

City of Pleasant Hill

September 16, 2013

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

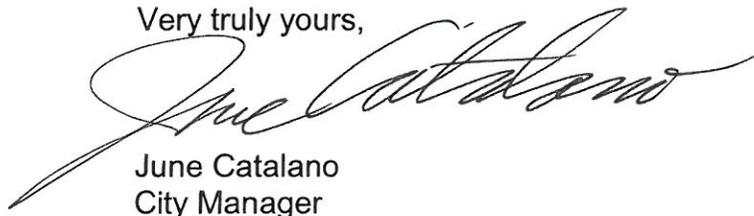
Ms. Pamela Creedon, Executive Officer
California Regional Water Quality Control Board
Central Valley Region
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Dear Mr. Wolfe and Ms. Creedon:

Enclosed is the 2012 - 2013 Annual Report for the City of Pleasant Hill, which is required by and in accordance with Provision C.16 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board and/or by Provision C.13 in NPDES Permit Number CA0083313 issued by the Central Valley Regional Water Quality Control Board.

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

Very truly yours,

A handwritten signature in black ink, appearing to read "June Catalano", written in a cursive style.

June Catalano
City Manager

Enclosure

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ATTACHMENT B

Table of Contents

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

Permittee Name: City of Pleasant Hill

Section 1 – Permittee Information

| Background Information | | | |
|--|--|--------------------|-----------------------|
| Permittee Name: | City of Pleasant Hill | | |
| Population: | 33,000 | | |
| NPDES Permit No.: | CAS612008 | | |
| Order Number: | R2-2009-0074 | | |
| Reporting Time Period (month/year): | July 2012 through June 2013 | | |
| Name of the Responsible Authority: | June Catalano | Title: | City Manager |
| Mailing Address: | 100 Gregory Lane | | |
| City: | Pleasant Hill | Zip Code: | 94523 |
| County: | Contra Costa | | |
| Telephone Number: | (925) 671-5267 | Fax Number: | (925) 680-0294 |
| E-mail Address: | jcatalano@ci.pleasant-hill.ca.us | | |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Roderick Wui, PE, CFM, QSD | Title: | Senior Civil Engineer |
| Department: | Public Works and Community Development | | |
| Mailing Address: | 100 Gregory Lane | | |
| City: | Pleasant Hill | Zip Code: | 94523 |
| County: | Contra Costa | | |
| Telephone Number: | (925) 671-5261 | Fax Number: | (925) 676-1125 |
| E-mail Address: | rwui@ci.pleasant-hill.ca.us | | |

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:
 Refer to the C.2 Municipal Operations section of the CCCWP's FY 12-13 Annual Report for a description of activities implemented at the countywide and/or regional level.

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

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

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

Comments: none

Permittee Name: City of Pleasant Hill

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

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

| | |
|---|---|
| Y | 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 |
| Y | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs |

Comments: none

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

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

| | |
|----|--|
| Y | Control of discharges from bridge and structural maintenance activities directly over water or into storm drains |
| Y | Control of discharges from graffiti removal activities |
| Y | Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities |
| Y | Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal |
| Y | Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities. |
| NA | Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities. |

Comments:
These activities were not performed by contract services during this reporting period.

| C.2.d. ► Stormwater Pump Stations | | | | | | |
|---|---|---------------------------------------|--|-------------------------------------|---|--|
| Does your municipality own stormwater pump stations: | | | | | | |
| | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> | No | | |
| If your answer is No then skip to C.2.e. | | | | | | |
| Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt. | | | | | | |
| Pump Station Name and Location | First inspection Dry Weather DO Data | | Second inspection Dry Weather DO Data | | | |
| | Date | mg/L | Date | mg/L | | |
| NA | NA | NA | NA | NA | | |
| Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions: NA | | | | | | |
| Summary: NA | | | | | | |
| Attachments: | | | | | | |
| Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations): | | | | | | |
| Pump Station Name and Location | Date (2x/year required) | Presence of Trash (Cubic Yards) | Presence of Odor (Yes or No) | Presence of Color (Yes or No) | Presence of Turbidity (Yes or No) | Presence of Floating Hydrocarbons (Yes or No) |
| NA | NA | NA | NA | NA | NA | NA |

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

| C.2.e. ► Rural Public Works Construction and Maintenance | | | |
|--|--|-----|--|
| Does your municipality own/maintain rural ² roads: | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> No |
| If your answer is No then skip to C.2.f. | | | |
| Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken. | | | |
| <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: NA | | | |

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

Permittee Name: City of Pleasant Hill

| C.2.f. ► Corporation Yard BMP Implementation | | | |
|---|---|-----------------------------|---------------------------|
| Place an X in the boxes below that apply to your corporations yard(s): | | | |
| <input type="checkbox"/> | We do not have a corporation yard | | |
| <input type="checkbox"/> | Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit | | |
| <input checked="" type="checkbox"/> | We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s) | | |
| Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below: | | | |
| <input checked="" type="checkbox"/> | Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment | | |
| <input checked="" type="checkbox"/> | Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system | | |
| <input checked="" type="checkbox"/> | Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method | | |
| <input checked="" type="checkbox"/> | Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used | | |
| <input checked="" type="checkbox"/> | Cover and/or berm outdoor storage areas containing waste pollutants | | |
| Comments: none | | | |
| If you have a corporation yard(s) that is not an NOI facility , complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information: | | | |
| Corporation Yard Name | Inspection Date (1x/year required) | Inspection Findings/Results | Follow-up Actions |
| Pleasant Hill Corpyard | October 2, 2012 | Facilities operating OK | No modification necessary |
| | | | |
| | | | |
| | | | |

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

C.3.b.v.(2)(a) ► Green Streets Status Report

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

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

Summary:

The C.3 New Development and Redevelopment section of the CCCWP's FY 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:

BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

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

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

Permittee Name: City of Pleasant Hill

| C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c. | | | |
|--|---|------------|-----------|
| (For FY 11-12 Annual Report and each Annual Report thereafter) Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.? | X | Yes | No |
| Comments (optional): | | | |

| C.3.e.vi ► Special Projects Reporting | | | |
|--|--|------------|-----------|
| 1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)? | | Yes | No |
| 2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table. | | Yes | No |
| If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. NA | | | |

| 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: Previously, the City only had one active C.3 site (residential) with C.3 facilities privately owned and maintained by residents. During the annual inspection, the City Inspector did not notice anything unusual. A report of the findings is available at City Hall. Because these facilities are maintained by residents, this site will remain a priority site, and will be inspected every 1-2 years. |

Permittee Name: City of Pleasant Hill

(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:
 Two commercial projects with C.3 facilities became active during the previous period. The In N Out restaurant and the Safeway remodel both contain C.3 facilities, which are operated and maintained by the business (rather than the property owner). Because these facilities are professionally maintained, these are not priority site, and will be inspected on a 3-5 year basis.

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

| | | | | | | |
|--|---|-----|--|----|--|---|
| • Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? | X | Yes | | No | | Not applicable. No new facilities were installed. |
| • Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? ³ | X | Yes | | No | | Not applicable. No treatment measures |
| • Inspect at least 20 percent of the total number of installed vault-based systems? | X | Yes | | No | | Not applicable. No vault systems. |

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

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:
 The Contra Costa Clean Water Program adopted a December 1, 2012 addendum to the *Stormwater C.3 Guidebook, 6th Edition*. The addendum, "Preparing a Stormwater Control Plan for a Small Land Development Project," includes step-by-step instructions, a project data form, and standard specifications for runoff reduction measures. The City's stormwater ordinance requires that applications for development approvals for projects subject to the permit's new development requirements include a Stormwater Control Plan meeting the criteria in the most recent version of the *Stormwater C.3 Guidebook*.

³ If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

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 ¹⁰ , Street Address | Name of Developer | Project Phase No. ¹¹ | Project Type & Description ¹² | Project Watershed ¹³ | Total Site Area (Acres) | Total Area of Land Disturbed (Acres) | Total New Impervious Surface Area (ft ²) ¹⁴ | Total Replaced Impervious Surface Area (ft ²) ¹⁵ | Total Pre- Project Impervious Surface Area ¹⁶ (ft ²) | Total Post- Project Impervious Surface Area ¹⁷ (ft ²) |
|-----------------------------|--|--|---------------------------------------|---|---------------------------------|-------------------------------|--|---|---|---|--|
| Private Projects | | | | | | | | | | | |
| Pleasant Oaks Park | Hawthorne Drive and Monticello Avenue | Pleasant Hill Recreation and Park District | NA | Redevelopment – demolition of existing site and new construction of sports fields and parking lot | Grayson Creek | 11.8 | 11.8 | 68,885 | 22,000 | 33,000 | 90,885 |
| Dick's Sporting Goods | Buskirk Avenue | SyWest | NA | Redevelopment – demolition of existing site and new construction of building and parking lot | Grayson Creek | 6.1 | 5.6 | 872 | 237,837 | 259,618 | 238,709 |
| Public Projects | | | | | | | | | | | |
| Buskirk Avenue | Buskirk Avenue | City of PH | NA | Redevelopment - Realignment of roadway | Grayson Creek | 7.2 | 5.3 | 50,657 | 198,260 | 363,692 | 248,917 |
| Comments: none | | | | | | | | | | | |

¹⁰ Include cross streets

¹¹ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹² 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.

¹³ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁴ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁵ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ 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 (private projects)

| Project Name Project No. | Application Deemed Complete Date ¹⁸ | Application Final Approval Date ¹⁹ | Source Control Measures ²⁰ | Site Design Measures ²¹ | Treatment Systems Approved ²² | Type of Operation & Maintenance Responsibility Mechanism ²³ | Hydraulic Sizing Criteria ²⁴ | Alternative Compliance Measures ^{25/26} | Alternative Certification ²⁷ | HM Controls ^{28/29} |
|-----------------------------|--|---|--|---|--|--|---|--|---|---|
| Private Projects | | | | | | | | | | |
| Pleasant Oaks Park | 09/05/12 | 11/02/12 | Storm drain stenciling, efficient irrigation | Minimize impervious areas, permeable surfaces | Bio-swale | O&M Agreement with Private property owner | 2c | NA | NA | HM controls provided by bioretention area |
| Dick's Sporting Goods | 03/07/13 | 11/02/12 | Storm drain stenciling, efficient irrigation | Conserve existing trees and vegetation | Bio-swale | O&M Agreement with Private property owner | 2c | NA | NA | No HM controls since no increase in impervious surface area |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Comments: none | | | | | | | | | | |

¹⁸ For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹ For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁰ 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.

²¹ 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.

²² 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.).

²³ 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.

²⁴ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁵ 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.

²⁶ 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.

²⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸ If HM control is not required, state why not.

²⁹ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

| Project Name Project No. | Approval Date ³⁰ | Date Construction Scheduled to Begin | Source Control Measures ³¹ | Site Design Measures ³² | Treatment Systems Approved ³³ | Operation & Maintenance Responsibility Mechanism ³⁴ | Hydraulic Sizing Criteria ³⁵ | Alternative Compliance Measures ^{36/37} | Alternative Certification ³⁸ | HM Controls ^{39/40} |
|-----------------------------|--------------------------------|---|---|---------------------------------------|--|---|--|--|--|---|
| Public Projects | | | | | | | | | | |
| Buskirk Avenue | 03/04/13 | 05/05/13 | Storm drain stenciling, efficient irrigation | Minimize impervious areas | Bio-swale | Public system | 2c | NA | NA | No HM controls since no increase in impervious surface area |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Comments: none | | | | | | | | | | |

³⁰ For public projects, enter the plans and specifications approval date.

³¹ 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.

³² 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.

³³ 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.).

³⁴ List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁵ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁶ 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.

³⁷ 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.

³⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹ If HM control is not required, state why not.

⁴⁰ 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. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

| Name of Facility/Site Inspected | Address of Facility/Site Inspected | Newly Installed? (YES/NO)⁴¹ | Party Responsible⁴² For Maintenance | Date of Inspection | Type of Inspection⁴³ | Type of Treatment/HM Control(s) Inspected⁴⁴ | Inspection Findings or Results⁴⁵ | Enforcement Action Taken⁴⁶ | Comments/Follow-up |
|---|---|---|---|---------------------------|--|---|--|--|--|
| Hidden Creek Estates | 10, 11, 20, 21, 31 Ava Lane | No | Private Property Owners | 10/23/12 | Routine | Bio-retention | Proper O&M | None | Priority site (every 1-2 yrs) Consultant and City staff inspection |
| Safeway | 707 Contra Costa Blvd | No | Lessee | 02/16/12 | Initial | Bio-retention | Proper installation | None | Not inspected this year, Low Priority (every 3-5 yrs) |
| In N Out Burger | 570 Contra Costa Blvd | No | Lessee | 05/16/12 | Initial | Bio-retention | Proper installation | None | Not inspected this year, Low Priority (every 3-5 yrs) |
| Pleasant Hill Recreation & Park District Senior & Teen Center | 233 Gregory Lane | Yes | Private Property Owner | 10/16/12 | Initial | Bio-retention | Proper installation | None | City staff |
| | | | | | | | | | |
| | | | | | | | | | |

⁴¹ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

⁴³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

⁴⁴ 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.

⁴⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁶ State the enforcement action(s) taken, if any.

