DANVILLE

"Small Town Atmosphere
Outstanding Quality of Life"

September 15, 2011

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 2010 - 2011 Annual Report for the Town of Danville, 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,

TOWN OF DANVILLE

Joseph A. Calabrigo
Town Manager

Enclosure

510 LA GONDA WAY, DANVILLE, CALIFORNIA 94526

Administration (925) 314-3388 | Building (925) 314-3330 | Engineering & Planning (925) 314-3310 | Transportation (925) 314-3310 | Maintenance (925) 314-3450 | Police (925) 314-3700 | Parks and Recreation (925) 314-3400

FY 2010-2011 Annual Report
Permittee Name: Town of Danville

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Section 1 – Permittee Information

Background Information					
Permittee Name:	Town of Danville				
Population:	42,039				
NPDES Permit No.:	CAS612008 (San Francisco Bay RWQCB Permit) and/or CA00883313 (Central Valley RWQCB Permit)				
Order Number:	R2-2009-0074 (San Francisco Bay RWQCB) and/or R5-2010-0102 (Central Valley RWQCB)				
Reporting Time Period (month/year):	July / 2010 through June / 2011				
Name of the Responsible Authority:	Joe Calabrigo			**Title:**	City Manager
Mailing Address:	510 La Gonda Way				
City: Danville	**Zip Code:**	94526		**County:**	Contra Costa
Telephone Number:	(925)314-3302		**Fax Number:** (925)838-0548		
E-mail Address:	jcalabrigo@danville.ca.gov				
Name of the Designated Stormwater Management Program Contact (if different from above):	Chris McCann			**Title:**	Stormwater Pollution Control Coordinator
Department:	Engineering				
Mailing Address:	510 La Gonda Way				
City: Danville	**Zip Code:**	94526		**County:**	Contra Costa
Telephone Number:	(925)314-3342		**Fax Number**: (925)838-0360		
E-mail Address:	cmccann@danville.ca.gov				

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The Town of Danville participates in the countywide program's Municipal Operations Committee/Work Group. A new Corporation Yard SWPPP was completed last year that complies with the MRP and an annual inspection was conducted this year. Also, a new field screening form for creek inspections and cleaning was utilized this year to better record findings for annual reporting.

The Town has and continues to work with EBMUD to identify water requirements for Town-maintained areas. The Town utilizes the information from EBMUD as well as the information that has been provided on the water billings to check water usage. The water bills received now show how much water we used this year vs. last year and what is the recommended water usage for that area based on plant type. This information is shared with the site manager so proper irrigation adjustments can be made. The Town has 12 irrigated sites that are currently using ET information to adjust the watering schedules. Whenever possible we use this ET information to also adjust our other sites that do not currently have this capability. The Town also uses the ET information to make seasonal and weather related water adjustments.

The Town has identified areas where either drought tolerant or native plant material has replaced plant material that required more water. The Town has also eliminated turf in some areas and has bark mulched these areas eliminating water usage, and chemical use entirely.

The Town is currently in the process of attending demonstrations on central irrigation systems so that we can build bid specifications to ultimately purchase a central irrigation system that incorporates all of the Town maintained and irrigated sites under one system. Time table for implementation of the first phase now looks like spring of 2012.

Also see the C.2 Municipal Operations section of the countywide Program's FY 10-11 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 an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below:

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

Comments:

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

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

NA	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
NA	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: This year, the Town did not hire any mobile washing done, due to water conservation efforts. In past years, the contractor was required to be a BASMA certified mobile washer.

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

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

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

Comments:

In comparison to larger cities, Danville has a marginal graffiti problem on sound walls, buildings and bridge abutments. The tagging problem has noticeably improved in recent years, possibly due to security cameras being installed in some locations. Most tagging consists of a small amount of spray paint where Town staff can easily block it out with paint. This is done immediately within 24 hours in order to discourage additional tagging at the same location. Traffic safety signs usually are replaced if they are tagged because chemical paint removers will take off the retro-reflectivity of the sign.

C.2.d. ►Stormwater Pump Stations

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

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations[1] (add more rows for additional pump stations):

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

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

Summary:

Attachments:

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

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

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

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

Does your municipality own/maintain rural[2] roads:		**Yes**	x	**No**
If your answer is **No** then skip to **C.2.f**.				
Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:				
	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas			
	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources			
	No impact to creek functions including migratory fish passage during construction of roads and culverts			
	Inspection of rural roads for structural integrity and prevention of impact on water quality			
	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion			
	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate			
	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings			
Comments including listing increased maintenance in priority areas:				

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

C.2.f. ►Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

	We do not have a corporation yard
	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
x	We have a current **Stormwater Pollution Prevention Plan (SWPPP)** for the Corporation Yard(s)

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

x	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
x	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
x	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
x	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
x	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

On June 16th the Town's Stormwater Coordinator conducting a training session with the entire maintenance staff on stormwater prevention.

