NILDA	FLOW HYDRANT L	5 MINS	26	5	4300	0	6.5	20.9	
13		928	NILDA	FLOW HYDRANT M	5 MINS	16	6	4020	0	6.5	3.06	
14		934	BONITA	FLOW HYDRANT N	6 MINS	28	6	5340	0	6.5	11	
15		940	BONITA	FLOW HYDRANT O	3 MINS	40	5	5300	0	6	3.92	
16		946	BONITA	FLOW HYDRANT P	3 MINS	26	7	6020	0	6.5	12.3	
17		954	BONITA	FLOW HYDRANT Q	3 MINS	18	5	3550	0	6	1.42	
18		959	BORANDA	FLOW HYDRANT R	3 MINS	22	13	10270	0	6.5	17.4	
19		1014	BORANDA	FLOW HYDRANT S	4 MINS	18	5	3550	0	6.5	3.16	
20		1022	BORANDA	FLOW HYDRANT T	2 MINS	26	5	4300	0	6.5	16.2	
21		1029	BORANDA	FLOW HYDRANT U	4 MINS							
22												
								TOTAL FLUSHED	84150			

DATE \_\_\_\_\_

CMV

**FLUSHING PROGRAM**

ZONE 2  
AREA 12 SHEET 2

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1029	BORANDA	FLOW HYDRANT V	3 MINS	22	10	7900	0.5	6.5	3.84	
2		1039	BORANDA	FLOW HYDRANT W	3 MINS	28	3	2670	0	6.5	12.9	
3			VARIOUS	OPEN VALVES 7, AND 8								
4			VARIOUS	CLOSE VALVES 9, 10, 11, 12, 13, 14, 15, 16, 17,								
5			RUSTIC	FLOW HYDRANT X	10 MINS	22	10	7900	0	6	4.21	
6		1235	HANS	FLOW HYDRANT Y	8 MINS	28	8	7120	0	6.5	5.85	
7			PHYLLIS	FLOW HYDRANT G	13 MINS	22	13	10270	0	0.5	3.02	
8			RUSTIC	FLOW HYDRANT Z (STAY ON HYDRANT)	5 MINS	28	5	4450	0	6.5	30.5	
9		113	RUSTIC	OPEN VALVE 15								
10			RUSTIC	CLOSE VALVE 18								
11			RUSTIC	FLOW HYDRANT Z	4 MINS	28	4	3560	0	6.5	14.6	
12		122	VARIOUS	OPEN VALVES 18, 4, 5, 6								
13			VARIOUS	CLOSE VALVES 19, 20, 21								
14			BORANDA	FLOW HYDRANT W	3 MINS	28	4	3560	0	6.5	14.6	
15		202	BONITA	FLOW HYDRANT Q	3 MINS	20	5	3750	0	6	5.23	
16		207	NILDA	FLOW HYDRANT M	2 MINS	22	3	2370	0	6.5	20.2	
17		213	VARIOUS	OPEN VALVES 1, 2, 3, 9, 10, 11, 12, 13, 14, 16, 17, 19, 20, AND 21								
18												
19												
20												
21												
22												
								<b>TOTAL FLUSHED</b>				53550

DATE 5/14/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 16/15 SHEET1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		952	VARIOUS	CLOSE VALVES 1 THROUGH 10								
2		952	ECR	FLOW HYDRANT A	6 MINS	10	6	3180	0	6	2.43	
3		956	ECR	FLOW HYDRANT B	7 MINS	36	7	7070	0	6	3.13	
4		1006	ECR	FLOW HYDRANT C	9 MINS	6	9	3690	0	6	3.87	
5		1013	ECR	FLOW HYDRANT D	7 MINS	36	7	7070	0	6	2.03	
6		1022	ECR	FLOW HYDRANT E	9 MINS	14	9	5670	0	6	10	
7		1029	ECR	FLOW HYDRANT F	13 MINS	36	13	13130	0.5	7	2.27	
8		1044	RICH	FLOW HYDRANT G	2 MINS	12	7	5800	0	6	16.1	
9		1052	END OF RICH	FLOW B.O	TO CLEAR	20	8	6000	2	6	0.81	
10		1103	ECR	FLOW HYDRANT H	7 MINS	12	7	4060	0	6	9.77	
11		1108	EL MONTE	FLOW HYDRANT J	11 MINS	36	6	6060	0.5	6	1.06	
12		1121	ECR	FLOW HYDRANT K	4 MINS	14	5	3150	0	6	7.49	
13		1124	EL MONTE	FLOW HYDRANT L	4 MINS	36	6	6060	0.5	6	1.06	
14		1133	EL MONTE	FLOW HYDRANT M	4 MINS	10	8	4240	0	6	3.76	
15		1139	EL MONTE	FLOW HYDRANT N	4 MINS	30	7	6440	0	6	3.02	
16		1148	KATHY	FLOW HYDRANT O	9 MINS	10	9	4770	0	6	7.14	
17		1155	HOLLINGSWORTH DR.	FLOW HYDRANT OO	4 MINS	30	7	6440	0	6	3.96	
18		1205	KATHY	FLOW HYDRANT P	4 MINS	10	4	2120	0	6	24.3	
19		1208	MELBA	FLOW HYDRANT Q	3 MINS	34	6	5880	0	6	2.53	
20		1217	LLOYD	FLOW HYDRANT R	5 MINS	10	5	2650	0	6	5.26	
21		1220	LLOYD	FLOW HYDRANT S	9 MINS	30	10	9200	0	6	2.76	
								TOTAL FLUSHED				117730

**CMV  
FLUSHING PROGRAM**

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ZONE 2  
AREA 16/15 SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			ERNESTINE	FLOW HYDRANT T	12 MINS	6	12	4920	0	6	7.05	
2		1233	VARIOUS	OPEN VALVES 1, 2, 9, 7, 8 AND 10								
3			VARIOUS	CLOSE VALVES 11, 12, 13 14, 15, AND 16								
4			TODD	FLOW HYDRANT U	6 MINS	6	6	2460	0	6	2.33	
5		115	DENNIS	FLOW HYDRANT V	2 MINS	24	6	4920	0	6	1.55	
6		119	DENNIS	FLOW HYDRANT W	1 MIN	4	6	2060	0	6	3.15	
7		128	ERNESTINE	FLOW HYDRANT T	2 MINS	5	8	3040	0.5	6	2.57	
8		133	KATHY	FLOW HYDRANT P	1 MIN	6	4	1640	0	6	10.3	
9		143	KATHY	OPEN VALVE 12								
10			MTN. VIEW	FLOW HYDRANT X	7 MINS	4	7	2380	0	6	4.86	
11		151	MTN. VIEW	FLOW HYDRANT Y	3 MINS	32	8	7600	0	6	1.14	
12		156	MTN. VIEW	FLOW HYDRANT Z	3 MINS	4	5	1700	0	6	4.33	
13		207	VARIOUS	(STAY SET UP ON HYDRANT) OPEN VALVES 15, AND 16								
14			MTN. VIEW	CLOSE VALVE 17								
15			MTN. VIEW	FLOW HYDRANT Z	3 MINS	4	3	1020	0	6	6.26	
16		221	MTN. VIEW	OPEN VALVE 17								
17			MTN. VIEW	FLOW HYDRANT AA	4 MINS	12	4	2320	0	6	16.7	
18		228	GILMORE	FLOW HYDRANT BB	6 MINS	7	9	3960	0.5	6	3.56	
19		230	DENNIS	FLOW HYDRANT CC	6 MINS	4	6	2040	0	6	17.2	
20		242	TODD	FLOW HYDRANT DD	6 MINS	5	7	2660	2	6	2.44	
21		248	VARIOUS	(STAY SET UP ON HYDRANT) OPEN VALVES 13, AND 14								
								<b>TOTAL FLUSHED</b>				
								42700				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 18, AND 19								
2		303	TODD	FLOW HYDRANT DD	8 MINS	5	9	3420	2	6	1.45	
3		314	DANNIS	FLOW HYDRANT CC	4 MIN	4	4	1360	0	6	11.3	
4			VARIOUS	OPEN VALVES 3, 4, 5, 6, 11, 18, AND 19								
5		332	DON CT.	FLOW BLOW OFF	TO CLEAR	4	4	1360	0	6	3.32	
6		336	THOMAS CT.	FLOW BLOW OFF	TO CLEAR	20	5	3750	2	6	1.27	
7		345	RONDEN CT.	FLOW BLOW OFF	TO CLEAR	4	4	1360	0	6	2.59	
8		348	PARK DR.	FLOW END OF LINE BLOW OR HYDRANT	TO CLEAR	8	9	4320	0	6	3.06	
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
								TOTAL FLUSHED	15570			