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

Reporting Period – January 1 – June 30, 2013

| Project Name & No. | Permittee | Address | Application Submittal Date ⁴⁷ | Status ⁴⁸ | Description ⁴⁹ | Site Total Acreage | Density DU/Acre | Density FAR | Special Project Category ⁵⁰ | LID Treatment Reduction Credit Available ⁵¹ | List of LID Stormwater Treatment Systems ⁵² | List of Non-LID Stormwater Treatment Systems ⁵³ |
|--------------------|-----------|---------|--|----------------------|---------------------------|--------------------|-----------------|-------------|--|--|---|---|
| NA | NA | NA | NA | NA | NA | NA | NA | NA | Category A: Category B: Category C: Location: Density: Parking: | Category A: Category B: Category C: Location: Density: Parking: | Indicate each type of LID treatment system and the percentage of total runoff treated | Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received |
| | | | | | | | | | | | | |

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

⁴⁹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵¹ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁵² List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁵³ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Permittee Name: City of Pleasant Hill

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

| |
|---|
| Program Highlights |
| Provide background information, highlights, trends, etc. |
| Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 12-13 Annual Report for a description of activities of the CCCWP's Municipal Operations Committee and/or the BASMAA Municipal Operations Committee. |

| |
|---|
| C.4.b.i. ► Business Inspection Plan |
| Do you have a Business Inspection Plan? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If No, explain: |

| |
|---|
| C.4.b.iii.(1) ► Potential Facilities List |
| List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff. |
| See attachment. |

| |
|---|
| C.4.b.iii.(2) ► Facilities Scheduled for Inspection |
| List below or attach your list of facilities scheduled for inspection during the current fiscal year. |
| See attachment. |

Permittee Name: City of Pleasant Hill

C.4.c.iii.(1) ▶ Facility Inspections

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

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Permittee reports multiple discrete violations on a site as one violation. |
| <input type="checkbox"/> | Permittee reports the total number of discrete violations on each site. |

| | Number | Percent |
|---|--------|---------|
| Number of businesses inspected | 64 | |
| Total number of inspections conducted | 95 | |
| Number of violations (excluding verbal warnings) | 7 | |
| Sites inspected in violation | 7 | 100% |
| Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner | 7 | 100% |
| Comments: none | | |

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

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

| Type/Category of Violations Observed | Number of Violations |
|---|----------------------|
| Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge) | 4 |
| Potential discharge and other | 3 |
| Comments: none | |

Permittee Name: City of Pleasant Hill

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

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

| | Enforcement Action (as listed in ERP) ⁴⁸ | Number of Enforcement Actions Taken | % of Enforcement Actions Taken⁴⁹ |
|--------------|---|--|--|
| Level 1 | Warning Notice/Education | 4 | 57% |
| Level 2 | Notice of Violation | 3 | 43% |
| Level 3 | Formal Enforcement | 0 | 0% |
| Level 4 | Legal Action | 0 | 0% |
| Total | | | |

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

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

| Business Category⁵⁰ | Number of Actual Discharge Violations | Number of Potential/Other Discharge Violations |
|---------------------------------------|--|---|
| Assisted Living | 0 | 1 |
| Contractor | 2 | 0 |
| Food Service | 1 | 2 |
| Property Management | 1 | 0 |
| | | |
| | | |
| | | |

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:

No industries were identified as non-filers during scheduled inspections during the reporting period.

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰ List your Program's standard business categories.

Permittee Name: City of Pleasant Hill

| C.4.d.iii ▶ Staff Training Summary | | | | |
|---|-----------------------|--|--|--|
| Training Name | Training Dates | Topics Covered | No. of Inspectors in Attendance | Percent of Inspectors in Attendance |
| Commercial/Industrial Stormwater Inspection Training Workshop | May 16, 2013 | <ul style="list-style-type: none"> • What you can and cannot do in a creek • State General Industrial Permit Reissuance • Management and cleanup of PCBs • Field trip/training on how to inspect a large water park including restaurant, parking, shopping and entertainment facilities | 7 | 78% |
| CWEA Pretreatment, Pollution Prevention, and Stormwater Annual Conference | February 25-27, 2013 | <ul style="list-style-type: none"> • Stormwater BMPs • Inspector training sessions • Outreach | 7 | 78% |
| CWEA Labs 101 – Back to Basics | June 6, 2013 | <ul style="list-style-type: none"> • Good sampling methods • Sample handling | 6 | 67% |
| CWEA – NRTC including Plan Review 101 | September 12-13, 2012 | <ul style="list-style-type: none"> • Stormwater education and outreach • Plan reviews | 6 | 67% |
| CWEA Annual Conference | April 17-19, 2013 | <ul style="list-style-type: none"> • Inspector training • Stormwater BMPs • Outreach | 3 | 22% |
| CalEPA Basic Inspector Academy | June 10-13, 2013 | <ul style="list-style-type: none"> • Investigation • Evidence • Witness testimony • Case development • Interagency coordination | 1 | 11% |

Permittee Name: City of Pleasant Hill

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

| |
|---|
| Program Highlights |
| Provide background information, highlights, trends, etc. |
| Refer to the C.5 Illicit Discharge Detection and Elimination section of CCCWP's FY 12-13 Annual Report for description of activities conducted at the countywide or regional level of behalf of all Permittees. |

| 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. | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Contact</th> <th>Description</th> <th>Phone Number</th> </tr> </thead> <tbody> <tr> <td>Rod Wui</td> <td>Senior Civil Engineer</td> <td>(925) 671-5261</td> </tr> <tr> <td>Jay Lewis</td> <td>Code Enforcement Officer</td> <td>(925) 671-5207</td> </tr> <tr> <td>Mike Moore</td> <td>Maintenance Supervisor</td> <td>(925) 671-5244</td> </tr> </tbody> </table> | Contact | Description | Phone Number | Rod Wui | Senior Civil Engineer | (925) 671-5261 | Jay Lewis | Code Enforcement Officer | (925) 671-5207 | Mike Moore | Maintenance Supervisor | (925) 671-5244 |
| Contact | Description | Phone Number | | | | | | | | | | |
| Rod Wui | Senior Civil Engineer | (925) 671-5261 | | | | | | | | | | |
| Jay Lewis | Code Enforcement Officer | (925) 671-5207 | | | | | | | | | | |
| Mike Moore | Maintenance Supervisor | (925) 671-5244 | | | | | | | | | | |

| |
|---|
| 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. |
| <p>Description:</p> <p>City staff responds to complaints of illicit discharges, and require the BMPs recommended by the BASMAA Mobile Surface Cleaners Program. Refer to the C.5 Illicit Discharge Detection and Elimination section of the CCCWP's FY 12-13 Annual Report for a description of efforts by the CCCWP's Municipal Operations Committee and the BASMAA Municipal Operations Committee to address mobile businesses.</p> |

| |
|--|
| 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. |
| <p>Description:</p> <p>The City mapped its storm drain facilities in 1993 and maintains a City wide-drain system map book. Staff continuously improves this map by correcting errors and adding supplemental information (especially drains smaller than 36 inches). Each engineering staff member has this book, and it is also available at the counter. City staff still desires to map every junction, inlet, manhole, trash rack, and other appurtenant to improve the precision of our records. The City has also recently converted the map book into GIS, which will be implemented Citywide in the near future.</p> |

Permittee Name: City of Pleasant Hill

C.5.f.iii.(1), (2), (3) ▶ Spill and Discharge Complaint Tracking

| | | |
|---|---------------|-------------------|
| Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information) | | |
| | Number | Percentage |
| Discharges reported (C.5.f.iii.(1)) | 1 | |
| Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2)) | 0 | 0% |
| Discharges resolved in a timely manner (C.5.f.iii.(3)) | 0 | 0% |
| Comments: none | | |

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

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

There was one incident reported to the CCCWP and forwarded to the City. Staff investigated the incident, but did not find evidence of a discharge.

Permittee Name: City of Pleasant Hill

Section 6 – Provision C.6 Construction Site Controls

| C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals | | |
|--|---|--|
| Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (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 (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c) |
| 0 | 1 | 5 |
| Comments: There was only one active site that disturbed >1 acre of soil (Pleasant Hill Recreation and Park District Community Center). | | |

| C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations | | |
|---|--|---|
| BMP Category | Number of Violations⁵¹ excluding Verbal Warnings | % of Total Violations⁵² |
| Erosion Control | 0 | 0% |
| Run-on and Run-off Control | 0 | 0% |
| Sediment Control | 0 | 0% |
| Active Treatment Systems | 0 | 0% |
| Good Site Management | 0 | 0% |
| Non Stormwater Management | 0 | 0% |
| Total⁵³ | | 0% |

⁵¹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵² Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵³ The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

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

| | Enforcement Action (as listed in ERP) ⁵⁴ | Number Enforcement Actions Issued | % Enforcement Actions Issued ⁵⁵ |
|-----------------------|---|--|---|
| Level 1 ⁵⁶ | Warning Notice | 0 | 0% |
| Level 2 | Notice of Violation | 0 | 0% |
| Level 3 | Formal Enforcement | 0 | 0% |
| Level 4 | Legal Action | 0 | 0% |
| Total | | | 0% |

C.6.e.iii.1.f, g ▶ Illicit Discharges

| | Number |
|--|---------------|
| Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f) | 0 |
| Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g) | 0 |

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

⁵⁵ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

Permittee Name: City of Pleasant Hill

| C.6.e.iii.1.h, i ► Violation Correction Times | | |
|--|---------------|------------------|
| | Number | Percent |
| Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h) | 0 | 0% ⁵⁷ |
| Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i) | 0 | 0% ⁵⁸ |
| Total number of violations (excluding verbal warnings) for the reporting year⁵⁹ | 0 | 0% |
| Comments: none | | |

| C.6.e.iii.(2) ► Evaluation of Inspection Data |
|--|
| Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.). |
| Description: There are no new issues to report. |

| C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness |
|---|
| Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach. |
| Description: The program is effective. Staff informs applicants and contractors beforehand (normally during a pre-construction meeting), and works with site staff daily. Staff is also using the new tabular data form as requested by regional board staff. Refer to the C.6 Construction Site Control section of the CCCWP's FY 12-13 Annual Report for a description of activities at the countywide or regional level. |

⁵⁷ 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.

⁵⁸ 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.

⁵⁹ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may 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.6.f ▶ Staff Training Summary

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

Permittee Name: City of Pleasant Hill

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

C.7.a ▶ Storm Drain Inlet Marking (existing storm drains)

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary:

Estimated annual percentage of stenciled municipality storm drain inlets that were inspected and maintained as legible:

2009-10: 90%

2010-11: 90%

2011-12: 90%

2012-13: 90%

C.7.a ▶ Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary:

Annual number of newly-constructed, privately-maintained streets for which inlets were marked:

2009-10: 0 projects

2010-11: 1 project

2011-12: 1 project

2012-13: 0 projects

The project Conditions of Approval require the installation of inlet markings. Prior to the release of bonds, the developer is required to install them.

Permittee Name: City of Pleasant Hill

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:

Refer to Section 7 in the CCCWP's FY 12-13 Annual Report for a complete review of advertising efforts conducted by the CCCWP on behalf of all Permittees.

C.7.b.iii.1 ▶ Pre-Campaign Survey

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

Refer to Section C.7 in the CCCWP's FY 12-13 Annual Report for complete details on the pre-campaign survey conducted for the CCCWP's Pesticide Campaign.

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

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

C.7.c ▶ Media Relations

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

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

Summary:

The City regularly prints articles and advertisements on clean water program information in its bi-monthly Outlook newsletter. This newsletter is available at the counter, and is sent to all residents and businesses in Pleasant Hill (approx. 64,000) each year. Some highlights include the following:

July/Aug 2012 – Article on Sequoia Elementary School composting, and advertisement for City's free composting workshops. The City also subsidizes the cost of the compost bin for residents (\$30, retail for \$130).

Sep/Oct 2012 – Article on local businesses recycling working towards being waste free, and advertisements for free composting workshops and water-wise landscaping workshop.

Nov/Dec 2012 – Article on Community Service Day, where residents help clean creeks and remove trash.

FY 2012-2013 Annual Report

C.7 – Public Information and Outreach

Permittee Name: City of Pleasant Hill

Jan/Feb 2013 – Article on new trash, waste, and recycling programs available to residents, and Bringing Back the Natives Tour. Also advertisement for compost workshops.

Mar/Apr 2013 – Article on Earth Day creek clean up.

May/Jun 2013 – Articles on compost workshops, and Bike to Work day

Refer to BASMAA's "MRP Regional Supplement for Training and Outreach Report" for a summary of media relations efforts conducted during FY 12-13 on behalf of all Permittees.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 12-13:

No Change. Refer to Section C.7 of the CCCWP's FY 12-13 Annual Report for efforts conducted countywide to publicize stormwater points of contact (e.g. CCCWP's website, hotline, outreach materials, etc.)

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events

| Event Details | Description (messages, audience) | Evaluation of Effectiveness |
|--|--|--|
| Provide event name, date, and location. Indicate if event is local, countywide or regional. | Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscene presentation, pesticides, stormwater awareness) | Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted |
| Art, Jazz and Wine Festival (Oct. 6-7, 2012) | Festival for all ages and families. Staff has a booth which has clean water promotional items which are provided to attendants. Promo items are related to used oil | Staff estimates that approx. 3000 people attend over the 2 day period. About 200 promo items and brochures are distributed. |

Permittee Name: City of Pleasant Hill

| | | |
|--|---|---|
| | recycling, keeping our creeks clean, recycling, and how to use less pesticides. | |
| Bringing Back the Natives Garden Tour May 2013 | Residents tour other residents native gardens and share ideas and concepts | Appears effective, as it allows residents to share ideas on how to plant native |
| Our Water Our World | Tables with information at events and stores | OWOW program provided information on how to manage home and garden pests in a less toxic manner. Appears effective by diverting customers to less toxic products. |

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 supports the Friends of Pleasant Hill Creeks group by providing staff support and equipment when requested, as well as free advertising in the City newsletter and free refuse collection. The City and CCCWP also support the Contra Costa Watershed Forum and Green Business Program.

C.7.g. ► Citizen Involvement Events

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

| Event Details | Description | Evaluation of effectiveness |
|--|--|---|
| Provide event name, date, and location. Indicate if event is local, countywide or regional | Describe activity (e.g., creek clean-up, storm drain marking etc.) | Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). |

Permittee Name: City of Pleasant Hill

| | | |
|---|---------------------------|---|
| | | <ul style="list-style-type: none"> • Number of inlets marked. • Data trends |
| Support Community Watershed Stewardship Grant Program | See CCCWP's Annual Report | See CCCWP's Annual Report |
| | | |
| | | |

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. |
| Be Classy Not Trashy Campaign | Youth Outreach Newsletter | See CCCWP's report | See CCCWP's report |
| Kids for the Bay | See attachment | See attachment | See attachment |
| | | | |

C.7.i. ► Outreach to Municipal Officials

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:
Refer to the CCCWP's FY 12-13 Annual Report for additional outreach activities conducted to municipal officials by the CCCWP.

Permittee Name: City of Pleasant Hill

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 12-13, we contributed through the CCCWP to the BASMAA Regional Monitoring Coalition (RMC). In addition, we contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by the CCCWP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 12-13 Annual Report.