CAL OSHA Emergency Action Plan Training was conducted on Thursday, May 12 which included hazardous materials training.

If you have a corporation yard(s) that is not an NOI facility , complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	**Inspection Date** (1x/year required)	**Inspection Findings/Results**	**Follow-up Actions**
Town Of Danville Service Center	4/28/11	Pick up litter/debris around landscaper contractors area	Completed
		Mixed debris in street sweeping piles area should be sorted and in put in appropriate dumpster	Completed
		Clean out wash drain sump	Completed
		Some E-waste located in hazmat storage area can be recycled.	Items were recycled in next e-waste recycling event.
		A pile of wood chips were stored too close to a drainage inlet and some wood chips were caught in the drainage inlet catch basin insert. Clean and/or replace insert as necessary.	The wood chips pile was removed and utilized in a landscaping project w/in a few days. The catch basin insert was removed and cleaned. They will not store them that close to a drainage inlet again.
		Dirt pile tarp was blowing off. Dirt pile should be properly covered with tarp when not in use.	Pile was covered and comment acknowledged.
		New catch basin berming method with rock socks appears to be working well – good job!	Thank you!

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

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

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

Summary:

- **The Town of Danville's municipality's legal authority to implement C.3 comes from the Town's Stormwater Management and Discharge Control Ordinance. This ordinance was last revised in 2004 after the C.3. Regulations were adopted. It was modeled after the CCCWP model ordinance which was developed by a legal work group made up of three City Attorneys. The model was also vetted by several CCCWP committees and then adopted by the Town of Danville. This ordinance is currently being re-evaluated for updates and revisions by the CCCWP. When that process is finished (hopefully in FY 2011-12) the Town of Danville will re-adopt the recommended updates.**

- **The Town of Danville's development review and permitting procedures include a thorough plan review and plan checking process. C.3. submittal requirements are mandatory for all discretionary applications. The application submittal requirements for C.3. projects can be found online on the Town's website, http://www.ci.danville.ca.us/. C.3. discretionary projects are reviewed by staff from various departments at the pre-application stage to gather and coordinate each department's concerns early in the planning process. A Development Advisory Meeting (DAM) is conducted before the environmental checklist is complete in order to identify all the project issues early in the process and often again before the construction permits are issued. Danville Town planners, engineers, landscape architect, stormwater manager, engineering plan checkers, parks, maintenance and Fire District staff attend these meetings to discuss each project. At the DAM meetings, the project stormwater BMPs and IMP type, size and locations are evaluated to see how they will be incorporated into the project design. The Engineering Division prepares a set of Conditions of Approval for the Planning Division. Prior to approval of a discretionary project, the planner coordinates the list of all applicable conditions of approval for the project, including the Stormwater Control Plan (SCP). The project planner also follows the project from the beginning design phase and public hearing stages, through to the final improvement plan and construction phases of the project.**

  Prior to issuing any permits for the site, the project improvement plans are reviewed by Town staff for compliance with the project Conditions of Approval (this occurs at the Tentative Map, Development Plan, Improvement Plan or Final Map stages of the process). Also, later at the construction inspection phase of the project, the IMP facilities are inspected for consistency with the project constructions drawings, including the improvement and landscape plans.

- **Water quality effects and mitigation measures are addressed in environmental reviews through the CEQA process described above.**

- **C.3 training for Town Planners and Engineers is provided by the CCCWP at the countywide level as well as in-house training when regulations change. Also when new staff is hired, the Stormwater Manager will have a sit-down training session with each new**

employee to explain the Stormwater regulations and program. In November 2010 of this fiscal year, a Planner attended a CAL APA training session on LID Developments and two Engineering staff members attend the CCCWP Stormwater C.3. Compliance: Planning, Design and Construction of LID Facilities Workshop in May, 2011. Please see Attachment C.3.a. - Training - Slow the Flow - Make your Landscape Act Like a Sponge which was presented to Town Planners and Engineers on LID designs. Also On April 7th the Stormwater Coordinator presented a slide show on O & M facilities to Engineering staff and inspectors, see Attachment C.3.a. - O & M Facilities Slideshow.

- This year, two Town engineers were trained in the QSP/QSD requirements on March 28th - February 2nd and passed the test for these certifications.

- Danville encourages site design measures and source control measures at unregulated projects in the following various ways by encouraging (and sometimes "requiring" if a discretionary permit is involved): 1) Trash/recycling enclosures for commercial projects, 2) Disconnecting air conditioning condensate to landscape (or similar method), 3) Routing pool back-wash water to the sanitary sewer (or similar method), directing stormwater from large lot residential projects to be dispersed and infiltrated where appropriate and encouraging the use of C.3. BMPs where applicable.