DATE 5/11/0  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 17 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, 6, 7 AND 8								
2		807	ECR	FLOW HYDRANT A	3 MINS	18	6	4260	0	7	23.7	
3		812	CLARK	FLOW HYDRANT B	5 MINS	30	5	4600	0	6	2.32	
4		819	CLARK	FLOW HYDRANT C	3 MINS	18	4	2840	0	6	7.76	
5		822	CLARK	FLOW HYDRANT D	3 MINS	30	9	8280	0	6	6.86	
6		833	EDNAMARY	FLOW HYDRANT E	3 MINS	10	5	2650	1	6	15.3	
7		837	EDNAMARY	FLOW HYDRANT F	7 MINS	28	9	8010	0	6	6.69	
8		847	CLARK	FLOW HYDRANT G	7 MINS	12	9	5220	0	7	20.9	
9		854	MARICH	FLOW HYDRANT H	6 MINS	30	7	6440	0	6	5.13	
10		903	MARICH	FLOW HYDRANT J	2 MINS	12	6	3480	0	7	7.83	
11		908	MARICH	FLOW HYDRANT K	2 MINS	34	8	7840	0	6	2.76	
12		917	JUDSON	FLOW HYDRANT L	5 MINS	8	6	2880	1	7	7.87	
13		922	ANTHONY CT.	FLOW HYDRANT M	5 MINS	22	7	5530	1	6	1.35	
14		931	PILGRIM	FLOW HYDRANT N	5 MINS	9	4	1920	0	7	4.26	
15		936	BLACKFIELD	FLOW HYDRANT O	7 MINS	16	8	5360	0	6	1.36	
16		946	CLARK	FLOW HYDRANT P	6 MINS	10	10	5300	1	6	9.99	
17		955	JARDIN	FLOW HYDRANT Q	6 MINS	22	15	14220	0	6	7.85	
18				OPEN VALVES 1, 2, 3, 4, 5, 6, AND 8								
19				CLOSE VALVES 9, 10, 11 AND 12								
20		1058	ANTHONY CT.	FLOW HYDRANT M	4 MINS	8	4	1920	0	6	2.36	
21		1102	JUDSON	FLOW HYDRANT L	6 MINS	12	6	3480	0	6	3	
								TOTAL FLUSHED	94230			

DATE \_\_\_\_\_  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 17 SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1110	CLARK	FLOW HYDRANT G	7 MINS	10	10	5300	1	6	32.2	
2			VARIOUS	OPEN VALVES 7, 9, 10, 11, AND 12								
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
<b>TOTAL FLUSHED</b>								5300				

DATE 5/12/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 18 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, AND 5								
2		826	MARICH	FLOW HYDRANT A	7 MINS	12	10	5800	0	6	12	
3		835	MARICH	FLOW HYDRANT B	2 MINS	14	7	4410	1	6	5.98	
4		844	KAREN	FLOW HYDRANT C	4 MINS	5	7	2660	0	7	34.6	
5		850	SOLANO	FLOW HYDRANT D	6 MINS	26	7	6020	0	6	7.94	
6		858	MORTON	FLOW HYDRANT E	4 MINS	10	6	3180	1	6	6.88	
7		903	MORTON	FLOW HYDRANT F	3 MINS	24	7	5740	0	6	2.43	
8		911	CECILIA	FLOW HYDRANT G	4 MINS	10	13	6890	1	6	5.1	
9		924	MORTON	FLOW HYDRANT H	2 MINS	24			1	6	0.89	
10			JARDIN	FLOW HYDRANT J	4 MINS							
11		924	SOLANO	FLOW HYDRANT K	3 MINS							
12			VARIOUS	OPEN VALVES 2, AND 5								
13			VARIOUS	CLOSE VALVES 6, AND 7								
14		1024	CECILIA	FLOW HYDRANT G	3 MINS	12	8	4640	0.5	6	2.24	
15		1034	MORTON	FLOW HYDRANT H	3 MINS	5	6	2280	1	6	4.09	
16		1039	JARDIN	FLOW HYDRANT L	2 MINS	7	8	3520	0	6	1.63	
17			SOLANO	OPEN VALVE 4								
18			CECILIA	CLOSE VALVE 2								
19		1055	SOLANO	FLOW HYDRANT K (STAY ON HYDRANT)	4 MINS	24	9	7380	0.5	6	2.11	
20			KAREN	OPEN VALVE 3								
21			SOLANO	CLOSE VALVE 4								
								TOTAL FLUSHED	60840			

**CMV  
FLUSHING PROGRAM**

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1109	SOLANO	FLOW HYDRANT K	3 MINS	5	10	3800	0.5	6	3.84	
2		1121	SOLANO	FLOW HYDRANT M	3 MINS	14	19	11970	0	7	9.98	
3			VARIOUS	OPEN VALVES 1, 2, 4, 6 AND 7								
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								<b>TOTAL FLUSHED</b>				
												15570

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

5/9/10

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3, 5, 6, 7, 8, 9, 10, 11								
2		911	CALIFORNIA	FLOW HYDRANT A	6 MINS	18	8	5680	0.5	6	2.99	
3		919	CALIFORNIA	FLOW HYDRANT B	6 MINS	40	6	6360	0	6	1.23	
4		926	CALIFORNIA	FLOW HYDRANT C	7 MINS	26	7	6020	0.5	6	4.61	
5		934	CHIQUITA	FLOW HYDRANT D	6 MINS	40	6	6360	0	6	1.19	
6		940	CHIQUITA	FLOW HYDRANT E	9 MINS	28	10	8900	0	6	1.44	
7		950	CALIFORNIA	FLOW HYDRANT F	3 MINS	40	5	5300	0	6	2.28	
8		955	MARIPOSA	FLOW HYDRANT G	5 MINS	28	5	4450	0	6	10.9	
9		1000	MARIPOSA	FLOW HYDRANT H	3 MINS	34	5	4900	0	6	3.85	
10		1006	CALIFORNIA	FLOW HYDRANT J	4 MINS	20	4	3000	0	6	10.5	
11		1011	PETTIS	FLOW HYDRANT K	6 MINS	24	14	11480	0	6	9.54	
12		1025	CALIFORNIA	FLOW HYDRANT L	4 MINS	20	5	3750	0	6	8.21	
13		1030	PALO ALTO	FLOW HYDRANT M	4 MINS	34	8	7840	0	6	5.18	
14		1038	CALIFORNIA	FLOW HYDRANT N	4 MINS	20	7	5250	0	6	6.44	
15		1045	MTN. VIEW	FLOW HYDRANT O	3 MINS	22	7	5530	0	6	5.17	
16		1056	CALIFORNIA	FLOW HYDRANT P	4 MINS	15	6	3900	0	6	7.54	
17			VARIOUS	OPEN VALVES 1, 2, 3, 4, 6, 8, AND 10								
18			VARIOUS	CLOSE VALVES 12, 13, 14 AND 15								
19		1132	VILLA	FLOW HYDRANT Q	4 MINS	24	9	7380	0	6	7.69	
20		1141	VILLA	FLOW HYDRANT R	6 MINS	42	13	14170	0	6	9.21	
21		1154	VILLA	FLOW HYDRANT S	6 MINS	30	6	5620	0	6	20.1	
								TOTAL FLUSHED				
								115790				