Permittee Name: City of Pleasant Hill

Section 9 – Provision C.9 Pesticides Toxicity Controls

| C.9.b ▶ Implement IPM Policy or Ordinance | | | | | |
|---|----------------------------|-----------------|-----------------|-----------------|-----------------|
| Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation. | | | | | |
| Trends in Quantities and Types of Pesticides Used⁶⁰ | | | | | |
| Pesticide Category and Specific Pesticide Used | Amount⁶¹ | | | | |
| | FY 09-10 | FY 10-11 | FY 11-12 | FY 12-13 | FY 13-14 |
| Organophosphates | | | | | |
| Glyphosate | 5305 | 6554 | 4578 | 5024 | |
| Oryzalin | 3608 | 3421 | 3720 | 2611 | |
| Triclopyr | 37 | 589 | 196 | | |
| Animopyralid | | 707 | | 10 | |
| Carfentrazone | | 96 | | 772 | |
| Oxadiazon | | | 40 | | |
| NOTE all quantities in oz. | | | | | |

| 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. | 12 |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years. | 12 |
| 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% |

⁶⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹ Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin, bifenthrin, beta-cyfluthrin, bioallethrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, fenpropathrin, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (d-phenothrin), tau-fluvalinate, tefluthrin, tetramethrin, tralomethrin, cis-permethrin, and zeta-cypermethrin.

Permittee Name: City of Pleasant Hill

| | | | |
|---|---|------------|---|
| C.9.d ▶ Require Contractors to Implement IPM | | | |
| Did your municipality contract with any pesticide service provider in the reporting year? | <input type="checkbox"/> | Yes | <input checked="" 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. | | |
| If Not attached , explain: NA | | | |

| |
|---|
| C.9.e ▶ Track and Participate in Relevant Regulatory Processes |
| Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected. |
| Summary: During FY 12-13, we participated in regulatory processes related to pesticides through contributions to the CCCWP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees. |

| | | | |
|--|--------------------------|------------|---|
| C.9.f ▶ Interface with County Agricultural Commissioners | | | |
| Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> No |
| If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary. NA | | | |

Permittee Name: City of Pleasant Hill

C.9.g. ► Evaluate Implementation of Source Control Actions Relating to pesticides

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

The Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the CCCWP's FY 12-13 Annual Report.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 12-13 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control **OR** reference a regional report that summarizes these actions.

Summary:

See the C.9 Pesticides Toxicity Control section of the CCCWP's FY 12-13 Annual Report for a report that evaluates outreach to residents.

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of CCCWP's FY 12-13 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

Permittee Name: City of Pleasant Hill

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report

Use this area to respond to any Water Board staff comments on Section 9 of your FY 11-12 Annual Report, and refer to any required submittals that are attached.

Permittee Name: City of Pleasant Hill

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture (Summary of Actions)

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

- 1) The City of Pleasant Hill participated in the San Francisco Estuary project/Association of Bay Area Governments Full Trash Capture Pilot Project. Through the grant program, the City installed 61 full trash capture devices (Revel Environmental Manufacturing Inc. (REM) Triton Bioflex Trash Guard) on existing inlets. These devices were strategically placed to maximize their effectiveness in high trash generating areas (including schools, parks, and the downtown area). Total land area coverage for City facilities is approximately 271 acres. Additionally, the City installed a CDS unit at Linda Drive in 2000. The treatment area is approximately 55 acres. Inspection and maintenance occurs on an annual basis by City staff, and since that time there have been no reported problems. The City also required developers to install the full trash capture devices on private development projects. The new Safeway project and new In N Out restaurant project both installed KriStar FloGard Plus devices on their projects. A total of 4 units were installed in the existing inlets at the Safeway project, treating an area of 8.1 acres, and a total of 7 units were installed in new storm drain inlets at the In N Out project, treating an area of 1.1 ac. Total land coverage for private development facilities is approximately 9.2 acres. Total land coverage for both public and private development projects is 335 acres.
- 2) The City plans to continue to require new development projects to install full trash capture devices as part of the project conditions of approval.
- 3) See attached map.
- 4) All devices installed in public streets are inspected and maintained annually by the manufacturer at least once per a year, prior to the rainy season. All devices installed on private property are required to be maintained as part of their Stormwater Treatment requirements. The City's CDS unit is inspected and maintained annually prior to the rainy season. Records can be obtained from the maintenance division as needed.

Permittee Name: City of Pleasant Hill

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

Provide the 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. Additionally, include a map that identifies the location(s) of trash hot spots.

| Trash Hot Spot | Cleanup Date | FY 2012-13 Volume of Trash Removed (cubic yards) | FY 2011-12 Volume of Trash Removed (cubic yards) | FY 2010-11 Volume of Trash Removed (cubic yards) | Dominant Type(s) of Trash | Trash Sources (where possible) |
|--|--------------|--|---|---|---------------------------|-----------------------------------|
| PLH-01 Chilpancingo Parkway Bridge | 06/25/13 | 2 CY | 2 CY | 2 CY | Yard waste | NA |
| PLH-02 Cleaveland & Astrid Bridge | 06/25/13 | 2 CY | 2 CY | 2 CY | Miscellaneous items | NA |
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Permittee Name: City of Pleasant Hill

| C.10.c ► Long-Term Trash Load Reduction Plan | |
|--|--|
| Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014. | |
| Long-Term Plan Task | Summary of Progress |
| 1. Identifying and mapping trash generating areas | The City developed its trash generating areas by using the GIS information and recommendations base don land usage provided the CCCWP's consultant, EOA. These trash generating areas are identified as very high, high, medium, and low generating areas, and are shown in the attached map. In order to validate the data, staff field verified the trash generating areas to determine its accuracy. Modifications were then made to the map by the consultant. |
| 2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions | Staff does not anticipate identifying sources at this time. |
| 3. Prioritizing trash generating areas and associated types of trash problems | Staff has consulted with maintenance staff to determine the prioritization of trash generating areas. This is based on their knowledge of high trash generating areas over the years. |
| 4. Identifying and selecting trash management actions for specific management areas | Staff is currently in the process of identifying and selecting actions for specific management areas. This will be completed by February 2014, as part of the Long Term Management Plan. |
| 5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals | Assessment methods are currently being developed regionally. These methods will be adapted for use in the City and will be incorporated in our Long Term Trash Management Plan. |

Permittee Name: City of Pleasant Hill

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

| Action | Description | Trash Management Area(s) (Preliminary Map ID) | Dominant Sources | Dominant Types |
|---|---|--|--|------------------------------------|
| Trash Management Area Specific Actions | | | | |
| Full-Capture Treatment Devices | Continued Pre-MRP Actions: installed CDS unit, required downtown to install inlet filters | 1,7 | Pedestrian litter, local businesses, schools | Leaves, plastic, paper |
| | New/Enhanced Post-MRP Actions Initiated/Planned: install inlet devices on public and private systems | 1, 2, 3, 4, 5, 9, 10, 12 | | |
| Street Sweeping | Continued Pre-MRP Actions: arterials swept twice a month, residential bi-monthly (non-winter months), monthly (winter months) | 13 (citywide) | Pedestrian litter, local businesses, schools | Leaves, plastic, paper |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| On-land Trash Cleanups | Continued Pre-MRP Actions: enhanced pick up in commercial areas | 1,2 | Pedestrian litter, local businesses | Plastic, paper, food items |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Partial-Capture Treatment Devices | Continued Pre-MRP Actions: NA | NA | NA | NA |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Enhanced Storm Drain Inlet Maintenance | Continued Pre-MRP Actions: downtown has inlet filters privately maintained, CDS unit maintained as needed | 1,7 | Pedestrian litter, local businesses, schools | Leaves, plastic, paper, food items |
| | New/Enhanced Post-MRP Actions Initiated/Planned: filter units maintained per manufacturer specifications | 1, 2, 3, 4, 5, 9, 10, 12 | | |

Permittee Name: City of Pleasant Hill

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

| Action | Description | Trash Management Area(s) (Preliminary Map ID) | Dominant Sources | Dominant Types |
|---|--|---|---------------------------------|--------------------------------|
| Activities to Reduce Trash from Uncovered Loads | Continued Pre-MRP Actions: city ordinance | 13 (citywide) | Construction | Construction materials |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Anti-littering and Illegal Dumping Enforcement Activities | Continued Pre-MRP Actions: standard maintenance activity | 13 (citywide) | Construction | Construction materials, debris |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Improved Trash Bins/Container Management | Continued Pre-MRP Actions: standard maintenance activity | 13 (citywide) | Pedestrian litter | Plastic, paper, food items |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Creek, Channel, Shoreline Cleanups | Continued Pre-MRP Actions: standard maintenance activity, annual inspections, enforcement letters to residents | 13 (citywide) | Pedestrian litter, construction | Plastic, paper, food items |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | NA | | |
| Area/Jurisdictional-wide Actions | | | | |
| Single-Use Carryout Bag Policies | Continued Pre-MRP Actions: NA | Jurisdiction-wide | NA | NA |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | | | |
| Polystyrene Foam Food Service Ware Policies | Continued Pre-MRP Actions: NA | Jurisdiction-wide | NA | NA |
| | New/Enhanced Post-MRP Actions Initiated/Planned: NA | | | |

Permittee Name: City of Pleasant Hill

C.10.d Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

| Action | Description | Trash Management Area(s) (Preliminary Map ID) | Dominant Sources | Dominant Types |
|--|--|--|------------------|----------------|
| Public Education and Outreach Programs | Continued Pre-MRP Actions: handouts at city and local events, Kids for the Bay program | Jurisdiction-wide | NA | NA |
| | New/Enhanced Post-MRP Actions Initiated/Planned: continue Kids for the Bay program to all city schools | | | |

Permittee Name: City of Pleasant Hill

Section 11 - Provision C.11 Mercury Controls

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|---|--|
| 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). | |
| Refer to the Countywide Program's Annual Report. | |
| 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. | |
| 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. | |
| <p>Summary</p> <p>A summary of countywide CCCWP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.</p> | |

Permittee Name: City of Pleasant Hill

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

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

Description:

See the FY 12-13 CCCWP Annual Report for a description of training provided countywide and/or regionally.

C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff

C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region

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

Summary

A summary of countywide CCCWP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

Permittee Name: City of Pleasant Hill

Section 13 - Provision C.13 Copper Controls

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

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

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

Materials and information developed at Countywide Program are provided at City Hall.

C.13.a.iii.(3) ▶ Evaluation of Effectiveness

(FY 12-13 Annual Report) Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

Projects brought before the Architectural Review Commission (ARC) are required to conform to the City's Design Guidelines, which promote use of alternate materials.

C.13.c ▶ Vehicle Brake Pads

Reported in a separate regional report.
 A summary of the countywide CCCWP's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.13.c.iii ▶ Water Quality Issues Associated with Automobile Brake Pads

FY 2012-2013 Annual Report

C.13 – Copper Controls

Permittee Name: City of Pleasant Hill

| | |
|---|--|
| <i>(FY 12-13 Annual Report Only)</i> – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed. | |
| An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included in the C.13 Copper Controls section of CCCWP's FY 12-13 Annual Report and/or the BASMAA Regional POC Report. | |
| C.13.d.iii ▶ Industrial Sources Copper Reduction Results | |
| Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed. | |
| Summary none | |

| | |
|---|--|
| C.13.e ▶ Studies to Reduce Copper Pollutant Impact Uncertainties | |
| Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report. | |
| Summary A summary of the countywide CCCWP and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the CCCWP's FY 12-13 Annual Report and/or BASMAA Regional POC Report. | |

Permittee Name: City of Pleasant Hill

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

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

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

Summary

A summary of the countywide CCCWP and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the CCCWP's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the CCCWP's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

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

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of CCCWP's FY 12-13 Annual Report and/or BASMAA Regional POC Report.

Permittee Name: City of Pleasant Hill

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

| | | | |
|---|--------------------------|-----|--|
| C.15.b.iii.(1), C.15.b.iii.(2) ▶ Planned and Unplanned Discharges of Potable Water | | | |
| Is your agency a water purveyor? | <input type="checkbox"/> | Yes | <input checked="" type="checkbox"/> No |
| If No , skip to C.15.b.vi.(2): | | | |
| If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below. | | | |
| Comments: NA | | | |

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|--|--|
| C.15.b.vi.(2) ▶ Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering | |
| Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are: | |
| <ul style="list-style-type: none"> • Promote conservation programs • Promote outreach for less toxic pest control and landscape management • Promote use of drought tolerant and native vegetation • Promote outreach messages to encourage appropriate watering/irrigation practices • Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff. | |
| Summary: | |
| The City requires implementation of source control measures for landscaping and outdoor pesticide use in development projects through conditions of approval. The City strongly encourages water conservation and reduced pesticide use through drought tolerant landscaping in new projects conditions of approval. | |
| The City, through the CCCWP, promotes several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to: | |
| <ul style="list-style-type: none"> • 6th Edition Stormwater C.3 Guidebook adopted by ordinance promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate). • Green Business Program promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management. • Our Water Our World (OWOW) Program promotes to consumers and the point of purchase less toxic alternatives to combating lawn and garden pests. • Bay Friendly Landscaping and Gardening Training and Certification Program promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution. | |

| C.15.b.iii.(1) ► Planned Discharges of the Potable Water System | | | | | | | | | | |
|--|----------------|--------------------------|-------------------|---------------------------------------|----------------------------|-----------------------------------|--------------------------|---------------------|---|---------------------------------------|
| Site/ Location | Discharge Type | Receiving Waterbody(ies) | Date of Discharge | Duration of Discharge (military time) | Estimated Volume (gallons) | Estimated Flow Rate (gallons/day) | Chlorine Residual (mg/L) | pH (standard units) | Discharge Turbidity ⁶² (NTU) | Implemented BMPs & Corrective Actions |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
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⁶² Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System⁶³

| Site/ Location | Discharge Type | Receiving Waterbody(ies) | Date of Discharge | Discharge Duration (military time) | Estimated Volume (gallons) | Estimated Flow Rate (gallons/day) | Chlorine Residual (mg/L) ⁶⁴ | pH (standard units) ⁵² | Discharge Turbidity (Visual) ⁵² | Implemented BMPs & Corrective Actions | Time of discharge discovery | Regulatory Agency Notification Time ⁶⁵ | Inspector arrival time | Responding crew arrival time |
|----------------|----------------|--------------------------|-------------------|------------------------------------|----------------------------|-----------------------------------|--|-----------------------------------|--|---------------------------------------|-----------------------------|---|------------------------|------------------------------|
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
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⁶³ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁴ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁶⁵ Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