- For Town construction projects, special Capital Improvement Project (CIP) meetings occur monthly for all CIP construction managers. At these meetings, broad construction and regulatory issues are addressed including stormwater regulations. At this forum, all project managers are also trained on new stormwater regulations and requirements. For example, a C.3 CIP checklist was incorporated into the CIP process last year to determine if a project is required to address C.3. All these requirements have been incorporated into the bid specifications for all CIP projects.

- This year, the Town added an inspection checklist for all construction activities involving the installation of C.3. facilities. This checklist is utilized for public and private projects. All CIPs and private projects are also required to do construction site and debris recycling.

- The Town of Danville is currently in the process of updating the Town's General Plan. Revisions are being proposed to expand and integrate water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge, and other sustainable development principles and policies. Adoption is anticipated in FY 2011-12.

C.3.b. ►Green Streets Status Report

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

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

Summary: **Please refer to the C.3 New Development and Redevelopment section of the countywide program's FY 10-11 Annual Report for a description of pilot green street project activities conducted at the countywide or regional level. In addition, the Town is currently pursuing the design of a small street CIP project containing on-street parking bays and a small parking lot that incorporates C.3 Green Streets features and IMPs.**

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

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

C.3.c. Low Impact Development Reporting

The Countywide program annual report and the BASMAA summary report describe the submittals made during FY 10-11 (i.e., Biotreatment Soil Specifications, Special Projects Proposal, Feasibility/Infeasibility Criteria Report, and Green Roof Specifications). Town staff also participates on the CCCWP Development Committee work group where these and other countywide or regional efforts are first reviewed and vetted. This work group also develops countywide guidance documents, and reviews all CCCWP Development-related work products prior to presentation to the Management Committee.

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:

2010 was the first year that the Town of Danville conducted O & M Inspections for sites that have mandated C.3. facilities installed for at least one full year including a rainy season. The O & M findings for one 8-lot subdivision inspection are included in this annual report this FY 2010-11. It was too late to report these findings in last year's annual report. However, a 45 day Final inspection was conducted for each lot in FY 2010-11, but not reported last year since that type of reporting was clarified for the cities that the RWQCB is requesting those final construction inspection results in the report year that the construction is completed. This reporting is being and will continue for all future projects. The process for conducting O & M inspections includes: Sending a notification letter to the owners of each lot in the subdivision in the summer and requesting the owners to fill out a self-inspection report form contained in the recorded O & M Agreement for each lot. As a courtesy, the letter included with the recorded O & M Agreement and Plan for the project and all inspection report forms. One form was returned for all 8 lots in the subdivision since they all hired one contractor to maintain all the facilities in the subdivision. A Town engineering inspector inspected the subdivision in the Fall prior to the rainy season and found no problems with the project C.3. facilities.

For Fiscal year 2011-12, a notification letter was sent out in the summer to all owners of sites that have mandated C.3. facilities. The letter supplied them with a courtesy copy of the recorded O & M Agreement and Plan for the site and all inspection report forms. They were requested to supply the Town with the self-inspection report prior to the Town's inspection in late August/early September, prior to the rainy season. This year, five letters were sent to the property owners of three projects – one condominium project, a three-lot residential subdivision, and one church project. The Town engineering inspector's annual O&M inspection results will be reported in next year's annual report. However, Town staff conducted visual inspections of all C.3. facilities throughout the rainy season this past winter and found all the IMPs to be functioning adequately and anticipates no major problems with the upcoming inspections.

(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:

In the future when more projects come on-line, the Town will need to begin to prioritize the re-inspections of each site based on land use and potential to pollute. If a site's IMP does not appear to be functioning as well as it used to be, that site inspection will be a high priority. Until then, the Town plans to inspect each C.3 site upon the completion of construction and after one year (including a rainy season) to remind the new property owners that they need to inspect and maintain the C.3 facilities throughout the year in order for them to properly function.

The Town was originally concerned that new single family property owners would not be as knowledgeable with the new C.3. regulations, and that they would be concerned that the maintenance requirements are too onerous. Fortunately the one project that was reported on this year contains all "Green-building" features and the owners of these homes were aware that this development was an entirely Green project.