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

CMV  
FLUSHING PROGRAM

ZONE 2  
AREA 20 SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			PETTIS	FLOW HYDRANT T	5 MINS	24	7	5740	0	6	1.77	
2		1202	DANA	FLOW HYDRANT U	4 MINS	11	6	3330	0	6	27.8	
3		1210	PALO ALTO	FLOW HYDRANT V	5 MINS	34	7	6860	0	6	2.36	
4		1217	MTN VIEW	FLOW HYDRANT W	4 MINS	15	6	3900	0	6	10.6	
5		1226	MTN. VIEW	FLOW HYDRANT X	5 MINS	32	11	10450	0	6	3.18	
6		1233	DANA	FLOW HYDRANT Y	4 MINS	15	6	3900	0	6	15.5	
7		1245	PETTIS	OPEN VALVE 5								
8			PETTIS	CLOSE VALVE 16								
9			PETTIS	FLOW HYDRANT T	5 MINS	20	10	7500	0	6	21	
10		1258	PALO ALTO	OPEN VALVE 7								
11			PETTIS	CLOSE VALVE 5								
12			DANA	FLOW HYDRANT U	5 MINS	25	5	4200	0	6	10.4	
13		117	MTN VIEW	OPEN VALVE 9								
14			PALO ALTO	CLOSE VALVE 7								
15			MTN. VIEW	FLOW HYDRANT W	5 MINS	25	9	7110	0	6	31.6	
16		131	VARIOUS	OPEN VALVES 5, 7, 11, 12, 13, 14, 15, 16.								
17												
18												
19												
20												
21												
								TOTAL FLUSHED	83790			

**CMV  
FLUSHING PROGRAM**

DATE 5/10/10  
OPERATOR \_\_\_\_\_

ZONE 2  
AREA 21 SHEET 1

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1 THRU 15								
2		910	CHIQUITA	FLOW HYDRANT A	7 MINS	5	8	1900	1	7	2.16	
3		917	CHIQUITA	FLOW HYDRANT B	7 MINS	42	7	7630	0	6	1.99	
4		925	LATHAM	FLOW HYDRANT C	7 MINS	12	8	4640	0	7	2.13	
5		932	CHIQUITA	FLOW HYDRANT D	5 MINS	40	5	5300	0	6	1.65	
6		939	TOFT	FLOW HYDRANT E	3 MINS	10	5	2550	0	6	1.78	
7		943	TOFT	FLOW HYDRANT F	4 MINS	34	6	5800	0	6	1.85	
8		950	LATHAM	FLOW HYDRANT G	4 MINS	8	5	2400	0	6	1.88	
9		955	LEKSICH	FLOW HYDRANT H	3 MINS	34	4	3920	0	6	1.72	
10			LATHAM	FLOW HYDRANT J	4 MINS							
11		1030	MARIPOSA	FLOW HYDRANT K	6 MINS	16	7	4690	0	6	2.05	
12		1011	MERCY	FLOW HYDRANT L	6 MINS	10	8	4240	0	7	6.07	
13		1019	PETTIS	FLOW HYDRANT M	5 MINS	28	7	6230	0	6	8.73	
14		1028	MARIPOSA	FLOW HYDRANT N	5 MINS	24	5	4100	0	7	2.78	
15		1033	PETTIS	FLOW HYDRANT O	5 MINS	20	10	7500	0	6	3.95	
16		1044	LATHAM	FLOW HYDRANT P	4 MINS	12	6	3480	0	7	14	
17		1105	LATHAM	FLOW HYDRANT Q	6 MINS	34	8	7840	0	6	5.09	
18		1114	MT. VIEW	FLOW HYDRANT R	5 MINS	10	5	2650	0.5	7	7.44	
19		1119	PALO ALTO	FLOW HYDRANT S	3 MINS	30	6	5520	0	6	2.11	
20		1127	PALO ALTO	FLOW HYDRANT T	3 MINS	16	4	2680	0	7	14.9	
21		1131	PALO ALTO	FLOW HYDRANT U	3 MINS	36	6	6060	0	6	1.84	
								<b>TOTAL FLUSHED</b>	<b>89230</b>			

**CMV  
FLUSHING PROGRAM**

DATE \_\_\_\_\_  
OPERATOR \_\_\_\_\_

ZONE 2  
AREA 21 SHEET 2

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1139	MT. VIEW	FLOW HYDRANT V	3 MINS	14	5	3150	0	7	8.79	
2		1144	MT. VIEW	FLOW HYDRANT W	5 MINS	40	5	5300	0	6	7.05	
3		1150	MT VIEW	FLOW HYDRANT X	3 MINS	18	5	3550	0	7	9.35	
4		1155	MERCY	FLOW HYDRANT Y	3 MINS	38	6	6240	0	6	2.83	
5			VARIOUS	OPEN ALL VALVES EXCEPT 7 AND 12								
6			VARIOUS	CLOSE VALVES 16 THRU 25								
7		206	ESQUELA	FLOW HYDRANT Z	4 MINS	24	6	4920	0	7	4.34	
8		211	ECR	FLOW HYDRANT AA	5 MINS	36	7	7070	0	6	3.43	
9		219	ECR	FLOW HYDRANT BB	5 MINS	10	5	2650	0	7	3.3	
10		224	ECR	FLOW HYDRANT CC	4 MINS	36	5	5050	0	6	2.43	
11		231	ECR	FLOW HYDRANT DD	3 MINS	10	5	2650	0	7	2.71	
12		236	ECR	FLOW HYDRANT EE	5 MINS	32	6	5700	0	6	3.62	
13		243	ECR	FLOW HYDRANT FF	5 MINS	10	6	3180	0	7	13.9	
14		248	ECR	FLOW HYDRANT GG	5 MINS	46	7	7980	0.5	6	8.84	
15		256	ECR	FLOW HYDRANT HH	4 MINS	10	4	2120	0	7	16.6	
16		300	PALO ALTO	FLOW HYDRANT JJ	5 MINS	26	7	6020	0	6	4.12	
17		308	PALO ALTO	FLOW HYDRANT KK (STAY ON HYDRANT)	5 MINS	22	5	3950	0	7	18.7	
18			PALO ALTO	OPEN VALVE 22								
19		319	SNOW	CLOSE VALVES 13, 26								
20			PALO ALTO	FLOW HYDRANT KK	2 MINS	14	4	2520	0	7	11.7	
21			VARIOUS	OPEN VALVES 13, 21, 26								
								<b>TOTAL FLUSHED</b>				
								86470				

DATE \_\_\_\_\_  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 2  
 AREA 21 SHEET 3