| Name | Address | City | Program Category |
|--|----------------------------|---------------|------------------|
| Aegis Living | 1660 OAK PARK Blvd | Pleasant Hill | Assisted Living |
| Chateau I | 2770 PLEASANT HILL Road | Pleasant Hill | Assisted Living |
| Chateau II | 2726 PLEASANT HILL Road | Pleasant Hill | Assisted Living |
| Chateau III | 175 CLEVELAND Road | Pleasant Hill | Assisted Living |
| Crestwood Healing Center | 550 PATTERSON Blvd | Pleasant Hill | Assisted Living |
| Pleasant Hill Manor | 40 BOYD Blvd | Pleasant Hill | Assisted Living |
| The Chateau at Poet's Corner | 540 PATTERSON Blvd | Pleasant Hill | Assisted Living |
| Windsor Rosewood Care Center | 1911 OAK PARK Blvd | Pleasant Hill | Assisted Living |
| C J's Saloon | 548 CONTRA COSTA Blvd | Pleasant Hill | Bar Only |
| Farrington's Bar | 1938 CONTRA COSTA Blvd | Pleasant Hill | Bar Only |
| Jack's Auto Body & Repair | 199 MAYHEW Way B | Walnut Creek | Body Shop |
| Pleasant Hill Collision | 1581 OAK PARK Blvd | Pleasant Hill | Body Shop |
| Kirby Carpet Cleaning | 3330 VINCENT Road L | Pleasant Hill | Carpet Cleaner |
| Pinch Catering, Inc. | 1941 OAK PARK Blvd 10 | Pleasant Hill | Catering-Bus. |
| Van Noy Catering | 131 LONGFELLOW Drive | Pleasant Hill | Catering-Bus. |
| All About The Fish | 102 S 2nd Ave | Pleasant Hill | Commercial |
| All Seasons Insulation Company | 3381 VINCENT Road D | Pleasant Hill | Commercial |
| Concord Feed | 228 HOOKSTON Road | Pleasant Hill | Commercial |
| Cresco Xpress | 2098 MONUMENT | Pleasant Hill | Commercial |
| Jetalon Solutions, Inc. | 3343 VINCENT Road B | Pleasant Hill | Commercial |
| Kelly Moore Paint Co. | 1725 CONTRA COSTA Blvd | Pleasant Hill | Commercial |
| Sunshine Spa | 1948 CONTRA COSTA Blvd | Pleasant Hill | Commercial |
| Target #330 | 560 CONTRA COSTA Blvd | Pleasant Hill | Commercial |
| Dynasty Roofing, Inc. | 3330 VINCENT Road E | Pleasant Hill | Contractor |
| California Dental Ceramics | 1825 CONTRA COSTA Blvd | Pleasant Hill | Dental Lab |
| Cosmetic Dental Ceramics | 70 DORAY Drive 14B | Pleasant Hill | Dental Lab |
| Creative Dental Laboratory | 2100 MONUMENT Blvd 15 | Pleasant Hill | Dental Lab |
| Gold West Dental Laboratory | 401 GREGORY Lane 246 | Pleasant Hill | Dental Lab |
| Santos Dental Laboratory | 1226 CONTRA COSTA Blvd | Pleasant Hill | Dental Lab |
| Custom Care Cleaners | 2685 PLEASANT HILL Road E | Pleasant Hill | Dry Cleaner |
| Grace Cleaners | 690 GREGORY Lane | Pleasant Hill | Dry Cleaner |
| Hosanna Cleaners | 1946 CONTRA COSTA Blvd | Pleasant Hill | Dry Cleaner |
| Norge Village Cleaners | 220 GOLF CLUB Road | Pleasant Hill | Dry Cleaner |
| Oak Park Cleaners | 1906 OAK PARK Blvd | Pleasant Hill | Dry Cleaner |
| Paris Cleaners | 2393 PLEASANT HILL Road | Pleasant Hill | Dry Cleaner |
| Park Avenue Cleaners | 1643 CONTRA COSTA Blvd | Pleasant Hill | Dry Cleaner |
| PH Bargain Cleaners | 2001 CONTRA COSTA Blvd A30 | Pleasant Hill | Dry Cleaner |
| Royale Cleaners | 704 CONTRA COSTA Blvd | Pleasant Hill | Dry Cleaner |
| Sisters Cleaners | 2215 MORELLO Ave | Pleasant Hill | Dry Cleaner |
| Vogue Cleaners | 100 LONGBROOK Way 6 | Pleasant Hill | Dry Cleaner |
| Pacific States Petroleum | 220 HOOKSTON Road | Pleasant Hill | Fleet Operations |
| Pleasant Hill Public Works Center | 310 CIVIC Drive | Pleasant Hill | Fleet Operations |
| City of Pleasant Hill Community Center | 320 CIVIC Drive | Pleasant Hill | Food Service |
| 7-Eleven | 601 PATTERSON Blvd | Pleasant Hill | Food Service |
| Back Forty Texas BBQ | 100 COGGINS Drive | Pleasant Hill | Food Service |
| Bangkok Restaurant | 1910 OAK PARK Blvd | Pleasant Hill | Food Service |
| Barnes & Noble Café #2644 | 552 CONTRA COSTA Blvd 90 | Pleasant Hill | Food Service |
| Black Angus Restaurant | 3195 N MAIN Street | Pleasant Hill | Food Service |
| Boston Market #1961 | 2180 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Burger King #1864 | 677 CONTRA COSTA Blvd | Pleasant Hill | Food Service |

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| Cafe Milano | 716 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Carrow's Restaurant Inc. | 624 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Casper Hot Dogs | 6 VIVIAN Drive | Pleasant Hill | Food Service |
| Century Theaters | 125 CRESCENT Drive | Pleasant Hill | Food Service |
| Chef Choy Chinese Restaurant | 548 CONTRA COSTA Blvd W | Pleasant Hill | Food Service |
| China Garden | 2223 MORELLO Ave | Pleasant Hill | Food Service |
| Chipotle | 60 CRESCENT Drive G | Pleasant Hill | Food Service |
| Chop Chop Korean BBQ | 1428 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Cine Arts | 2314 MONUMENT Blvd | Pleasant Hill | Food Service |
| Classic Catering | 2653 PLEASANT HILL Road A | Pleasant Hill | Food Service |
| Coco Swirl | 35 CRESCENT Drive E | Pleasant Hill | Food Service |
| Cold Stone Creamery | 60 CRESCENT Drive J | Pleasant Hill | Food Service |
| Contra Costa Country Club | 801 GOLF CLUB Road | Pleasant Hill | Food Service |
| Corner Bakery Café | 35 CRESCENT Drive A,B | Pleasant Hill | Food Service |
| Country Waffles | 2390 MONUMENT Blvd A | Pleasant Hill | Food Service |
| Dallimonti's Italian Restaurant | 1932 OAK PARK Blvd | Pleasant Hill | Food Service |
| Damo Sushi | 508 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Daphne's Greek Café | 55 CRESCENT Drive | Pleasant Hill | Food Service |
| Denny's | 612 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Devino's Pizza & Pasta | 2221 MORELLO Ave | Pleasant Hill | Food Service |
| Dickey's Barbecue Pit | 2634 PLEASANT HILL Road | Pleasant Hill | Food Service |
| Donut King | 1607 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Donut's Delight | 706 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| El Aguila Taqueria | 1300 CONTRA COSTA Blvd #12 | Pleasant Hill | Food Service |
| El Morocco | 2203 MORELLO Ave | Pleasant Hill | Food Service |
| El Tapatio Mexican Restaurant | 40 GOLF CLUB Road | Pleasant Hill | Food Service |
| Escape From Fisherman's Wharf | 1661 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Flora's Gyros & Hot Dogs | 240 GOLF CLUB Road | Pleasant Hill | Food Service |
| Giant Chef Burger Inc. | 10 GOLF CLUB Road | Pleasant Hill | Food Service |
| Green Garden | 1675 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Hookstone Cafe | 3478 BUSKIRK Ave 130 | Pleasant Hill | Food Service |
| In-N-Out Burger | 570 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Jack in the Box | 1817 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Jack's Restaurant & Bar | 60 CRESCENT Drive 15A | Pleasant Hill | Food Service |
| Jamba Juice | 65 CRESCENT Drive C | Pleasant Hill | Food Service |
| Jo's Sushi Bar | 2217 MORELLO Ave | Pleasant Hill | Food Service |
| Kentucky Fried Chicken | 635 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Kinder's Custom Meats | 2227 MORELLO Ave | Pleasant Hill | Food Service |
| Kobe Japan | 1918 OAK PARK Blvd | Pleasant Hill | Food Service |
| L&L Hawaiian Barbeque | 60 CRESCENT Drive D | Pleasant Hill | Food Service |
| La Mordida | 607 GREGORY Lane 140 | Pleasant Hill | Food Service |
| Latte Da Espresso & More | 1902 OAK PARK Blvd | Pleasant Hill | Food Service |
| Little Dragon Restaurant | 270 GOLF CLUB Road | Pleasant Hill | Food Service |
| Little Red Bistro | 690 GREGORY Lane 4 | Pleasant Hill | Food Service |
| Magoo's Grill and Bar | 1250 CONTRA COSTA Blvd 101 | Pleasant Hill | Food Service |
| Matsu Sushi | 1914 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Mazza Grill | 35 CRESCENT Drive F | Pleasant Hill | Food Service |
| McDonald's | 1690 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| McDonald's | 65 CHILPANCINGO Parkway | Pleasant Hill | Food Service |
| Melo's Pizza | 1660 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Meson Azteca | 2237 MORELLO Ave | Pleasant Hill | Food Service |
| Mings | 2653 PLEASANT HILL Road | Pleasant Hill | Food Service |

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| MOA Korean BBQ | 508 CONTRA COSTA Blvd Q | Pleasant Hill | Food Service |
| Molino's Raviolis | 2150 PLEASANT HILL Road | Pleasant Hill | Food Service |
| Mr. Lucky's | 2618 PLEASANT HILL Road | Pleasant Hill | Food Service |
| Nama Sushi | 2375 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Nation's Giant Hamburger | 1900 CONTRA COSTA Blvd A | Pleasant Hill | Food Service |
| New York Pizza | 1649 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Ohana Hawaiian BBQ | 2370 MONUMENT Blvd 2A | Pleasant Hill | Food Service |
| Original Pancake House | 2059 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Outback Steakhouse | 150 LONGBROOK Way | Pleasant Hill | Food Service |
| Panda Express | 2380 MONUMENT Blvd A | Pleasant Hill | Food Service |
| Pasta Pomodoro | 45 CRESCENT PLAZA C | Pleasant Hill | Food Service |
| Peet's Coffee & Tea #237 | 65 CRESCENT Drive A | Pleasant Hill | Food Service |
| Peking Boy | 2290 MONUMENT Blvd | Pleasant Hill | Food Service |
| Pho Hoa An | 1617 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Pho Lee Hoa Phat I | 508 CONTRA COSTA Blvd P | Pleasant Hill | Food Service |
| Pizza Hut | 1749 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Pizza My Way | 1300 CONTRA COSTA Blvd 20 | Pleasant Hill | Food Service |
| Plaza Cafe | 1912 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Pleasant Hill Senior Center | 233 GREGORY Lane | Pleasant Hill | Food Service |
| Pleasant Hill Teen Center | 147 GREGORY Lane | Pleasant Hill | Food Service |
| Posh Bagel | 1420 CONTRA COSTA Blvd A | Pleasant Hill | Food Service |
| Quickly | 60 GOLF CLUB Road A | Pleasant Hill | Food Service |
| Quiznos | 55 CRESCENT Drive A | Pleasant Hill | Food Service |
| Round Table Pizza | 1938 OAK PARK Blvd | Pleasant Hill | Food Service |
| Round Table Pizza | 716 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Round Table Pizza | 85 CHILPANCINGO Parkway | Pleasant Hill | Food Service |
| Rubio's | 2390 MONUMENT Blvd D | Pleasant Hill | Food Service |
| Savanh Thai | 1910 OAK PARK Blvd | Pleasant Hill | Food Service |
| See's Candies | 1005 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Shaadzee Bakery & Café | 60 CRESCENT Drive B | Pleasant Hill | Food Service |
| Sichuan Fortune House | 41 WOODSWORTH Lane | Pleasant Hill | Food Service |
| Sinful Bliss | 35 CRESCENT Drive | Pleasant Hill | Food Service |
| Slow Hand BBQ | 1941 OAK PARK Blvd | Pleasant Hill | Food Service |
| Starbucks | 2370 MONUMENT Blvd B | Pleasant Hill | Food Service |
| Starbucks | 707 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Starbucks Coffee #5559 | 1900 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Subway | 2360 MONUMENT Blvd C | Pleasant Hill | Food Service |
| Subway Sandwiches & Salads | 1300 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Sunshine Cafe | 1908 OAK PARK Blvd | Pleasant Hill | Food Service |
| Sweet Tomatoes | 40 CRESCENT Drive A | Pleasant Hill | Food Service |
| Taco Bell | 500 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Taco Bell #3003 | 1700 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Tahoe Joe's | 999 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Taqueria Los Gallos Express | 1974 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Thai Osha | 1968 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Thai Village Restaurant | 670 GREGORY Lane F | Pleasant Hill | Food Service |
| The Spot Coffee & Beyond | 60 GOLF CLUB Road | Pleasant Hill | Food Service |
| Three Brothers From China | 2001 CONTRA COSTA Blvd A50 | Pleasant Hill | Food Service |
| Three Thai Restaurant | 1600 CONTRA COSTA Blvd | Pleasant Hill | Food Service |
| Tugboat Fish & Chips #20 | 150 LONGBROOK Way F | Pleasant Hill | Food Service |
| Wences Wine & Bar | 1922 OAK PARK Blvd | Pleasant Hill | Food Service |