Lessons learned:

1) **As a result of working on projects for a few years that contain these facilities, the Town is convinced that all C.3. facilities must be located near the front of the site in order to be accessible for inspections.**
2) **The reminder notification and inclusion of the recorded O & M Agreement and Plan serve to create a lot of good will the property owners so they don't have to research and find the recorded documents from when they purchased the home/business. This provides a sound foundation for good communication between the Town and each property owner if maintenance becomes a concern.**

C.3.b.v.(1) ►Regulat□d Projects Reporting T□ble (part 1) – Projects Approved During the Fiscal Year R□por□i□g□Period

Project Name Project No.	Project Location[3], □treet Address	Name of Developer	Project Phase No.[4]	Project Type & Description[5]	Project Watershed[6]	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²)	Total Replaced Impervious Surface Area (ft²)	Total Pre-Project Impervious Surface Area[7] (ft²)	Total Post-Project Impervious Surface Area[8] (ft²)
Private Projects											
MS851-2010 - Heinzer	767 Dolphin Drive	James Heinzer	N/A	Minor Subdivision/New Single Family Home	Green Valley Creek	71,003 s.f.	9,500	6,980 s.f.	6,080 s.f.	9,640 s.f.	13,060 s.f.
LEG10-02 & LEG10-03 – Casale	Northeast corner of Camino Tassajara and Tassajara Lane	Casale Family Trust	N/A	General Plan Amendment, Planned Unit Development Rezoning, Major Subdivision (7 Lots)	Sycamore Creek	34,848 s.f.	34,848 s.f.	26,343 S.F.	0 s.f.	0 s.f.	26,343 s.f.
MS852-0010 & DEV10-0069 – Ramona Road	147 Ramona Road	Joseph Duffel	N/A	Minor Subdivision to create 3 single family lots with 3 new residences	Green Valley Creek	59,667 s.f.	59,667 s.f.	13,840 s.f.	4,839 s.f.	4,839 s.f.	13,840 s.f.
DEV10-0064 – Danville Hotel	411 Hartz Avenue and 111 and 165 East Prospect Avenue	Danville Holdings, LTD. & Castle Companies, Inc.	N/A	Development Plan to allow construction of 34,585 sq. feet of new retail/restaurant/and residential space. And preservation of Historic Danville Hotel	San Ramon Creek	56,524 s.f.	53,054 s.f.	51,054 s.f.	51,054 s.f.	53,060 s.f.	54,012 s.f.

[3] Include cross streets
[4] If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".
[5] Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.
[6] State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s)
[7] For redevelopment projects, state the pre-project impervious surface area.
[8] For redevelopment projects, state the post-project impervious surface area.

Public Projects

Osage Park North Parking Lot expansion	816 Brookside Dr	Town of Danville	N/A	Parking lot renovation and expansion	San Ramon Creek	1.7 Ac (75,715 SF)	1.7 Ac (75,715 SF)	6,704 SF	48,061 SF	48,825 SF	54,765 SF

Comments:

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

Project Name Project No.	Application Deemed Complete Date[9]	Application Final Approval Date[9]	Source Control Measures[10]	Site Design Measures[11]	Treatment Systems Approved[12]	Operation & Maintenance Responsibility Mechanism[13]	Hydraulic Sizing Criteria[14]	Alternative Compliance Measures[15/16]	Alternative Certification[17]	HM Controls[18/19]
Private Projects										
MS 851-2010 (Developer - Heinzer)	6/18/10	9/28/10	Applicable items listed in Appendix D of the CCCWP C.3 guide Book – e.g. Efficient landscape irrigation systems, curb markers, C & D recycling	Infill project, minimized impervious surfaces with use of a shared driveway and large lot res'l.	Bio-retention facility	Property owner	N/A	N/A	N/A	N/A
LEG10-02 & LEG10-03 – (Developer – Casale/Ryder Homes)	6/18/10	12/21/10	Applicable items listed in Appendix D of the CCCWP C.3 guide Book – e.g. Efficient landscape irrigation	Infill project, minimized impervious surfaces with use of shared driveway s.	Bio-retention facility	Property owner	N/A	N/A	N/A	N/A