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		329	SNOW	FLOW HYDRANT LL	8 MINS	38	9	9360	0.5	6	7.81	
2		340	MTN. VIEW	FLOW HYDRANT MM (STAY ON HYDRANT ) OPEN VALVE 23	2 MINS	20	5	3750	0	7	23	
3			MTN. VIEW									
4			MTN. VIEW	CLOSE VALVE 27								
5		350	MTN. VIEW	FLOW HYDRANT MM	2 MINS	14	4	2520	0	7	28.6	
6		355	MARIPOSA	FLOW HYDRANT NN	4 MINS	42	7	7630	0	6	3.31	
7			VARIOUS	OPEN VALVES 7, 12, 16, 17 18, 19, 20, 24, 25, 27								
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
								TOTAL FLUSHED	23260			

CMV  
FLUSHING PROGRAM

DATE

5/7/10

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 7, 1, 2, 3, 4, 8, 12, 13								
2		839	ESQUELA	FLOW HYDRANT A	13 MINS	10	13	6810	0	6	3.37	
3		850	MY. VERNON	FLOW HYDRANT B	6 MINS	40	8	8480	0	6	3.46	
4		901	ESQUELA	FLOW HYDRANT C	3 MINS	14	4	2520	0	6	2.97	
5		903	GAMEL	FLOW HYDRANT D	3 MINS	6	5	2050	0	6	1.9	
6		910	LATHAM	FLOW HYDRANT E	4 MINS	6	4	1640	0	6	8.88	
7		912	ESQUELA	FLOW HYDRANT F	4 MINS	36	5	5050	0	6	2.49	
8		919	LATHAM	FLOW HYDRANT G	4 MINS	12	4	2320	0	6	4.12	
9		923	LATHAM	FLOW HYDRANT H	3 MINS	44	3	333	0	6	3.66	
10		928	LATHAM	FLOW HYDRANT J	3 MINS	12	4	2320	0	6	2.99	
11		932	LATHAM	FLOW HYDRANT K	3 MINS	40	7	7420	0	6	2.82	
12		940	LATHAM	FLOW HYDRANT L	3 MINS	14	4	2520	0	6	1.37	
13		943	RENGSTORF	FLOW HYDRANT M	4 MINS	40	4	4240	0	6	2.22	
14		951	RENGSTORF	FLOW HYDRANT N	3 MINS	12	4	2320	0	6	8.87	
15		954	LATHAM	FLOW HYDRANT O	3 MINS	42	4	4360	0	6	4.84	
16		1000	LATHAM	FLOW HYDRANT P	3 MINS	12	5	2900	0	6	2.35	
17		1004	LATHAM	FLOW HYDRANT Q	3 MINS	38	5	5200	0	6	3.95	
18		1010	LATHAM	FLOW HYDRANT R	3 MINS	12	8	4640	0	6	7.55	
19		1016	ORTEGA	FLOW HYDRANT S	5 MINS	36	5	5050	0	6	3.79	
20		1024	ORTEGA	FLOW HYDRANT T	3 MINS	40	5	5300	0	6	16.1	
21		1027	LATHAM	FLOW HYDRANT U	4 MINS	34	5	4900	1	6	1.01	
22												
								TOTAL FLUSHED	83370			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1035	LATHAM	FLOW HYDRANT V	2 MINS	10	5	2650	0	6	4.87	
2		1037	LATHAM	FLOW HYDRANT W	2 MINS	20	5	3750	0	6	2.12	
3		1044	LATHAM	FLOW HYDRANT X	2 MINS	14	5	3150	0	6	4.87	
4		1047	SHOWERS	FLOW HYDRANT Y	5 MINS	30	5	4600	0	6	2.64	
5		1054	SHOWERS	FLOW HYDRANT Z	3 MINS	20	5	3750	0	6	8.52	
6			VARIOUS	OPEN VALVES 1, 2, 3, 4								
7			VARIOUS	CLOSE VALVES 5, 6, 11								
8		1154	ECR	FLOW HYDRANT AA	4 MINS	44	5	5550	5	6	5.14	
9		1157	ECR	FLOW HYDRANT BB	4 MINS	40	5	5300	0	6	1.3	
10		1204	ECR	FLOW HYDRANT CC	3 MINS	16	5	3350	0	6	5.38	
11		1207	ECR	FLOW HYDRANT DD	3 MINS	34	4	3920	0	6	0.46	
12		1214	ECR	FLOW HYDRANT EE	3 MINS	10	5	2850	0	6	19.5	
13		1218	ECR	FLOW HYDRANT FF	2 MINS	44	4	4440	0	6	1.32	
14		1224	ECR	FLOW HYDRANT GG	3 MINS	12	5	2900	0	6	3.96	
15		1227	ECR	FLOW HYDRANT HH	2 MINS	40	5	5300	0	6	1.33	
16		1234	ECR	FLOW HYDRANT JJ	4 MINS	14	5	3150	0	6	7.9	
17		1237	ECR	FLOW HYDRANT KK	3 MINS	40	5	4240	0	6	1.33	
18		1244	ECR	FLOW HYDRANT LL	4 MINS	44	5	5550	0	6	7.57	
19		1247	ECR	FLOW HYDRANT MM	4 MINS	24	4	3280	0	6	0.68	
20		1254	ECR	FLOW HYDRANT NN	6 MINS	14	4	2520	0	6	2.07	
21		1257	ECR	FLOW HYDRANT OO	3 MINS	42	4	4360	0	6	1.82	
22												
								TOTAL FLUSHED	79710			

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		104	ECR	FLOW HYDRANT PP	3 MINS	50	4	4760	0	6	3.97	
2		106	ECR	FLOW HYDRANT QQ	4 MINS	42	5	5450	0	6	1.06	
3		114	ECR	FLOW HYDRANT RR	4 MINS	14	4	2520	0	6	4.07	
4		116	ECR	FLOW HYDRANT SS	3 MINS	42	5	5450	0	6	1.04	
5		124	SAN ANTONIO	FLOW HYDRANT TT	7 MINS	18	7	4970	0	6	2.88	
6		129	SAN ANTONIO	FLOW HYDRANT UU	4 MINS	44	5	5550	0	6	0.51	
7		138	SAN ANTONIO	FLOW HYDRANT VV	1 MIN	16	4	2680	0	6	7.98	
8		140	ECR	FLOW HYDRANT WW	3 MINS	40	5	5300	0	6	1.49	
9		147	ECR	FLOW HYDRANT XX	5 MINS	10	4	2120	0	6	4.8	
10		150	ECR	FLOW HYDRANT YY	8 MINS	40	8	8480	0	6	1.14	
11			VARIOUS	OPEN VALVES 7, 11, 8, 12 13, 5, AND 6								
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED	47280			