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| Wing Stop | 2380 MONUMENT Blvd C1 | Pleasant Hill | Food Service |
| Yokoso Sushi | 2380 MONUMENT Blvd D | Pleasant Hill | Food Service |
| Zachary's Pizza | 140 CRESCENT Drive | Pleasant Hill | Food Service |
| Zen Restaurant | 2642 PLEASANT HILL Road | Pleasant Hill | Food Service |
| Zio Fraedo's | 611 GREGORY Lane | Pleasant Hill | Food Service |
| Buskirk Gas, Mart & Carwash | 3210 BUSKIRK Ave | Pleasant Hill | Gas Station |
| Grayson Shell | 2401 PLEASANT HILL Road | Pleasant Hill | Gas Station |
| Monument 76 (Valero) | 2300 MONUMENT Blvd | Pleasant Hill | Gas Station |
| Pleasant Hill Chevron | 1705 CONTRA COSTA Blvd | Pleasant Hill | Gas Station |
| Safeway Gas Station | 701 CONTRA COSTA Blvd | Pleasant Hill | Gas Station |
| Shell Station & Car Wash | 606 CONTRA COSTA Blvd | Pleasant Hill | Gas Station |
| Sun Valley Chevron | 698 CONTRA COSTA Blvd | Pleasant Hill | Gas Station |
| USA Gasoline | 1616 OAK PARK Blvd | Pleasant Hill | Gas Station |
| Grayson Woods | 400 IRON HILL Street | Pleasant Hill | Golf Course |
| County Square Market | 510 CONTRA COSTA Blvd | Pleasant Hill | Grocery Store |
| Grocery Outlet | 1671 CONTRA COSTA Blvd | Pleasant Hill | Grocery Store |
| Lucky's | 155 CRESCENT Plaza | Pleasant Hill | Grocery Store |
| Safeway | 1978 CONTRA COSTA Blvd | Pleasant Hill | Grocery Store |
| Safeway | 600 PATTERSON Blvd | Pleasant Hill | Grocery Store |
| Safeway #2941 | 707 CONTRA COSTA Blvd | Pleasant Hill | Grocery Store |
| Smart & Final | 2100 CONTRA COSTA Blvd | Pleasant Hill | Grocery Store |
| Pleasant Hill Oncology | 400 TAYLOR Blvd | Pleasant Hill | Healthcare |
| Quest Diagnostics | 401 GREGORY Lane | Pleasant Hill | Healthcare |
| Hyatt House (Formerly Summerfield Suites) | 2611 CONTRA COSTA Blvd | Pleasant Hill | Hotel |
| Marriot Courtyard | 2250 CONTRA COSTA | Pleasant Hill | Hotel |
| Residence Inn (Marriott) | 700 ELLINWOOD way | Pleasant Hill | Hotel |
| Block Environmental Services | 2451 ESTAND Way | Pleasant Hill | Laboratory |
| Cal Trans Materials Testing Laboratory | 3451 VINCENT Road B | Pleasant Hill | Laboratory |
| Plant Décor | 3330 VINCENT Road G | Pleasant Hill | Landscape |
| Reid Racing | 1917 OAK PARK Blvd | Pleasant Hill | Machine Shop |
| Applied Optics, Inc. | 3349 VINCENT Road | Pleasant Hill | Manufacturing |
| Sensor Sciences | 3333 VINCENT Road #103 | Pleasant Hill | Manufacturing |
| Diablo Valley College | 321 GOLF CLUB Road | Pleasant Hill | Permitted IU |
| Leading Edge Termite Treatment | 1250 CONTRA COSTA Blvd 201 | Pleasant Hill | Pest Control |
| Pleasant Hill Aquatics Pool | 468 BOYD Road | Pleasant Hill | Pool |
| Pleasant Hill Recreation and Park District | 147 GREGORY Lane | Pleasant Hill | Pool |
| Central Building, LLC | 508 CONTRA COSTA Blvd | Pleasant Hill | Property Mngt |
| Ellinwood Center | 1300 CONTRA COSTA Blvd | Pleasant Hill | Property Mngt |
| Hillcrest Shopping Center | 2239 MORELLO Ave | Pleasant Hill | Property Mngt |
| Regency Plaza Shopping Center | 548 CONTRA COSTA Blvd | Pleasant Hill | Property Mngt |
| Two-Worlds Property Management | 101 GREGORY Lane | Pleasant Hill | Property Mngt |
| PHSC | 1855 CONTRA COSTA Blvd | Pleasant Hill | Property Owner |
| YMCA | 350 CIVIC Drive | Pleasant Hill | Property Owner |
| Navlet's Garden Center | 2875 CONTRA COSTA Blvd | Pleasant Hill | Retail |
| Best Buy | 3260 BUSKIRK Ave | Pleasant Hill | Retail |
| Diablo Stereo & Video | 1934 OAK PARK Blvd | Pleasant Hill | Retail |
| O'Reilly Auto Parts | 505 CONTRA COSTA Blvd | Pleasant Hill | Retail |
| Rite Aid | 2140 CONTRA COSTA Blvd | Pleasant Hill | Retail |
| Toy's R Us #5803 | 568 CONTRA COSTA Blvd | Pleasant Hill | Retail |
| Walgreens | 721 GREGORY Lane | Pleasant Hill | Retail |
| Christ the King Catholic School | 195 BRANDON Road | Pleasant Hill | School/College |
| College Park High School | 201 VIKING Drive | Pleasant Hill | School/College |

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| JFK University | 100 ELLINWOOD Way | Pleasant Hill | School/College |
| Pleasant Hill Adventist Academy | 796 GRAYSON Road | Pleasant Hill | School/College |
| Save On Smogs | 1250 CONTRA COSTA Blvd 107 | Pleasant Hill | Smog Test Center |
| AT&T Mary Glen Operations Center (Formally Pacific Bell) | 100 MAYHEW Way | Pleasant Hill | Utility |
| AVH Auto Repair | 1250 CONTRA COSTA Blvd 104 | Pleasant Hill | Vehicle Sales |
| Automotive Maintenance Machine | 199 MAYHEW Way J | Walnut Creek | Vehicle Service |
| Big O Tires #10 | 1845 CONTRA COSTA Blvd | Pleasant Hill | Vehicle Service |
| Cliff's Auto Pro Shop | 1855 CONTRA COSTA Blvd E | Pleasant Hill | Vehicle Service |
| Contra Costa Cycles | 1855 CONTRA COSTA Blvd | Pleasant Hill | Vehicle Service |
| Diablo Import Service | 15 VIVIAN Drive #E | Pleasant Hill | Vehicle Service |
| Expert Auto Care | 2686 PLEASANT HILL Road | Pleasant Hill | Vehicle Service |
| Joseph's Lawnmower & Lock Shop, Inc | 1551 OAK PARK Blvd | Pleasant Hill | Vehicle Service |
| Kunio's Automotive Repair | 1855 CONTRA COSTA Blvd A | Pleasant Hill | Vehicle Service |
| Mike's Automotive Service | 1855 CONTRA COSTA Blvd C | Pleasant Hill | Vehicle Service |
| Oak Park Auto Repair | 1901 OAK PARK Blvd | Pleasant Hill | Vehicle Service |
| P & T Valero | 2295 MORELLO Ave | Pleasant Hill | Vehicle Service |
| Pep Boys #968 | 520 CONTRA COSTA Blvd | Pleasant Hill | Vehicle Service |
| The Barn | 199 MAYHEW Way D | Pleasant Hill | Vehicle Service |
| Timmons Auto & Truck Repair | 2855 CONTRA COSTA Blvd D | Pleasant Hill | Vehicle Service |
| VIP Smog Center, Inc. | 2049 CONTRA COSTA Blvd | Pleasant Hill | Vehicle Service |

Planned Inspections for Pleasant Hill

| Name | Address | Facility Type |
|--|----------------------------|-----------------|
| Pinch Catering, Inc. | 1941 OAK PARK Blvd 10 | Catering-Bus. |
| Park Avenue Cleaners | 1643 CONTRA COSTA Blvd | Dry Cleaner |
| La Mordida | 607 GREGORY Lane 140 | Food Service |
| Pleasant Hill Senior Center | 233 GREGORY Lane | Food Service |
| Pleasant Hill Teen Center | 147 GREGORY Lane | Food Service |
| The Fig Tree | 1922 OAK PARK Blvd | Food Service |
| Safeway Gas Station | 701 CONTRA COSTA Blvd | Gas Station |
| Safeway #2941 | 707 CONTRA COSTA Blvd | Grocery Store |
| Pleasant Hill Recreation and Park District | 147 GREGORY Lane | Pool |
| Oak Park Auto Repair | 1901 OAK PARK Blvd | Vehicle Service |
| Mr. Lucky's | 2618 PLEASANT HILL Road | Food Service |
| Shaadzee Bakery & Café | 60 CRESCENT Drive | Food Service |
| Jetalon Solutions, Inc. | 3343 VINCENT Road B | Commercial |
| Original Pancake House | 2059 CONTRA COSTA Blvd | Food Service |
| Zen Restaurant | 2642 PLEASANT HILL Road | Food Service |
| Chop Chop Korean BBQ | 1428 CONTRA COSTA Blvd | Food Service |
| Dickey's BBQ Pit | 2634 PLEASANT HILL Road | Food Service |
| In-N-Out Burger | 570 CONTRA COSTA Blvd | Food Service |
| Slow Hand BBQ | 1941 OAK PARK Blvd | Food Service |
| Nama Sushi | 2375 CONTRA COSTA Blvd | Food Service |
| Zachary's Pizza | 140 CRESCENT Drive | Food Service |
| Giant Chef Burger Inc. | 10 GOLF CLUB Road | Food Service |
| Summerfield Suites | 2611 CONTRA COSTA Blvd | Hotel |
| Grayson Woods | 400 IRON HILL Street | Golf Course |
| Pasta Pomodoro | 45 CRESCENT PLAZA C | Food Service |
| Kelly Moore Paint Co. | 1725 CONTRA COSTA Blvd | Commercial |
| Grace Cleaners | 690 GREGORY Lane | Dry Cleaner |
| Hosanna Cleaners | 1946 CONTRA COSTA Blvd | Dry Cleaner |
| One Hour Cleaners | 508 CONTRA COSTA Blvd B | Dry Cleaner |
| Royale Cleaners | 704 CONTRA COSTA Blvd | Dry Cleaner |
| Sisters Cleaners | 2215 MORELLO Ave | Dry Cleaner |
| Custom Care Cleaners | 2685 PLEASANT HILL Road | Dry Cleaner |
| Oak Park Cleaners | 1906 OAK PARK Blvd | Dry Cleaner |
| Paris Cleaners | 2393 PLEASANT HILL Road | Dry Cleaner |
| Pleasant Cleaners | 2626 PLEASANT HILL Road | Dry Cleaner |
| Dallimonti's Italian Restaurant | 1932 OAK PARK Blvd | Food Service |
| Mings | 2653 PLEASANT HILL Road | Food Service |
| URS Corporation | 3440 VINCENT Road C | Laboratory |
| Vogue Cleaners | 100 LONGBROOK Way 6 | Dry Cleaner |
| Hillcrest Shopping Center | 2239 MORELLO Ave | Property Mngt |
| Norge Village Cleaners | 220 GOLF CLUB Road | Dry Cleaner |
| Van Noy Catering | 131 LONGFELLOW Drive | Catering-Bus. |
| Three Brothers From China | 2001 CONTRA COSTA Blvd A50 | Food Service |
| PH Bargain Cleaners | 2001 CONTRA COSTA Blvd A30 | Dry Cleaner |
| Mark's Paints | 44 GOLF CLUB Road | Retail |
| Sunshine Cafe | 1908 OAK PARK Blvd | Food Service |
| Kragen Auto Parts | 505 CONTRA COSTA Blvd | Retail |
| 7-Eleven | 601 PATTERSON Blvd | Food Service |
| Hookstone Cafe | 3478 BUSKIRK Ave 130 | Food Service |

Monument 76 (Valero)
Pleasant Hill Chevron
Shell Station & Car Wash
Subtotal: 52

2300 MONUMENT Blvd
1705 CONTRA COSTA Blvd
606 CONTRA COSTA Blvd

Gas Station
Gas Station
Gas Station

Enforcement Reinspections

Central Building, LLC
Crestwood Healing Center
Chipotle
Jack's Restaurant & Bar
Toy's R Us #5803
Subtotal: 5

508 CONTRA COSTA Blvd
550 PATTERSON Blvd
60 CRESCENT Drive G
60 CRESCENT Drive 15A
568 CONTRA COSTA Blvd

Property Mngt
Assisted Living
Food Service
Food Service
Retail

Permitted IUs

APTwater Inc. - formerly Applied Process
Technology Inc.
Diablo Valley College
Subtotal: 2

2495 ESTAND Way
321 GOLF CLUB Road

Permitted IU
Permitted IU

Total Planned Inspections: 59

Total Annual Goal= 54



WATERSHED ACTION PROGRAM INTERIM REPORT

PREPARED FOR
THE CITY OF PLEASANT HILL

KIDS for the BAY
1771 Alcatraz Avenue
Berkeley, CA 94703

INTRODUCTION

KIDS for the BAY (KftB) is providing the Watershed Action Program (WAP) to two classes in the City of Pleasant Hill during the 2012-13 school year, reaching sixty four students, their families, and two teachers. We are thrilled to report that the students and teachers are learning a great deal about the watershed, aquatic life and pollutants that affect the environment and human health.

SUMMARY OF 2012-2013 CLASSROOM LESSONS

What is a Watershed?

Pleasant Hill Elementary School students live in and around the Murderers' Creek Watershed. The students were eager to learn more about the creek and how it is connected to their lives in the Watershed Action Program. During the first lesson, students learned that a watershed is an area of land that water flows over or through on its way to a river, creek, bay or ocean. The fifth graders were excited to learn the name of their local creek, bay and ocean.

Satellite Map Investigation

Students had the opportunity to study a large satellite map of the San Francisco Bay watershed. This map illustrates where the ocean and the rivers enter the bay and mix to form an estuary. One student, Cleo, raised his hand and shared his observation, "I never knew the bay was so big! It goes everywhere!"

KIDS for the BAY Instructor, Eugenia Clark, directed the students to point to the city of Pleasant Hill, the San Pablo Bay, the Pacific Ocean and other locations on the map. Students enthusiastically found these locations, demonstrating their newly acquired knowledge of the San Francisco Bay watershed. The fifth graders were especially excited to locate features on the map they were familiar with, including the City of Pleasant Hill and the Golden Gate Bridge. One student, Eva, enthusiastically stated, "I went to San Francisco before and crossed that bridge!"

Estuary Studies and Bay Models

The students learned important vocabulary and concepts, including *estuary*. Ms. Clark described how salt water from the Pacific Ocean combines with fresh water from the creeks and rivers, and asked the students where the water mixes together. To simulate this, the students participated in an activity to recreate the bay out of clay. Students added fresh water (clear) and salt water (blue) to their models. After the model building of the San Francisco Bay, one student Sophia shared, "I saw how the fresh water enters the bay from the rivers and the salt water enters the bay from the ocean, and then both waters mix in the bay."

Once the models were filled with water, the students brainstormed different types of pollution that could enter the bay. Ideas included oil, plastic bags, cans and bottles. Ms. Clark then put one drop of red food coloring, symbolizing pollution, into the bay and students watched as it quickly traveled throughout the water. This demonstrated how quickly and easily pollution can travel throughout the San Francisco Bay.

The Storm Drain System

During Lesson Two, students learned about the storm drain system and how it is different from the sewer system. They learned that water and pollution that enters storm drains is not cleaned before entering the bay. The students studied various forms of storm drain pollution, including trash, oil from leaking cars, car wash soap, paint, and pesticides. Students shared innovative ideas with Ms. Clark on how to prevent storm drain pollution from entering the watershed environment. One student, George, suggested, “The best way to prevent storm drain pollution is to not litter in the first place.”