[9] For private projects, state project application deemed complete date and final discretionary approval date.
[10] 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.
[11] 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.
[12] 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.).
[13] 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.
[14] 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).
[15] 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.
[16] 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.
[17] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[18] If HM control is not required, state why not.
[19] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Application Deemed Complete Date[9]	Application Final Approval Date[9]	Source Control Measures[10]	Site Design Measures[11]	Treatment Systems Approved[12]	Operation & Maintenance Responsibility Mechanism[13]	Hydraulic Sizing Criteria[14]	Alternative Compliance Measures[15/16]	Alternative Certification[17]	HM Controls[18/19]
			systems, res'l over parking, curb markers, C & D recycling							
MS852-0010 & DEV10-0069 – Ramona Rd. (Developer - Darryl Alexander)	9/19/10	10/16/10	Applicable items listed in Appendix D of the CCCWP C.3 guide Book – e.g. Efficient landscape irrigation systems, C & D recycling, correction of a historic drainage and erosion problem.	Large lot res'l infill project w/ minimal grading of the hillside.	Bio-retention facilities	Property owner	N/A	N/A	N/A	N/A
DEV10-0064 – Danville Hotel (Developer - Castle Construction)	10/03/10	3/22/11	Applicable items listed in Appendix D of the CCCWP C.3 guide Book – e.g. Efficient landscape irrigation systems, trash enclosure BMPs, control of AC condensate, parking structure	Infill commercial project w/ underground parking structure and use of community shared parking structure across the street, res'l over commercial land uses	In-ground flow-through planters and bio-retention facilities	Property owner	C.3.d.(2)c.	Off-site Municipal Parking lot across the street will be retrofitted with bio-retention ponds in place of an equal amount of project impervious area treatment.	N/A	Yes, underground storage and LID

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

Project Name Project No.	Application Deemed Complete Date[9]	Application Final Approval Date[9]	Source Control Measures[10]	Site Design Measures[11]	Treatment Systems Approved[12]	Operation & Maintenance Responsibility Mechanism[13]	Hydraulic Sizing Criteria[14]	Alternative Compliance Measures[15/16]	Alternative Certification[17]	HM Controls[18/19]
			drainage plumbed to Sanitary Dist. and C & D recycling,							

Comments:
DEV 10-0064 / Danville Hotel - Please see the "Guidance on Flow Control Memorandum" prepared by the CCCWP, regarding flow control compliance for previously developed sites. This memo outlines the approach for compliance for sites similar to the Danville Hotel project where most of the project's existing impervious surface is replaced with new impervious surface.

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

Project Name Project No.	Is Funding Committed?[20]	Date Construction Scheduled to Begin[20]	Source Control Measures[21]	Site Design Measures[22]	Treatment Systems Approved[23]	Operation & Maintenance Responsibility Mechanism[24]	Hydraulic Sizing Criteria[25]	Alternative Compliance Measures[26/27]	Alternative Certification[28]	HM Controls[29/30]
Public Projects										
Osage Park Parking Lot expansion	Yes	Summer 2011	Curb Markers, C & D recycling	Efficient parking layout to minimize impervious area	Bioretention Facility	O & M by Town of Danville	C.3.d.(2)c.	No	No	Yes, retention pond with orifice outfall control.
Comments:										

[20] For public projects, enter "Yes" or "No" under "Is Funding Committed?" and enter a date under "Date Construction Scheduled to Begin".
[21] 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.
[22] 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.
[23] 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.).
[24] 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.
[25] 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).
[26] 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.
[27] 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.
[28] Note whether a third party was used to certify the project design complies with Provision C.3.d.
[29] If HM control is not required, state why not.
[30] If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), biodetention unit(s), regional detention basin, or in-stream control).

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

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

In addition to conducting the following formal inspections, all of these sites were inspected and photographed this past winter during a high rain event when most facilities were at overflow stage. They were also inspected two days later, after the rain stopped. Town staff found that all the sites' IMPs had fully drained.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)[31]	Party Responsible[32] For Maintenance	Date of Inspection	Type of Inspection[33]	Type of Treatment/HM Control(s) Inspected[34]	Inspection Findings or Results[35]	Enforcement Action Taken[36]	Comments
PUD 2005-01 & SD 9058 – Rhett Place.	Rhett Place – 8 lot res'l subdivision	no	Property owners	11-5-10	routine	Bioretention facilities on each site	Proper O & M, no problems noted	n/a	n/a
Danville Congregational Church	989 San Ramon Valley Blvd.	yes	Property owners	August - 2010	45 day final Bldg Permit inspection	Bioretention facilities	Proper installation	none	n/a
MS 851-2007 – Parcel A	141 Ester Lane	yes	Property owners	April - 2010	45 day final Bldg Permit inspection	Bioretention facilities	Proper installation	none	Portion of driveway was discovered to not drain properly after site BP was signed off.
MS 851-2007 – Parcel B	145 Ester Lane	yes	Property owners	April 2010	45 day final Bldg Permit inspection	Bioretention facilities	Proper installation	none	n/a
MS 851-2007 – Parcel C	305 W. Linda Mesa	yes	Property owners	April 2010	45 day final Bldg Permit inspection	Bioretention facilities	Proper installation	none	Existing home retrofitted with C.3. facilities, hold placed on all future Bldg Permits for remodel and/or addition.
Community Presbyterian Church	217, 221, 222, 233 W. El Pintado	yes	Property owners	November - 2010	45 day final Bldg Permit inspection	Bioretention facilities and Filterra unit	Proper installation	none	Winter 2010 a SD pipe clogged and Town inspectors responded,