CMV  
FLUSHING PROGRAM

DATE 5/1/10

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 2, 3, 5, 6, AND 8								
2		750	CALIFORNIA	FLOW HYDRANT A	5 MINS	20	5	3750	20			
3		757	CALIFORNIA	FLOW HYDRANT B	10 MINS	34	10	9800				
4		810	CALIFORNIA	FLOW HYDRANT C	7 MINS	20	7	5250	0.2			
5		816	ORTEGA	FLOW HYDRANT D	11 MINS	20	11	8250				
6		830	ORTEGA	FLOW HYDRANT E	3 MINS	16	3	2010	0.1			
7		832	ORTEGA	FLOW HYDRANT F	3 MINS	24	5	4100				
8		840	CALIFORNIA	FLOW HYDRANT G	5 MINS	20	5	3750	0.8			
9		845	CALIFORNIA	FLOW HYDRANT H	5 MINS	8	5	2400				
10		855	SHOWERS	FLOW HYDRANT K	2 MINS	20	5	3750	0.1			
11		857	SHOWERS	FLOW HYDRANT L	5 MINS	24	5	4100				
12		905	SHOWERS	FLOW HYDRANT M	5 MINS	20	5	3750	0.1			
13		909	SHOWERS	FLOW HYDRANT N	5 MINS	14	5	3150				
14			VARIOUS	OPEN VALVE 6 AND 5								
15			VARIOUS	CLOSE VALVES 4, 7, 9, 10, 11, AND 12								
16		1020	CALIFORNIA	FLOW HYDRANT J	2 MINS	20	5	3750	0.8			
17		1025	CALIFORNIA	FLOW HYDRANT J1	5 MINS	28	5	4450				
18		1030	CALIFORNIA	FLOW HYDRANT O	5 MINS	25	5	4300	0.2			
19		1035	CALIFORNIA	FLOW HYDRANT O1	5 MINS	28	5	4450				
20		1043	CALIFORNIA	FLOW HYDRANT P	5 MINS	55	5	6150	0.1			
21		1046	CALIFORNIA	FLOW HYDRANT P1	5 MINS	22	5	3950				
22												
TOTAL FLUSHED								84860				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1		1051	CALIFORNIA	FLOW HYDRANT Q	5 MINS	20	5	3750	0			
2		1054	CALIFORNIA	FLOW HYDRANT R	4 MINS	34	4	3920				
3		1105	CALIFORNIA	FLOW HYDRANT R1	3 MINS	20	5	3750	0.1			
4		1109	CALIFORNIA	FLOW HYDRANT S	3 MINS	34	5	4900				
5		1120	SAN ANTONIO	FLOW HYDRANT T	9 MINS	20	9	6750	0.9			
6		1124	MILLER	FLOW HYDRANT U	11 MINS	34	11	10780				
7		1140	MILLER	FLOW HYDRANT U1	5 MINS	20	5	3750	0.2			
8		1140	MILLER	FLOW HYDRANT V	6 MINS	28	6	5340				
9		1150	SAN ANTONIO	FLOW HYDRANT W	8 MINS	25	8	6880	0			
10		1156	SAN ANTONIO	FLOW HYDRANT X	7 MINS	32	7	6650				
11		1205	FAYETTE	FLOW HYDRANT Y	7 MINS	30	7	6440	0			
12		1210	FAYETTE	FLOW HYDRANT Z	3 MINS	14	4	2520				
13		1215	FAYETTE	FLOW HYDRANT Z1	3 MINS	30	3	2760	0.8			
14		1218	FAYETTE	FLOW HYDRANT AA	3 MINS	26	6	5160				
15			VARIOUS	OPEN VALVES 2, 3, 4, 7, 8, 9, 10, 11, AND 12								
16												
17												
18												
19												
20												
21												
22												
								TOTAL FLUSHED	73350			

CMV  
FLUSHING PROGRAM

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS	
1			VARIOUS	CLOSE VALVES 1, 2, 3, 4, 5, AND 6.									
2			ORTEGA	FLUSH HYDRANT A	5 MINS		7	7980	1.6	9.2	0.68		
3			GABRIAL	FLUSH HYDRANT B	4 MINS		6	7140	0.2	8.4	6		
4			GABRIAL	FLUSH HYDRANT C	4 MINS		10	10100	0.9	8.9	4.9		
5			SHOWERS	FLUSH HYDRANT D	5 MINS		10	13000	2.3	9	2.9		
6			ORTEGA	FLUSH HYDRANT E	4 MINS		7	1140	0.7	8.8	1.6		
7			MORA	FLUSH HYDRANT F	3 MINS		6	7800	2.4	9.1	1.8		
8			MORA	FLUSH HYDRANT G	3 MINS		14	15960	1	8.6	8.1		
9			ORTEGA	FLUSH HYDRANT H	3 MINS		5	5950	2.5	9.6	1.6		
10			TOWNE CIR.	FLUSH HYDRANT J	6 MINS		9	9540	0.3	9.2	3.9		
11			TOWNE CIR.	FLUSH HYDRANT K	6 MINS		10	11900	0.3	9	5.26		
12			TOWNE CIR.	FLUSH HYDRANT L	5 MINS		6	6660	0.5	8.8	2.4		
13			VARIOUS	OPEN VALVES 1, AND 2									
14			SHOWERS	FLOW HYDRANT M	10 MINS		10	11400	2.5	9.6	3.43		
15			SHOWERS	FLOW HYDRANT N	3 MINS		5	5550	0.4	9.8	4.6		
16			SHOWERS	FLOW HYDRANT O	3 MINS		6	6840	0.5	9.4	2.44		
17			SHOWERS	FLOW HYDRANT P	3 MINS		6	6660	0.4	9.1	4.4		
18			PACHETTI	FLOW HYDRANT Q	4 MINS		6	7140	0.1	9.5	3.08		
19			SHOWERS	FLOW HYDRANT R	2 MINS	5	5	5300	0.5	9.1	2.5		
20			SAN ANTONIO CIR.	FLOW HYDRANT S	7 MINS		10	10600	2.7	9.3	5.67		
21			VARIOUS	CLOSE VALVES 8, 9, 10, 11, 12, 13, 14, 15, 16									
22													
								150360					

TOTAL FLUSHED

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			PACETTI	FLOW HYDRANT T	2 MINS		5	5700	0.2	8.9	1.5	
2			FREEDOM	FLOW HYDRANT V	3 MINS		5	6500	0.1	9.4	4.28	
3			ALLY	FLOW HYDRANT W	7 MINS		7	5250	0.4	8.9	3.7	
4			SONDGROTH	FLOW HYDRANT X	5 MINS		6	7500	0.1	9.3	2.73	
5			CONCORD CIR.	FLOW HYDRANT Y	2 MINS		6	3480	0.3	8.9	1.4	
6			CONCORD CIR.	FLOW HYDRANT Z	3 MINS		5	6500	0.1	9.4	1.58	
7			LAUREL	FLOW HYDRANT AA	3 MINS		6	6840	1.4	9	1.7	
8			BEACON	FLOW HYDRANT BB	3 MINS		5	6500	0.1	9.4	1.82	
9			FREEDOM	OPEN VALVE 14								
10			BEACON	CLOSE VALVE 17								
11			BEACON	FLOW HYDRANT BB	3 MINS		7	8330	0.1	9.2	0.93	
12			SONDGROTH	FLOW HYDRANT CC	3 MINS		6	6360	1.5	9	1.6	
13			WHITS	FLOW HYDRANT DD	3 MINS							
14			SONDGROTH	FLOW HYDRANT EE	4 MINS		7	7420	0.4	9	0.7	
15			WHITS	OPEN VALVE 9								
16			WHITS	CLOSE VALVE 18								
17			SONDGROTH	FLOW HYDRANT EE	3 MINS		6	6660	0.3	8.9	1	
18			BEACON	OPEN VALVE 10								
19			BEACON	CLOSE VALVE 19								
20			SONDGROTH	FLOW HYDRANT CC	3 MINS		6	6840	0.3	9.1	2.7	
21												
22												
<b>TOTAL FLUSHED</b>								83930				

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISCHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS	
1			VARIOUS	OPEN VALVES 11, AND 12									
2			VARIOUS	CLOSE VALVES 10, 20									
3			SONDGROTH	FLUSH HYDRANT CC	6 MINS		6	6840	0.3	9.1	2.7		
4			PACHETTI	OPEN VALVE 6									
5			PACHETTI	CLOSE VALVE 12									
6			SONDGROTH	FLUSH HYDRANT CC			7	7070	0.6	8.8	0.8		
7			VARIOUS	OPEN VALVES 3, AND 16									
8			ALLY	CLOSE VALVE 21									
9			LAUREL	FLUSH HYDRANT AA	8 MINS		12	12720	0.2	8.9	2.3		
10			VARIOUS	OPEN VALVES 4, 5, 8, 10 12, 13, 15, 17, 18, 19, 20, 21									
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
								26630					