Marine Debris

After learning how pollution can travel through the storm drain system, students looked at photographs of marine animals harmed by garbage and learned about the negative effects of marine debris. The students immediately had strong responses about the pollution harming the animals. Marisa, a fifth grader, shared, “A sea turtle can’t really tell the difference between a plastic bag and a jellyfish, and it’s sad that they die from something that humans put in the ocean.”

The students suggested ideas for how to help prevent the debris from entering the watershed. Ms. Clark asked the class what they could do to help the problem today, and unanimously the class exclaimed, “Go pick up the trash!”

Campus and Neighborhood Clean-Up

Both classes were eager to clean up their environment during the neighborhood clean-up. When the class arrived to the creek, Ms. Clark asked students to look closely at a pipe. “What do you see over there?” she asked. “It is a storm drain pipe!” shouted fifth grader, Jakob, excitedly. “And there is litter in it that is going into the creek!” exclaimed fifth grader Sadie, as she pointed to the plastic chip bag that was hanging off the edge of the pipe. Both classes observed this pipe, providing a vivid lesson on how litter travels through storm drains and into creeks.

The students at Pleasant Hill Elementary worked fervently to collect garbage. Near their school, students found numerous chip bags, plastic bags, bottles, cigarette butts, and other types of pollution. With each piece of garbage they collected, students recorded the type of garbage. One student, Eva, exclaimed, “I just found four pieces of plastic – there’s too much plastic in our environment!”

The students had an opportunity to teach a family member about pollution prevention during a take-home interview they completed with an adult. Many students shared that they taught their parents to not wash their cars in the street. Chloe, a student in Mr. Flaner’s class, said “My dad did not know that washing his car in the street pollutes the

watershed. He said he will try to go to car washes now, and I told him I will be watching to make sure he does.”

Dangers of Harmful Pesticides

During Lesson Three, students learned about toxic pollutants, such as pesticides, and how they can affect many food chains. The fifth graders excitedly participated in an activity in which they created a model that included a hill made of gravel, a small house, a plant, and San Pablo Creek. Ms. Clark explained how pesticides can enter the watershed through ground water and storm drains. Then “pesticide” represented by red food coloring was added to the model.

After they completed the models, Ms. Clark asked the students what they observed when it rained on their farms. “The rain washed the pesticides down into the rocks and then polluted the creek,” answered fifth grader Tomas. Ms. Clark then asked students to look at the water gathered under the rocks in their model and explained that the water found there was called groundwater. Fifth grade student, Avery, then raised her hand and said “So the pesticides not only polluted the creek, but they also polluted the groundwater.”

Bay Organism Investigations

Studying real bay organisms was a remarkable scientific experience for the fifth graders at Pleasant Hill Elementary. The students began with a seaweed investigation using their five senses, in which they compared two different kinds of seaweed. Using magnifying lenses to study the organisms more closely, they recorded their observations on notepaper. “The seaweed is slimy because it is from underwater,” remarked a student named Magdalena.

Students also enjoyed learning about the interesting anatomies of the Dungeness crab and striped bass. During the hands-on investigation they studied their organisms, exclaiming as they touched the scales of the striped bass or the claws of the Dungeness crab. Mr. Hotter’s class was eager to share all the new information they learned during the fish and crab investigation. “I learned that crabs have hair to keep sand out of their gills and feel movement in the water. I never knew crabs had hair,” said fifth grader Mari. A student named Avery shared “I learned that the striped bass is dark on top to camouflage with the bottom of the bay, and white on the bottom to camouflage with the surface of the bay.”

After the lesson, Mr. Hotter shared, “The kids really loved that lesson. We don’t get to do so much science as the focus is on math and language, but these activities give the students inspiration.”

Bay Food Chains and Biomagnification of Pollution

Students learned about aquatic food chains, and how pollution biomagnifies as it travels through organisms up a food chain. Students loved playing the Food Chain Game, which illustrated this concept. They role played as anchovies, salmon and humans, excitedly giggling and chasing one another to fit as much plankton as they could into their “stomachs.” After the educational game, Pleasant Hill students shared what they learned. “I learned all about the food chain, how one animal gets eaten by another,” said Maddie.

Students learned that pollution can harm people by traveling through a food chain. One student, Jessica, said, "If pollution gets into the water, then it can hurt us if we eat fish with pollution in it." Ms. Clark explained how pollution biomagnifies through the food chain. One student, Daniel, remarked, "I learned that if there are toxic things at the bottom of the food chain, then they can also get into a human's body."

Environmental Health and Taking Action

During the fifth classroom lesson, all the students compared and contrasted what it would be like to live in a healthy watershed with living in an unhealthy one. The students shared that a healthy watershed consists of clean air and water, as well as abundant wildlife. When the students had the opportunity to illustrate a healthy watershed, they included clean storm drains, clean creeks, trees, and animals. In their unhealthy watershed, they drew polluting factories, leaking car oil, pesticides and dead fish.

Pleasant Hill Elementary students in the Watershed Action Program are very motivated to take personal responsibility to help make their local watershed clean and healthy. Many students were concerned that too many of their neighbors wash their cars in the street. To remedy this problem, a student named Gillian suggested "I can write a letter to my neighbors to stop washing their cars in the street, and then I could put the letter in their mailboxes." Many students agreed that writing persuasive letters would be a good way to take action. The classes are planning to write the persuasive letters for their action project this spring.

Both Pleasant Hill classes will have the opportunity to visit the bay during their field trip to the Martinez Shoreline. During the field trip, students will experience the diversity of organisms that are part of a healthy watershed and also participate in clean-up activities. Highlights from the action projects and field trips will be included in the final report.



KIDS for the BAY

Watershed Action Program

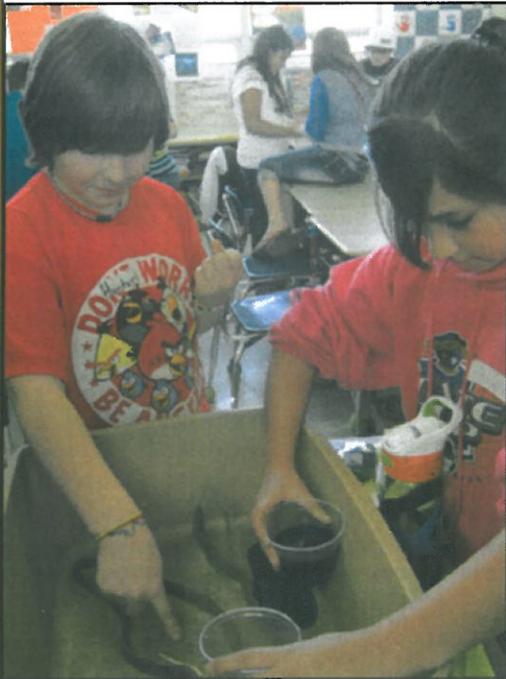
City of Pleasant Hill
Classroom Lesson Highlights
2012-2013 School Year



Lesson One: Our Watershed



Fifth grade teacher, Bill Hotter, helped his students identify bridges, cities and bodies of water on the satellite map.



Groups worked together to build a clay model of the San Francisco Bay.



Students did an experiment using an egg to test the density of salt water compared to fresh water.

Lesson Two: Taking Action for a Healthy Watershed

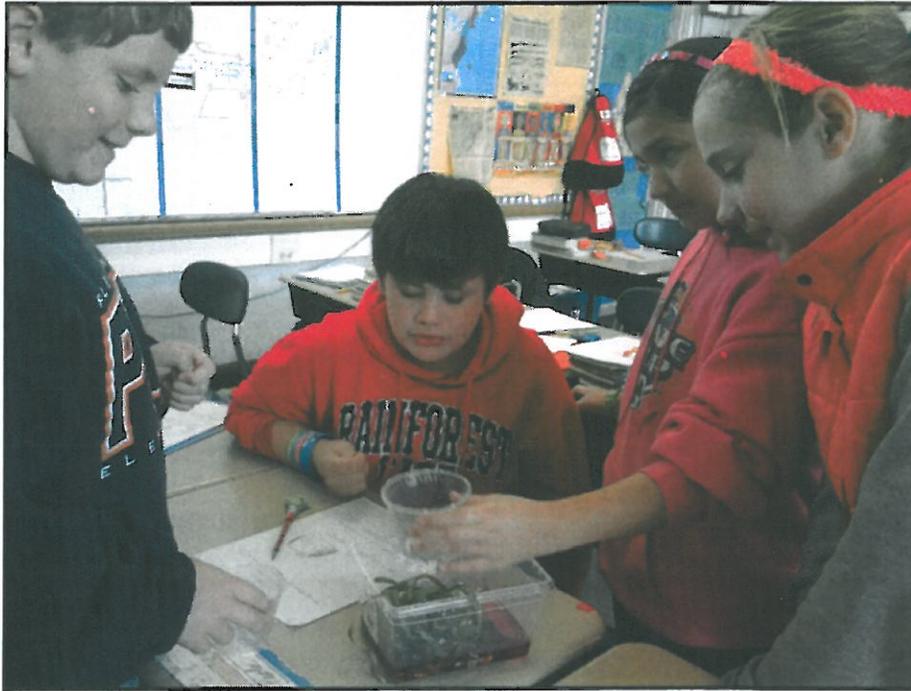


Pleasant Hill fifth graders surveyed the garbage they collected at the creek behind their school.



The students identified storm drains during the neighborhood walk.

Lesson Three: Watershed Environmental Health and Food Chains



Students conducted an experiment showing how pesticides travel through a watershed. Students predicted what would happen when it “rained” on their models.



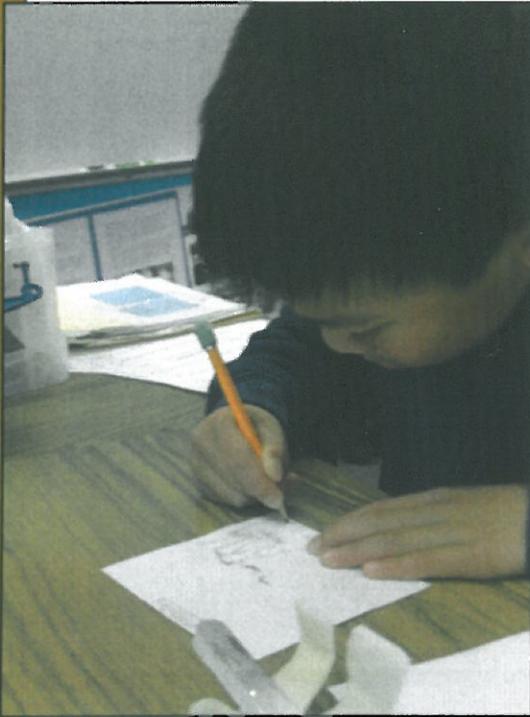
The fifth graders played the food chain game illustrating how pollution can biomagnify through a food chain.

Lesson Four: Bay Food Chains and Water Conservation



Pleasant Hill Elementary students investigated bay organisms such as striped bass and Dungeness crab.

Lesson Five: Environmental Justice and Taking Action



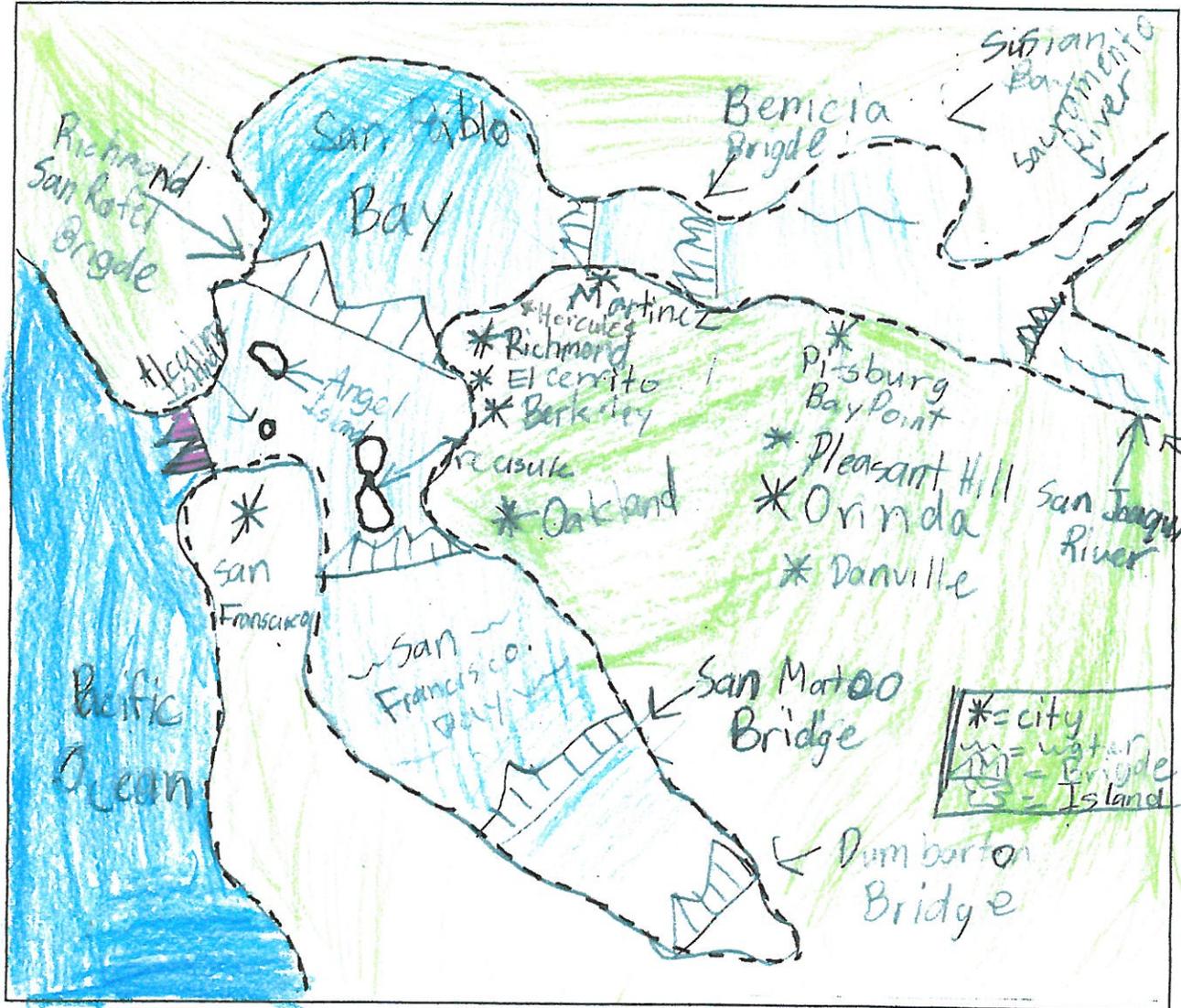
Students drew their own depictions of a “healthy environment” and an “unhealthy environment” and posted them on class collages.