[31] Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.
[32] State the responsible operator for installed stormwater treatment systems and HM controls.
[33] State the type of inspection (e.g., 45-day, routine, follow-up, etc.).
[34] 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.
[35] State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).
[36] State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

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

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

In addition to conducting the following formal inspections, all of these sites were inspected and photographed this past winter during a high rain event when most facilities were at overflow stage. They were also inspected two days later, after the rain stopped. Town staff found that all the sites' IMPs had fully drained.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO)[31]	Party Responsible[32] For Maintenance	Date of Inspection	Type of Inspection[33]	Type of Treatment/HM Control(s) Inspected[34]	Inspection Findings or Results[35]	Enforcement Action Taken[36]	Comments
									and professional contractor hired to correct problem. Issue was reported in the illicit discharge section of the annual report.

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

Program Highlights

Provide background information, highlights, trends, etc.

The Town of Danville's Business Plan was updated this year (Attachment C.4) and the Town's revisions include 1) Adding attachments listing the total number of industrial and/or commercial businesses requiring inspection, 2) Updating the description of the process for prioritizing inspections, and 3) describing how to include newly opened businesses in the inspection rotation. In addition, the Town annual updates the business inspection list, and this year emphasis was given to Permitted IU facilities. The Town's Stormwater Coordinator serves on the CCCWP Municipal Operations Committee. This committee updated the Model Business Inspection and Model Enforcement Response Plans for the CCCWP and all co-permittees. Please see the C.4. Industrial and Commercial Site Controls section of the Program's FY 10-11 Annual Report for a description of activities of the countywide program and/or the BASMAA Municipal Operations Committee.

C.4.b.i. ► Business Inspection Plan

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

If No, explain:
See Attachment C.4.b.i. - Business Inspection Plan 2011 was revised and updated this year.

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(1) – Total Number of Commercial and Industrial Businesses*** is now an attachment to the Town's Business Inspection Plan.

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

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

See ***Attachment C.4.b.iii(2) – CCCSD Planned Inspections FY 2011-12*** is now an attachment to the Town's Business Inspection Plan.

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.

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

	Number	Percent
Number of businesses inspected (if known)	40	
Total number of inspections conducted	59	
Number of violations (excluding verbal warnings)	3	
Sites inspected in violation	3	
Violations[37] resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	3	

Comments:

CCCSD uses the Warning Notice and Notice of Violation forms to address both pretreatment and storm water violations documented during implementation of the CCCSD approved pretreatment program and services under the CCCWP inspection services agreement. Both documents use the phrase "How you intend to correct the problem" which provides flexibility for the cited business to either record how they corrected the problem if it was completed before their written response is submitted, or how they will correct the problem if more time is needed to completely address the condition being cited. In response to the feedback received during the RWQCB audit, CCCSD has adjusted the method used to verify that a cited business returns to compliance in order to meet the MRP standards. For example, field verification is conducted when a business is cited for a documented pollutant discharge or pollutant exposure within 10 business days.

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)	6
Potential discharge and other	4

Comments:

Discharges at a particular site are generally counted as one discharge per inspection per site, but this year there were two NOV sites that had both a discharge and pollutant exposure on the site (for this report, these inspections were counted as one NOV enforcement action).

Clarification of terminologies when reporting inspection activities is continuously being improved upon in this annual report. In general, we are

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

moving toward using the term "Pollutant Exposure" when issuing Warning Notices but there may be situations when it's appropriate to cite a "Pollutant Discharge" using a Warning Notice. For example, three businesses that were reported as a "Pollutant Discharges" were for washing activities where residual water was observed, not the actual washing activity; or the discharge did not actually reach a storm drain. In these cases, the business owner took responsibility for notifying his employees/contractor that the practice needed to be stopped. These citations could have been called a "Pollutant Exposure", but were reported by CCCSD to the Town in a summary of actions as a "Pollutant Discharge." Based on the information available to the CCCSD inspector, these sites were issued a Warning Notice instead of a Notice of Violation.

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)[38]	**Number of Enforcement Actions Taken**	**% of Enforcement Actions Taken[39]**
Level 1	Warning Notice, education materials provided, 10 day re-inspect	5	62%
Level 2	Notice of Violation, education materials provided, 10 day re-inspect	3	38%
Level 3	n/a		
Level 4	n/a		
Total		8	100%

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

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

Business Category[40]	**Number of Actual Discharge Violations**	**Number of Potential Discharge Violations**
Food Service	2	4
Vehicle Service	1	
Retail		1
Bar Only		1

[38] Agencies to list specific enforcement actions as defined in their ERPs.
[39] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[40] List your Program's standard business categories.