TOTAL FLUSHED

CMV  
FLUSHING PROGRAM

DATE

5/5/10

OPERATOR

ITEM	DISCHARGE TYPE	TIME	LOCATION	OPERATION	MIN FLUSH TIME	PITOT PSI	DISCHARGE DURATION/TIME FLUSHED	ESTIMATED GALLONS FLUSHED	CL2 RES.	Ph	DISHARGE TURBIDITY (NTU)	IMPLEMENTED BMPs & CORRECTIVE ACTIONS
1			VARIOUS	CLOSE VALVES 1, 2, 3								
2		914	DEL MEDIO AVE.	FLOW HYDRANT A	9 MINS	14	11	6930				
3		923	DEL MEDIO AVE.	FLOW HYDRANT B	10 MINS	40	12	12720				
4		937	DEL MEDIO AVE.	FLOW HYDRANT C	7 MINS	10	7	3710				
5		943	DEL MEDIO AVE.	FLOW HYDRANT D	6 MINS	40	9	9540				
6		954	DEL MEDIO	FLOW HYDRANT E	6 MINS	16	6	4020				
7		959	DEL MEDIO	FLOW HYDRANT F	4 MINS	40	7	7420				
8		1009	DEL MEDIO	FLOW HYDRANT G	6 MINS	16	6	4020				
9		1014	DEL MEDIO CT.	FLOW HYDRANT H	6 MINS	36	9	9090				
10		1020	VARIOUS	OPEN VALVES 1, 2, 3.								
11			NEW COMPLEX	CLOSE VALVES 4 AND 5								
12		1047	NEW COMPLEX	FLOW HYDRANT J	8 MINS	22	8	6320				
13		1054	NEW COMPLEX	FLOW HYDRANT K	8 MINS	40	11	11660				
14		1108	NEW COMPLEX	OPEN VALVES 4 AND 5								
15		1108	MONROE	FLOW BLOW OFF L								
16		1117	MONROE	FLOW HYDRANT M	6 MINS	14	14	8820				
17		1138	MONROE	FLOW BLOW OFF N								
18												
19												
20												
21												
22												
								TOTAL FLUSHED				89730

CITY OF MOUNTAIN VIEW DISCHARGE MONITORING

Planned Discharges of the Potable Water System **ZONE 4 AREA 3A**

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH	Discharge Turbidity (NTU)	Implemented BMPs & Corrective Actions
A	1	P.S.	4/13/2010	3min.	2460		0.3	7.6	17.5	MPK
B	1	P.S.	4/13/2010	4min.	4760		0.7	9	59.7	
D	1	P.S.	4/13/2010	7min.	8330		0.3	8.7	11.4	
E	1	P.S.	4/13/2010	7min.	6020		0.3	8.8	13.8	
F	1	P.S.	4/13/2010	7min.	6440		0.1	9	11	
G	1	P.S.	4/13/2010	10min.	10600		0.8	8.7	80.4	
H	1	P.S.	4/13/2010	7min.	9100		0.3	8.9	19.6	
J	1	P.S.	4/13/2010	7min.	7070		0	8.6	100	
K	1	P.S.	4/13/2010	6min.	6840		0.3	8.3	22.6	
L	1	P.S.	4/13/2010	5min.	5050		0.2	9	100	
M	1	P.S.	4/13/2010	6min.	6960		0.2	8.9	100	
O	1	P.S.	4/14/2010	4min.	5600		0.2	10.4	53	
P	1	P.S.	4/15/2010	3min.	3120		0.5	10.3	73.3	
Q	1	P.S.	4/16/2010	6min.	8400		0	9.8	100	
R	1	P.S.	4/17/2010	5min.	4600		0.2	10.3	10.8	
T	1	P.S.	4/18/2010	5min.	4300		0.3	10.3	32.8	
U	1	P.S.	4/19/2010	11min.	10780		0.5	10.4	26.3	
V	1	P.S.	4/20/2010	5min.	3150		0.3	10.6	35.8	
X	1	P.S.	4/21/2010	5min.	3550		0.4	10.5	56.2	
Y	1	P.S.	4/22/2010	7min.	6860		0.1	10.3	26	
Z, 475 Ellis	1	P.S.	4/23/2010	6min.	4920		0.4	10.2	31.6	
AA, 401 Ellis	1	P.S.	4/24/2010	10min.	10400		0.1	11	15.6	
BB, 401 Ellis	1	P.S.	4/25/2010	8min.	9520		0.3	10.3	29.2	

Receiving water monitoring data

Flushing Area

(NTU)

Sheet

DATE 4/14/10

CMV  
FLUSHING PROGRAM

OPERATOR

ZONE 4  
AREA 3A SHEET 1

ITEM	TIME	LOCATION	OPERATION	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		VARIOUS	CLOSE 1,2,3,4,5					*
2	8:00	WHISMAN	FLOW HYDRANT A	3 min	2460	-	24	
3		MIDDLEFIELD	FLOW HYDRANT B			-	<del>30</del>	
4	8:08	MIDDLEFIELD	FLOW HYDRANT C	6 min	5520	-	30	
5		MIDDLEFIELD	FLOW HYDRANT D					
6	8:22	MIDDLEFIELD	FLOW HYDRANT E	7 min	6020	-	26	
7		MIDDLEFIELD	FLOW HYDRANT F					
8	8:35	LOGUE	FLOW HYDRANT G	10 min	10600	-	40	
9		LOGUE	FLOW HYDRANT H					
10	8:51	MIDDLEFIELD	FLOW HYDRANT J	7 min	7070	-	36	
11		FERGUSON	FLOW HYDRANT K					
12	9:03	FERGUSON	FLOW HYDRANT L	5 min	5050	-	35	
13		FERGUSON	FLOW HYDRANT M					
14	9:17	FERGUSON	FLOW HYDRANT N	8 min	8080	-	35	
15		FERGUSON	OPEN VALVE #3					
16		WHISMAN	FLOW HYDRANT O					
17	9:45	WHISMAN	FLOW HYDRANT P	3	3120	-	38	
18		FAIRCHILD	FLOW HYDRANT Q					
19	9:55	FAIRCHILD	FLOW HYDRANT R	5	4600	-	30	NOT THERE
20		NATIONAL	FLOW HYDRANT S					
21	10:08	NATIONAL	FLOW HYDRANT T	6	4300	-	26	need TRIM
					TOTAL FLUSHED			59920

DATE 4/14/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 4  
 AREA 3A SHEET 2

ITEM	TIME	LOCATION	OPERATION	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		ELLIS	CLOSE 6					
2	1020	NATIONAL	FLOW HYDRANT U	11	10780	-	34	ISA FL moved to 455 National
3		FAIRCHILD	FLOW HYDRANT V					
4	1036	ELLIS	FLOW HYDRANT W	9	8820	-	34	
5		ELLIS	FLOW HYDRANT X					
6	1046	ELLIS	FLOW HYDRANT Y	7 min	6860	-	34	
7		ELLIS	FLOW HYDRANT Z					
8	1102	ELLIS	FLOW HYDRANT AA	10	10400	-	38	
9		ELLIS	FLOW HYDRANT BB					
10		VARIOUS	OPEN 1,2,4,5.					
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
					TOTAL FLUSHED			36860