Pleasant Hill Elementary School students learned about environmental justice leaders and presented to their classmates about these leaders.

KIDS for the BAY

1. Draw your Bay model by connecting the dotted lines.
2. Label the features (bodies of water, bridges, islands, cities, etc.).



2. Explain how the San Francisco Bay is an estuary.

The San Francisco Bay is an estuary, because the fresh water mixes with the salt water.

NAME: Carolyn #18.

KIDS for the BAY

BAY ANIMAL INVESTIGATION

1. What is the name of your bay animal?

Snappy the Dungeness Crab

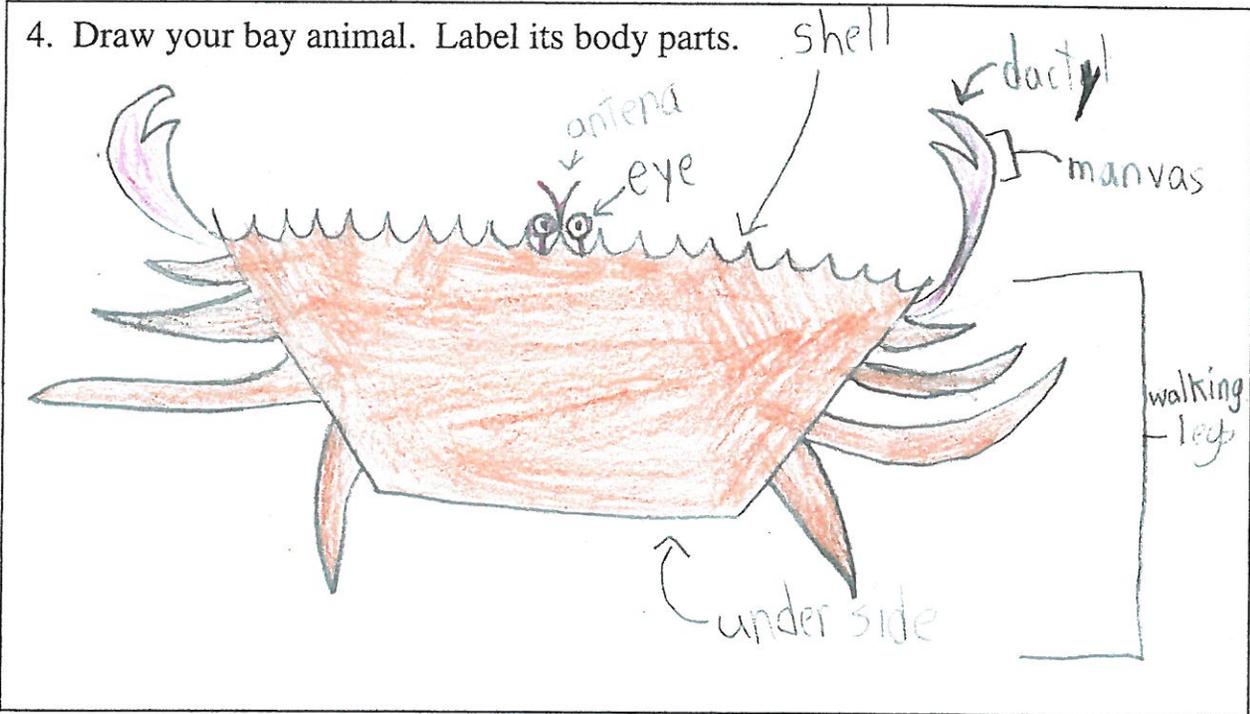
2. Write a food chain including your animal (for example: plankton → clam → gull).

seaweed → dungeness crab → human

3. Describe your bay animal (color, size, how it feels, smell, anything else interesting).

My bay animal is a medium sized, orangish-redish crab that smells very fishy. Snappy, my bay animal which is a dungeness crab, has a hard shell with one barnacle on it, but his under side is soft with a triangular tail.

4. Draw your bay animal. Label its body parts.





WATERSHED ACTION PROGRAM FINAL REPORT

PREPARED FOR
THE CITY OF PLEASANT HILL

KIDS for the BAY
1771 Alcatraz Avenue
Berkeley, CA 94703

INTRODUCTION

KIDS for the BAY (KftB) successfully provided the Watershed Action Program to two classes in Pleasant Hill reaching sixty-four students and two teachers during the 2012-13 school year. The program is now complete and we are pleased to report that teachers, students and students' families learned about their local watershed and were inspired to take action to improve the health of their watershed.

Mr. Bill Hotter and Mr. Dannis Flaner's fifth grade classes at Pleasant Hill Elementary School completed five classroom lessons, an action project and a field trip to the Martinez Shoreline.

The April 2013 Interim Report provided details on the classroom lessons completed earlier this school year. In this report you will find details and highlights from the action project, field trip and Follow-Up Program through written descriptions, quotes from teacher, student and family participants, photographs, samples of student work and teacher evaluations.

SUMMARY OF 2012-2013 ACTION PROJECT

Action projects are an integral component of the Watershed Action Program (WAP). They give students the opportunity to use the knowledge they gained during the classroom lessons to take action to protect their local watershed. KftB Instructors work with teachers and students to choose and implement action projects, which ensures that students' projects are appropriate for the school's location and the community's needs.

Persuasive Letter Writing

For their Action Project, Pleasant Hill Elementary fifth graders decided to write persuasive letters. They addressed the letters to family members and other students, urging them to change their behavior to reduce pollution in the environment. The fifth graders had strong statements to share, such as, "Don't throw trash on the ground because it affects the environment by going down storm drains. What I want you to do is to throw trash in the garbage can." In a letter to her mom and dad, a student named Kira wrote, "Please wash your car at the car wash instead of on the street so the pollution doesn't enter our food chain and put our bodies in danger." Other students wrote similar suggestions to their families.

Mr. Flaner stated that the action project experience was a great way for students to apply what they had learned and to share the information with someone in their community. "Persuasive letter writing is perfect for them because it is clear from doing the WAP program that they are really passionate about protecting the environment, and it is so important that they write on a subject they feel so strongly about. Writing about something they care about is crucial," shared Mr. Hotter. At the same time, the project fit

into the classroom learning objectives for writing and addressed CA State Standards for the fifth grade.

SUMMARY OF 2012-13 FIELD TRIP

Field trips are an important culminating component of the WAP. After students learn about their local watershed during the classroom lessons, they visit a creek, bay or delta habitat near to the school's community. Each field trip is tailored to meet the needs of the class and location, and provides an opportunity for students to study, explore and appreciate the natural world. The experience allows students to personally connect with a local natural environment and generate a deeper understanding of how local waterways and bodies of water are linked to their own school and homes.

Martinez Shoreline Field Trip

Pleasant Hill fifth graders had a wonderful day at the Martinez Regional Shoreline from start to finish! Ms. Clark and KftB Instructor, Bhavana Mody, led the students during their field trip activities. The fifth graders had the unique opportunity to tow plankton from the bay to investigate under microscopes. Students delighted in the opportunity to tow plankton using a plankton towing net. "This is so cool!" exclaimed Brayon, "This net can catch some tiny stuff!"

The fifth graders were also eager to view plankton in microscopes, as they had learned about plankton during their classroom lessons. One student proudly shared, "Plankton gets eaten by anchovies and anchovies get eaten by salmon!" The students learned how to focus the microscopes and view the tiny organisms. "They're so cool!" exclaimed one student, "Look at them wiggling around in there!" A parent commented, "It's amazing that so much life exists on that tiny slide." The plankton study was a very exciting way for the students to witness all the life that exists in our delta. One highlight of the plankton investigation was that the students observed a small larval fish in their plankton sample. One fifth grader named Melvin remarked, "I can see its eyes with my bare eyes! It is so tiny -- I can't believe we caught a fish that tiny. That's a cool creature."

The fifth graders were also very excited to learn how to identify shoreline birds. Using binoculars and field guides, they were captivated by the variety of shorebirds they were able to identify. Birds such as mallards, stilts, and coots were all visible to the students who watched them approach the shore. In pairs, students debated about the characteristics of the birds and shared their observations with one another. One fifth grade student, Kaylee, quietly showed her friends, "Look, it's a red-winged blackbird! I can see the red part on its wing." One parent showed the students a kingfisher diving in the water. One student, named Jacob, shared, "I am really happy we saw the kingfisher dive into the water." Students quietly watched in awe as a goose led her goslings into the water. With great affection the students decided to name the goose "Mother Goose!"

Students were very determined to pick up garbage along Martinez Shoreline. They collected over 1,100 pieces of garbage, which included cigarette butts, straw wrappers, candy wrappers and other pieces of plastic and paper. Mr. Hotter's class focused their clean up along the shore of the mouth of Alhambra creek. Walking amongst the creek's muddy banks, students continually expressed surprise and disappointment at how much litter lay hidden along the shore within the park. "Who are the people that litter their own park?" asked fifth grader Ethan. Kira replied to Ethan, stating "I bet a lot of this litter came off of the streets and through the storm drains." At the end of the activity, Megan, a student in Mr. Flaner's class, shared, "I feel proud that we help save all the birds from eating the trash." Another student, Gillian, shared, "I wish people didn't litter but I'm glad we helped." A parent commented to Ms. Mody, "I can't believe how excited the kids were to help the earth today."

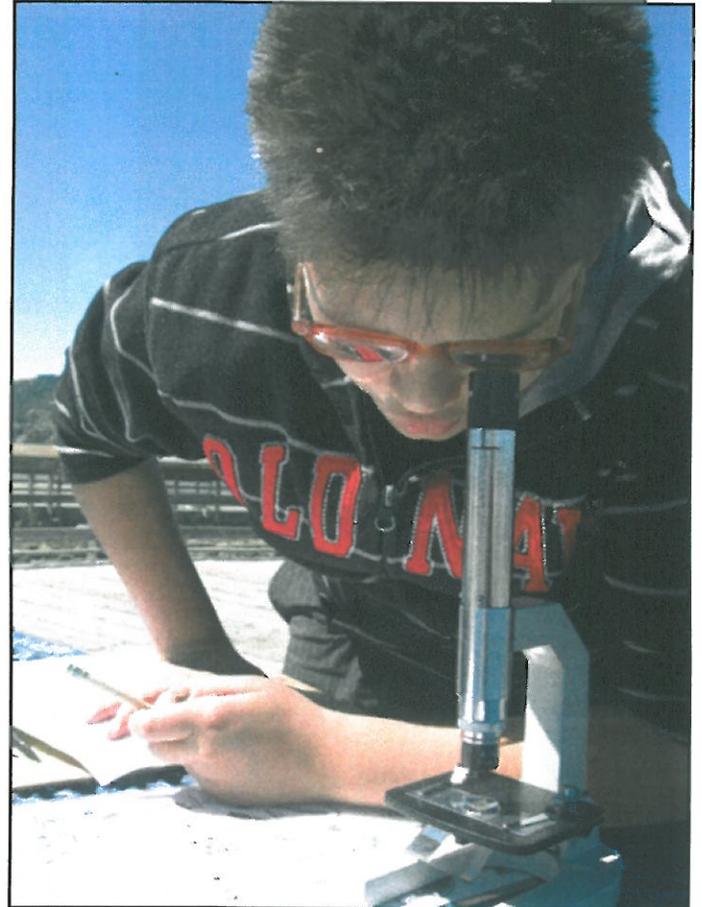
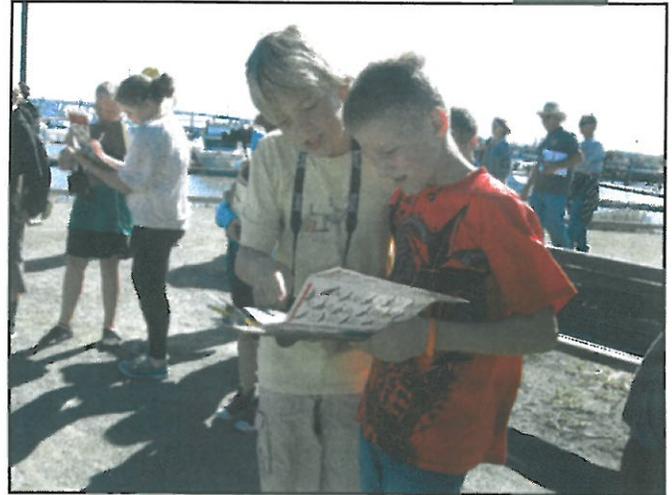
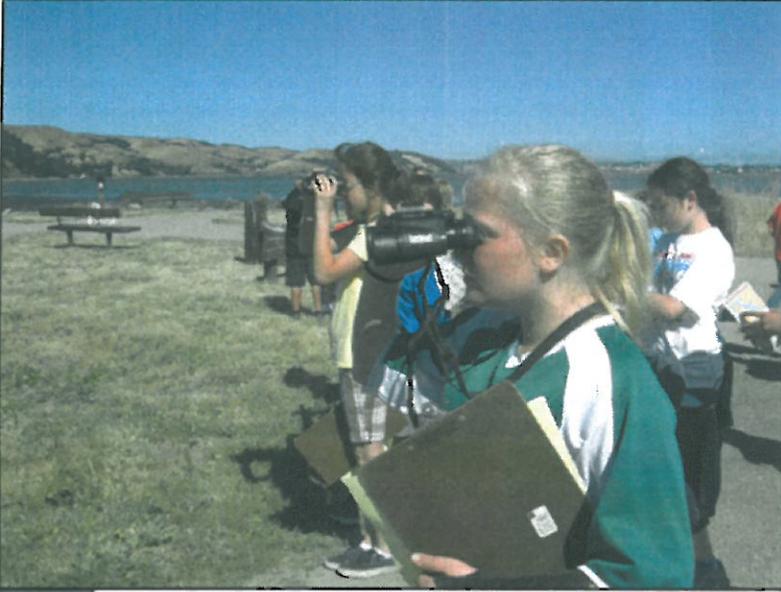
The field trip to the Martinez Shoreline was an exciting and memorable experience for the students, teachers and parent chaperones. Mr. Flaner and Mr. Hotter were very pleased with the field trip. Mr. Hotter shared, "It's so great to get them out here, directly exploring the environment and being scientists out in the field."