C.4.c.iii.(4) ►Non-Filers

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

Danville is unaware of Industrial GP non-filers during this fiscal year.

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 – Attachment C.4.d.iii- Ind'l/ Com'l Inspection Training	February 24, 2011	• Overview of Model Business Inspection Plan and Model Enforcement Response Plan. • Contra Costa Green Business Program • Sampling and Assessing NOI Facilities • Identifying Mercury, PCBs, and Copper in the Field • Stormwater Compliance and Case Studies • Sewer Overflows • Stormwater Compliance and Enforcement	CCCSD 7 TOD - 1	CCCSD 88% 100%
CWP Priority Pollutant Workshop	7/22/10	Priority Pollutant Identification and Control	CCCSD 7	CCCSD 88%
CWEA Pretreatment, Pollution Prevention, and Stormwater Annual Conference	2/28 -3/2/11	• Stormwater BMPs • Inspector training sessions • Outreach	CCCSD 5	CCCSD 63%
CWEA Annual Conference	4/13-15/11	• Stormwater BMPs • Outreach	CCCSD 1	CCCSD 13%

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

Program Highlights

Provide background information, highlights, trends, etc.

This year, the Town utilized a new inspection form for collection system screening activities. This information was utilized by the Stormwater Coordinator to pursue illicit discharges that were found. For example, the high school was targeted to pursue trash reduction programs with the student population. Please refer to the Trash and PIO sections of this report for further explanation of the trash reduction efforts implemented this year at the high school. The number of Illicit discharges is relatively the same number and type as last year. The Town's Illicit Discharge Plan was updated this year as well. The Town conducted the Trash Hot Spot assessment in the Spring of 2010 before the end of the previous fiscal year and reported all findings in last year's annual report. As previously reported, the Town intends to continue this assessment in the Fall of 2011 since the creek will not be as overgrown and trash pick-up will be more productive. The Town's Stormwater Coordinator also participates in the countywide program's Municipal Operations Committee work group. Please see the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 10-11 Annual Report for description of activities at the countywide or regional level.

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

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

Contact	Description	Phone Number
See Attachment C.5.c.iii – Call out List		

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

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

Description: During business inspections, owner of all restaurants, gas stations, parking lots, plazas are asked (as a part of the inspection) to explain how mobile washing is done and if it done by a CCCSD permitted mobile washer who may also be a BASMA certified mobile washer. The Town of Danville always hires certified mobile washers, but this year no mobile washers were hired by the Town due to water conservation efforts. When the Town responds to complaints/observations of illicit discharges for a mobile washer, staff would Contact the Engineering Division and apply the Town ERP. The operator would be directed to implement the BMPs recommended by the BASMAA Mobile Surface Cleaners Program. No enforcement efforts of this kind were found in the Town of Danville this year. Also please refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 10-11 Annual Report for a description of efforts by countywide committees/work group and the BASMAA Municipal Operations Committee to address mobile businesses.

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

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

Description:

In general, the Town tracks maintenance of all drainage facilities annually. The Town started its annual creek and drainage inlet cleaning in July and completed it prior to the onset of the rainy season on October 15th. All creek cleaning is typically done manually and no pesticides or herbicides were used this year. All trash racks and hot spot drain inlets are constantly checked and cleaned when necessary throughout the rainy season. In addition to the hot spot areas of Town, Jim Parke the Town Drainage Maintenance Supervisor, directs and coordinates which inlets will be cleaned. The Town also has emergency storm patrol staff on call around the clock during the rainy season to help avoid any potential drainage issues. Annually, the Town applies for a California Department of Fish and Game (DFG) permit to do creek maintenance activities. This permit requires that the Town to send a quarterly letter to DFG describing all work to be done in the Town's creeks and ditches. All work is completed by October 15th of each year per their regulations.

The following is a summary of our collection screening issues in the Town-maintained creeks/drainage ditches that were detected:

2 minor reports of sediment in drainage ditches from the higher elevations in the hills – field observations were inconclusive

2 sites with brackish waters detected – re-inspection found no further evidence or sources

1 landscape debris – code enforcement follow-up

1 trash area identified – High School trash reduction efforts were implemented

No changes to the locations of the screening points are recommended, but the sites with issues previously detected will be re-inspected next year to see if there is a trend. High School trash reduction efforts were implemented this year and are discussed in the C.10 Trash Reduction and C.7 Public Education sections of this report.