DATE 4-13-10

OPERATOR 3641

CMV  
FLUSHING PROGRAM

ZONE 4  
AREA 3A SHEET 1

ITEM	TIME	LOCATION	OPERATION	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		VARIOUS	CLOSE 1,2,3,4,5					*
2		WHISMAN	FLOW HYDRANT A					
3	8:04	MIDDLEFIELD	FLOW HYDRANT B	4 min	4760	yes	50	
4		MIDDLEFIELD	FLOW HYDRANT C					
5	8:14	MIDDLEFIELD	FLOW HYDRANT D	7 min	8330	yes	50	
6		MIDDLEFIELD	FLOW HYDRANT E					
7	8:29	MIDDLEFIELD	FLOW HYDRANT F	7 min	6440	yes	30	
8		LOGUE	FLOW HYDRANT G					
9	8:44	LOGUE	FLOW HYDRANT H	7 min	9100	yes	60	
10		MIDDLEFIELD	FLOW HYDRANT J					
11	8:57	FERGUSON	FLOW HYDRANT K	6 min	6840	yes	46	
12		FERGUSON	FLOW HYDRANT L					
13	9:10	FERGUSON	FLOW HYDRANT M	6 min	6960	yes	48	
14		FERGUSON	FLOW HYDRANT N					
15		FERGUSON	OPEN VALVE #3					
16	9:40	WHISMAN	FLOW HYDRANT O	4 min	5600	yes	70	
17		WHISMAN	FLOW HYDRANT P					
18	9:49	FAIRCHILD	FLOW HYDRANT Q	6 min	8400	yes	70	
19		FAIRCHILD	FLOW HYDRANT R					
20	9:59	NATIONAL	FLOW HYDRANT S	4 min	3920		34	
21		NATIONAL	FLOW HYDRANT T					
					TOTAL FLUSHED			60350

TOTAL 171860

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	TIME	LOCATION	OPERATION	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		ELLIS	CLOSE 6					
2		NATIONAL	FLOW HYDRANT U					
3	V 10:30	FAIRCHILD	FLOW HYDRANT V	5min	3150	YES	14	
4		ELLIS	FLOW HYDRANT W					
5	X 10:40	ELLIS	FLOW HYDRANT X	5min	3550	YES	18	
6		ELLIS	FLOW HYDRANT Y					
7	Z 10:57	ELLIS	FLOW HYDRANT Z	6min	4920	YES	24	
8		ELLIS	FLOW HYDRANT AA					
9	Bb 11:11	ELLIS	FLOW HYDRANT BB	2min	9520	YES	50	
10		VARIOUS	OPEN 1,2,4,5.					
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
TOTAL FLUSHED					2140			

CITY OF MOUNTAIN VIEW DISCHARGE MONITORING

Planned Discharges of the Potable Water System **ZONE 4 AREA 3B**

Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH	Discharge Turbidity (NTU)	Implemented BMPs & Corrective Actions
CC, 599 Fairchild	1	P.S.	4/13/2010	8min.	7360		0.1	10.4	78.2	MPK
DD, 685 Clyde	1	P.S.	4/14/2010	7min.	7770		0.2	10.4	65.8	
EE, 633 Clyde	1	P.S.	4/15/2010	6min.	7140		0.2	10.1	100	
HH, 635 Clyde	1	P.S.	4/16/2010	5min.	4900		0.2	10.1	22.1	
JJ, 495 Clyde	1	P.S.	4/17/2010	5min.	6800		0	10.7	32.6	
JJ, 495 Clyde	1	P.S.	4/18/2010	5min.	6700		0.2	11	24.3	
KK, 441 Clyde	1	P.S.	4/19/2010	5min.	4500		0.2	11.1	31.7	
LL, 425 Clyde	1	P.S.	4/20/2010	5min.	4600		0.1	11	28.7	
NN, 800 Maude	1	P.S.	4/21/2010	5min.	5950		0.2	10.8	33.5	
OO, 430 Louge	1	P.S.	4/22/2010	9min.	8820		0.2	11	22.2	
PP, 530 Louge	1	P.S.	4/23/2010	5min.	5550		0.1	11	51.6	
QQ, 237& Maude	1	P.S.	4/24/2010	5min.	4600		0.1	10.5	21	
SS, 805 Bernardo	1	P.S.	4/25/2010	5min.	4300		0.2	10.4	29.1	
VV, 465 Bernardo	1	P.S.	4/26/2010	5min.	4600		0.1	9.8	40.8	
XX, 380 Bernardo	1	P.S.	4/27/2010	5min.	4900		0.1	9.8	20	
ZZ, 453 Ravendale	1	P.S.	4/28/2010	5min.	4600		0.2	10.2	43.7	
AAA, 385 Ravendale	1	P.S.	4/29/2010	5min.	4600		0.2	10.3	28.1	
BBB, 303 Ravendale	1	P.S.	4/30/2010	8min.	7600		0.2	10.7	31.4	
CCC, 303 Ravendale	1	P.S.	5/1/2010	5min.	4600		0.2	10	23.8	
DDD, 453 Ravendale	1	P.S.	5/2/2010	5min.	5950		0.2	10.1	42.4	

Receiving water monitoring data

Flushing Area

(NTU)

Sheet

DATE 4-13-10  
 OPERATOR 364

CMV  
 FLUSHING PROGRAM

ZONE 4  
 AREA 3B SHEET 1

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		VARIOUS	CLOSE 2,4,6						
2	12:28	CLYDE	FLOW HYDRANT CC	5 MIN	8 AM	7360	yes	30	
3		CLYDE	FLOW HYDRANT DD	5 MIN					
4	12:14	CLYDE	FLOW HYDRANT EE	5 MIN	6 AM	7140	yes	50	
5		CLYDE CT.	FLOW HYDRANT FF	5 MIN					
6	12:57	CLYDE	FLOW HYDRANT GG	5 MIN	6 AM	5520	yes	30	
7		CLYDE	FLOW HYDRANT HH	5 MIN					
8	1:09	CLYDE	FLOW HYDRANT JJ	5 MIN	5 AM	6800	yes	66	
9		ELLIS	OPEN 6						
10		CLYDE	CLOSE 9						
11	1:22	CLYDE	FLOW HYDRANT JJ	5 MIN	5 AM	6700	yes	64	
12		CLYDE	FLOW HYDRANT KK	5 MIN					
14	1:32	CLYDE	FLOW HYDRANT LL	5 MIN	5 AM	4600	yes	30	
15		MAUDE	FLOW HYDRANT MM	5 MIN					
16	1:43	MAUDE	FLOW HYDRANT NN	5 MIN	5 AM	5950	yes	50	
17		LOGUE	FLOW HYDRANT OO	5 MIN					
18	1:56	LOGUE	FLOW HYDRANT PP	5 MIN	5 AM	5550	yes	44	
19		VARIOUS	OPEN 2,4,9						
20		VARIOUS	CLOSE 5,10						
21	2:17	MAUDE	FLOW HYDRANT QQ	5 MIN	5 AM	4600	yes	30	
						TOTAL FLUSHED			54220