FOLLOW UP PROGRAM

During the 2011-12 school year, Ms. Sondra Runyan at Pleasant Hill Elementary was trained in the WAP. This school year she received an equipment kit in the fall and support to continue teaching the program. Ms. Runyan led a very successful follow up program and felt that the highlight was the making of the bay model. "The students become so excited to make the bay model. It is clearly one of their favorite in class activities," stated Ms. Runyan.

Ms. Runyan shared that the students also enjoyed the neighborhood clean-up activity and commented "I enjoyed taking the students out in the neighborhood to pick up litter and identify storm drains. Since then, they talk about picking up garbage constantly. Ms. Runyan greatly appreciated how the WAP curriculum fit right into the fifth grade California State Science Standards. She shared, "I really am appreciative that the equipment was available for me to borrow and feel excited to teach the program again next year."

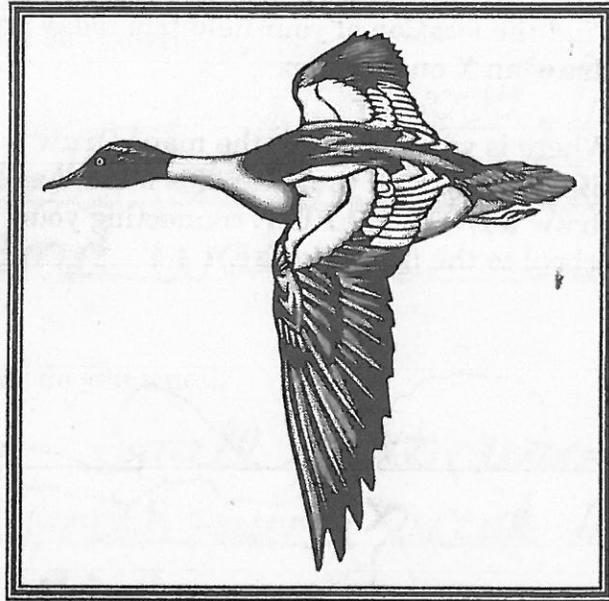
Field Trip: Martinez Shoreline



Mr. Hotter and Mr. Flaner's classes at Pleasant Hill Elementary studied the bay habitat during their field trip to the Martinez Shoreline. During the trip students observed plankton through microscopes, studied birds with binoculars, conducted a shoreline clean-up and participated in art activities.



Martinez Regional Shoreline Field Trip Journal



Name: *Lacey Marglin*

Date: *May 20, 2013*

Field Trip Site: *Martinez Shoreline*





Snowy Plover

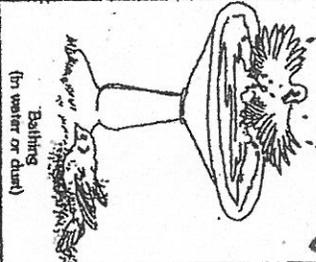
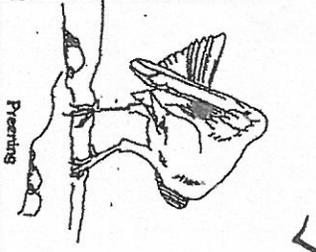
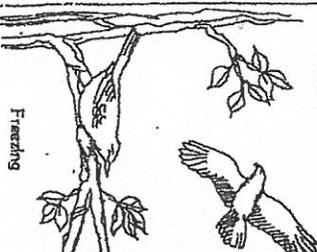
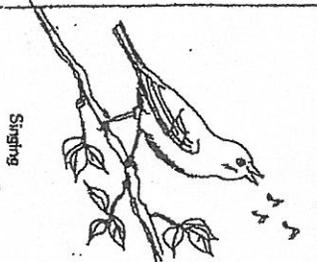
Shorebird Investigation

What are the shorebirds doing?

Western Gull



Look at the pictures of different bird behaviors below. If you see a bird doing that behavior, check off the box.

| | | |
|--|---|---|
|  Flocking |  Feeding |  Feeding |
|  Bathing (in water or dust) |  Giving an alarm call |  Preening |
|  Foraging |  Singing |  Flying |

Shorebird Investigation

Can you identify the birds at the Martinez Shoreline?

Use the bird field guides to identify the birds that you see. Choose 2 birds to write about and draw.

Name of bird:

Mallard Duck

Short description of bird:

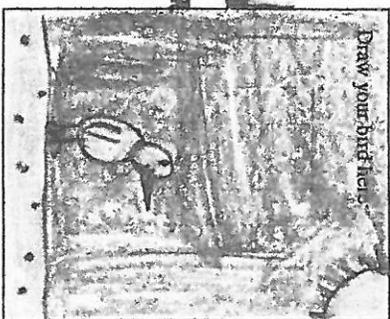
The female Mallard has mostly brown on its body. There are circles on this Mallard that is just a description of a mallard.

Name of bird:

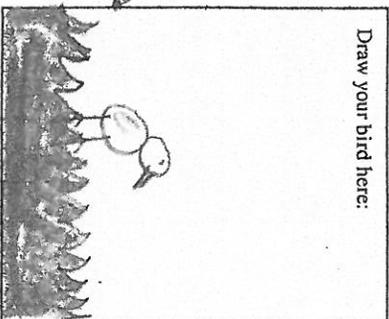
White Pelican

Short description of bird:

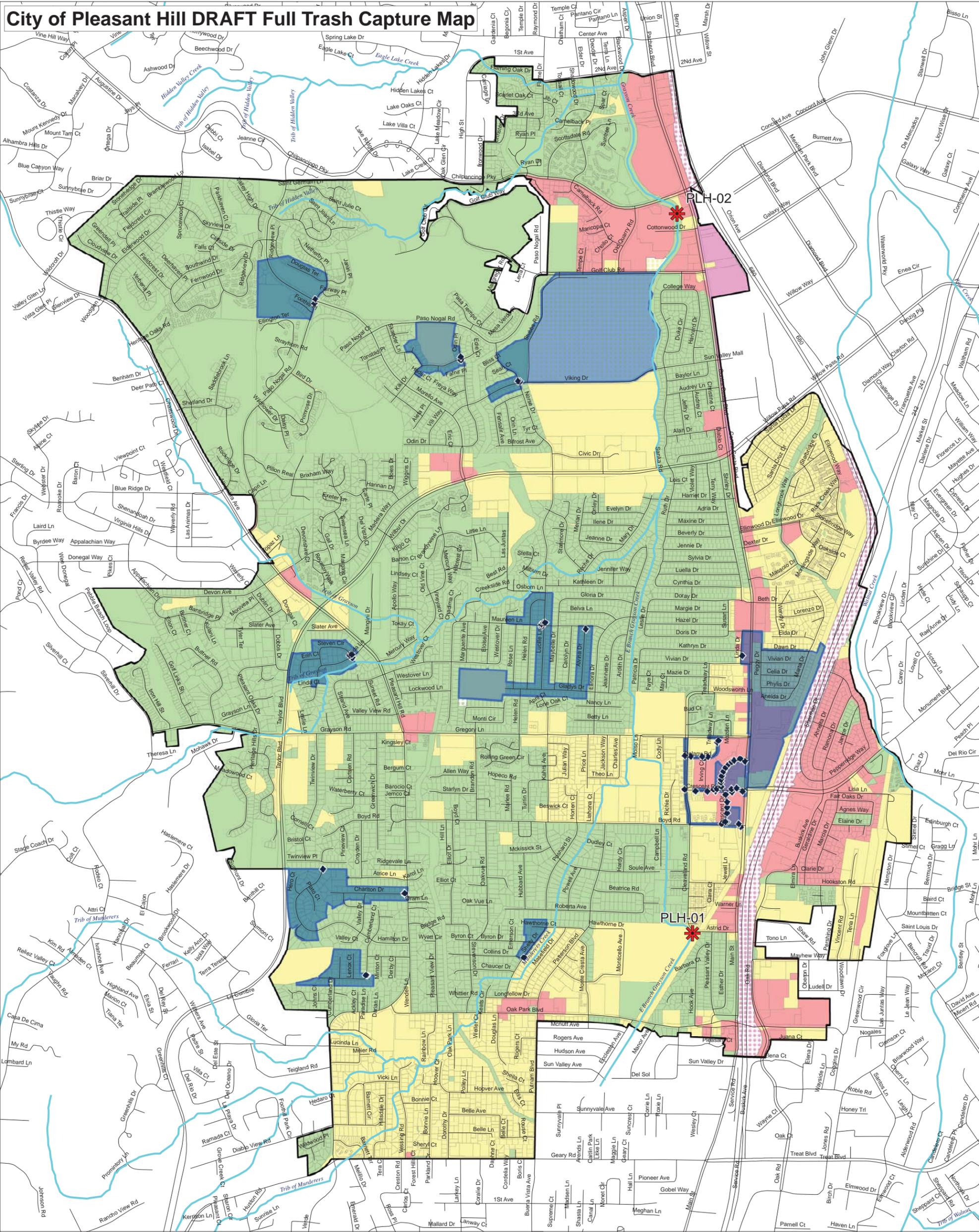
The White Pelican has white feathers and grey feathers.



Draw your bird here:



City of Pleasant Hill DRAFT Full Trash Capture Map



Legend

Trash Generation Category

- Low
- Medium
- High
- Very High

★ Creek/Shoreline Hotspot

◆ Full-Capture Location

Full Trash Capture

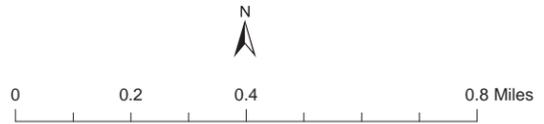
Non-Jurisdictional (Dot color = Generation Category)

— Streets

— Agency Boundary

— Creeks

— Parcel Boundary

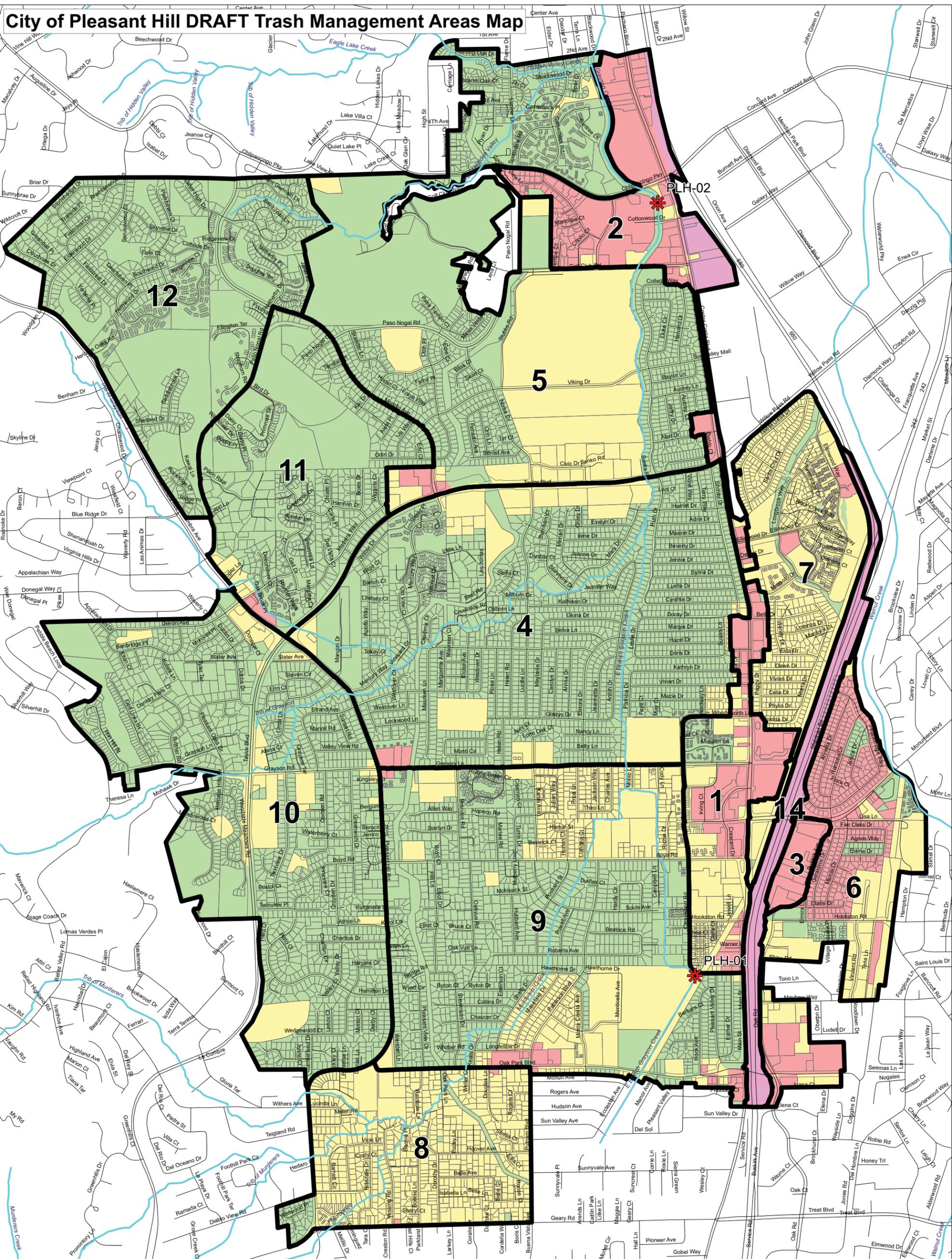


Data Sources:
 Roads: Tele Atlas
 City Boundaries: Contra Costa County
 Backgrounds: ESRI World Topographic Map

Map Created By:
 EOA, Inc.

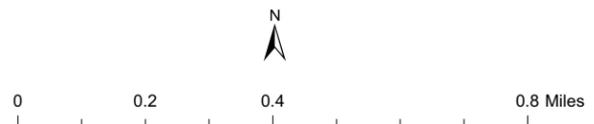
Date:
 September 9th, 2013

City of Pleasant Hill DRAFT Trash Management Areas Map



Legend

| | | |
|--|--|--|
| Low | Trash Management Area | Streets |
| Medium | Non-Jurisdictional (Dot color = Generation Category) | Agency Boundary |
| High | Creeks | Parcel Boundary |
| Very High | * Creek/Shoreline Hotspot | |



Data Sources:
 Roads: Tele Atlas
 City Boundaries: Contra Costa County
 Background: ESRI World Topographic Map

Map Created By:
 EOA, Inc.

Date:
 September 6th, 2013