ZONE 4  
AREA 3B SHEET 2

CMV  
FLUSHING PROGRAM

DATE \_\_\_\_\_

OPERATOR \_\_\_\_\_

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH TIME	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		E. MIDDLEFIELD	FLOW HYDRANT RR	15 MIN					
2	2:56	BERNARDO	FLOW HYDRANT SS	5 MIN	5min	4300	Yes	26	
3		BERNARDO	FLOW HYDRANT TT	5 MIN					
4	2:48	BERNARDO	FLOW HYDRANT UU	5 MIN	5min	4400	Yes	34	
5		BERNARDO	FLOW HYDRANT VV	5 MIN					
6	2:58	BACK ON PROPERTY	FLOW HYDRANT WW	5 MIN	5min	5550	Yes	44	
7		BERNARDO	FLOW HYDRANT XX	5 MIN					
8	3:08	RAVENDALE	FLOW HYDRANT YY	5 MIN	5min	6250	Yes	56	
9		RAVENDALE	FLOW HYDRANT ZZ	5 MIN					
10	3:18	RAVENDALE	FLOW HYDRANT AAA	5 MIN	5min	4600	Yes	30	
11		RAVENDALE	FLOW HYDRANT BBB	5 MIN					
12	3:27	RAVENDALE	FLOW HYDRANT CCC	5 MIN	5min	4600	Yes	30	
13		RAVENDALE	OPEN 5						
14	3:11	RAVENDALE	FLOW HYDRANT DDD	5 MIN	5min	5950	Yes	50	
15		VARIOUS	OPEN 10						
16									
17									
18									
19									
20									
21									
						TOTAL FLUSHED	36150		

DATE 5/11/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 4  
 AREA 3B SHEET 1

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1	✓	VARIOUS	CLOSE 2,4,6						
2		CLYDE	FLOW HYDRANT CC	5 MIN					
3	- 1237	CLYDE	FLOW HYDRANT DD	5 MIN	7	7770	✓	44	
4		CLYDE	FLOW HYDRANT EE	5 MIN					
5	- 1251	CLYDE CT.	FLOW HYDRANT FF	5 MIN	6	6660	✓	44	
6		CLYDE	FLOW HYDRANT GG	5 MIN					
7	- 104	CLYDE	FLOW HYDRANT HH	5 MIN	5	4900	✓	34	
8		CLYDE	FLOW HYDRANT JJ	5 MIN					
9	-	ELLIS	OPEN 6						
10	-	CLYDE	CLOSE 9						
11		CLYDE	FLOW HYDRANT JJ	5 MIN					
12	- 128	CLYDE	FLOW HYDRANT KK	5 MIN	5	4900	-	34	
14		CLYDE	FLOW HYDRANT LL	5 MIN					
15	- 138	MAUDE	FLOW HYDRANT MM	5 MIN	5	3750	-	20	
16		MAUDE	FLOW HYDRANT NN	5 MIN					
17	- 148	LOGUE	FLOW HYDRANT OO	5 MIN	9	8820	-	34	
18		LOGUE	FLOW HYDRANT PP	5 MIN					
19	-	VARIOUS	OPEN 2,4,9						
20	-	VARIOUS	CLOSE 5,10						
21		MAUDE	FLOW HYDRANT QQ	5 MIN					
						<b>TOTAL FLUSHED</b>			
						<b>36800</b>			

TOTAL  
 171630

DATE 8/14/10  
 OPERATOR \_\_\_\_\_

CMV  
 FLUSHING PROGRAM

ZONE 4  
 AREA 3B SHEET 2

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH TIME	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1	2:23	E. MIDDLEFIELD	FLOW HYDRANT RR	15 MIN	15 min	13800	-	30	
2		BERNARDO	FLOW HYDRANT SS	5 MIN					
3	4:43	BERNARDO	FLOW HYDRANT TT	5 MIN	5 min	2650	-	10	
4		BERNARDO	FLOW HYDRANT UU	5 MIN					
5	4:53	BERNARDO	FLOW HYDRANT VV	5 MIN	5 min	4600	-	30	
6		BACK ON PROPERTY	FLOW HYDRANT WW	5 MIN					
7	4:53	BERNARDO	FLOW HYDRANT XX	5 MIN	5 min	4900	-	34	
8		RAVENDALE	FLOW HYDRANT YY	5 MIN					
9	4:53	RAVENDALE	FLOW HYDRANT ZZ	5 MIN	5 min	4600	-	30	
10		RAVENDALE	FLOW HYDRANT AAA	5 MIN					
11	4:53	RAVENDALE	FLOW HYDRANT BBB	5 MIN	8 min	7600	-	32	
12		RAVENDALE	FLOW HYDRANT CCC	5 MIN					
13		RAVENDALE	OPEN 5						
14		RAVENDALE	FLOW HYDRANT DDD	5 MIN					
15		VARIOUS	OPEN 10						
16									
17									
18									
19									
20									
21									
						TOTAL FLUSHED			38150



ZONE 4  
AREA 4 SHEET 1

CMV  
FLUSHING PROGRAM

DATE 4-14-10

OPERATOR 364

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1		MAGNOLIA	CLOSE VALVES 1 AND 3						
2		FERGUSON	CLOSE VALVE 2						
3		KENT	CLOSE VALVE 4						
4			FLOW HYDRANT A						
5	B 8:03	KENT	FLOW HYDRANT B		3 min	2760	YES	30	
6		KENT	FLOW HYDRANT C						
7	D 8:12	KENT	FLOW HYDRANT D		5 min	3350	YES	16	
8		WHISMAN PARK DR.	FLOW HYDRANT E						
9	F 8:20	WHISMAN PARK DR.	FLOW HYDRANT F		1/2 min	2670	YES	16	
10			FLOW HYDRANT G						
11	H 8:29	NICOLAS	FLOW HYDRANT H		3 min	2370	YES	22	
12		NICOLAS	FLOW HYDRANT J						
13	K 8:36	NICOLAS	FLOW HYDRANT K		3 min	1590	YES	10	
14		MAGNOLIA	FLOW HYDRANT L						
15		MAGNOLIA	OPEN VALVES 1, AND 3						
16			CLOSE VALVE 5						
17		WHISMAN PARK DR.	CLOSE VALVE 6						
18	M 8:53		FLOW HYDRANT M		6 min	4740	YES	22	
19			OPEN VALVES 2,4,5,6.						
20									
21									
						TOTAL FLUSHED			17480

ZONE 4  
AREA 4 SHEET 1

CMV  
FLUSHING PROGRAM

DATE 4/14/10

OPERATOR 340

ITEM	TIME	LOCATION	OPERATION	MIN FLUSH	FLUSH TIME	K. GALS FLUSHED	CL2 RES	PITOT PSI	WATER COND. AND OTHER NOTES
1	715	MAGNOLIA	CLOSE VALVES 1 AND 3						
2	↓	FERGUSON	CLOSE VALVE 2						
3	745	KENT	CLOSE VALVE 4						
4	8:00		FLOW HYDRANT A	3		3120	-	38	
5		KENT	FLOW HYDRANT B						
6	8:07	KENT	FLOW HYDRANT C	5		4200	-	25	
7		KENT	FLOW HYDRANT D						
8	8:18	WHISMAN PARK DR.	FLOW HYDRANT E	3		2370	-	22	
9		WHISMAN PARK DR.	FLOW HYDRANT F						
10	8:28		FLOW HYDRANT G	4		3950	-	22	
11		NICOLAS	FLOW HYDRANT H						
12	8:33	NICOLAS	FLOW HYDRANT J	3		2250	-	20	
13		NICOLAS	FLOW HYDRANT K						
14	8:39	MAGNOLIA	FLOW HYDRANT L	3		2940	-	34	
15		MAGNOLIA	OPEN VALVES 1, AND 3						
16			CLOSE VALVE 5						
17		WHISMAN PARK DR.	CLOSE VALVE 6						
18			FLOW HYDRANT M						
19	9:20 AM		OPEN VALVES 2,4,5,6.						
20									
21									
						TOTAL FLUSHED	18830		

Total 340 and 364  
3630