A Town goal is to clean and/or inspect at least 500 new catch basin inlets each year, on a rotating basis. This year, a total of 811catch basins were cleaned and/or inspected, as compared to 1,163 last year. Maintenance staff reports that last year's catch basin maintenance efforts were higher because the rains came early in the season and many more drains were needing cleaning due to the excessive leaf fall that clogs drains. Maintenance crews never flush drainage lines, they always manually or mechanically clean out the silt and debris themselves or contract it out to an outside company with Town staff supervision. This year Maintenance staff report that the rains were relatively moderate and there were mare rain events later in the season than usual. Since the rains were late this year, the street sweepers were able to pick up the Fall leaves in the stree gutters more regularly in advance of the rains, thus the storm drains did not need as much cleaning as last year. The Maintenance Division activities, hours and debris quantities are tracked in a computerized system. Storm Patrol maps are also utilized to coordinate drainage maintenance efforts which include an overall wall map that divides the Town into four geographic zones and several back-up sheets that detail out each specific drainage area.

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))	6	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	4	
Discharges resolved in a timely manner (C.5.f.iii.(3))	2	

Comments:
See Attachment C.5.f.iii(1) for details on the Town's Illicit Discharge Plan

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

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

Of the 6 complaints received, there was one of each of the following:

- Pool Discharge - This issue was not present when visiting site. PIP Pool/Spa brochure and business card placed at the door w/ note.
- Sediment erosion from CalTrans – Town maintenance staff blocked drainage inlet w/ rock bags immediately upon discovery and reported erosion problem to CALTRANS, who fixed it eventually. Town re-inspected site daily until it was fixed. We identified a communication problem that CALTRANS had not informed Town staff that there were staff changes.
- Drainage issue between neighbors – This was not a Town issue, but a civil matter
- Alteration of a drainage facility – homeowner placed broken driveway asphalt along the banks of a small creek. Town sent violation letter and reported it to Army Corp, Fish and Game and RWQCB. The site was remediated quickly and returned to natural state.
- Car fluid dripping – code enforcement visited site and didn't find an issue.
- Drain at Horse Corral – Photos taken, violation letter in progress

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ►Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	**Number of sites disturbing ≥ 1 acre of soil** (C.6.e.iii.1.b)	**Total number of storm water runoff quality inspections conducted** (C.6.e.iii.1.c)
#5	#2	#11
Comments: The Town had seven grading permits open during the fiscal year, two of which were over one acre. A total 42 inspections were conducted during the year. However, one of the sites over one acre is inactive, and is considered a low priority. The site was still inspected to ensure that the erosion control was adequate and in place for the rainy season.		

C.6.e.iii.1.d ►Construction Activities Storm Water Violations		
BMP Category	**Number of Violations[41]**	**% of Total Violations[42]**
Erosion Control	3	27%
Run-on and Run-off Control	2	18%
Sediment Control	3	27%
Active Treatment Systems	0	0%
Good Site Management	3	27%
Non Stormwater Management	0	0%
Total	**11**	**100%**

[41] Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.
[42] Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

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

	Enforcement Action (as listed in ERP)[43]	Number Enforcement Actions Taken	% Enforcement Actions Taken[44]
Level 1	Warning Letter #G-4135	1	34%
Level 2	Notice of Violation - Grading Permit #G-4138 and Verbal Notice to Comply – Grading Permit #G-4139	2	66%
Level 3			
Level 4			
Total		**3**	**100%**

C.6.e.iii.1.f, g ►Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	2
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	2

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

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	3	%[45]
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%[46]
Total number of violations for the reporting year[47]	3	100%

Comments:
All violations were resolved in a timely manner. The violation on Permit #G-4139 received a verbal Notice to Comply after erosion protection failed in December. Photos were taken and the inspection report recorded it as a violation. A written NOV was not mailed due to the holiday vacation, but the site was re-inspected immediately after the new year and found to be in good condition and photos were re-taken.

[43] Agencies should list the specific enforcement actions as defined in their ERPs.
[44] Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.
[45] 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.
[46] 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.
[47] Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

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

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

Description:

The number of construction sites and the size of the construction sites in Danville were down this year. In addition, the amount of rain was significantly less than last year as well. So as a result, the number of inspections were significantly down from last year. Danville is largely built out and of the two sites over one acre, there was only one large active construction site this year due to the construction slow-down. Inspectors observe that the larger developers are well educated on stormwater impacts and how to implement BMPs for construction sites. Also maintaining good site management practices is standard operating procedure and when corrections are noted, they are corrected quickly. Grading operations that involve large areas continue to be hydroseeded first and then sprayed w/ straw tacifier. For smaller areas, hand seeding and slope matting material like blankets are successful methods for erosion control and continue to be utilized on slopes. This year the smaller, one lot developments, were the ones that had violations, not the large developments that are being developed by the more experienced developers.

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 Town's Stormwater Coordinator stays abreast of construction activities and attends the New Development Committee work group meetings throughout the year. This year an inspection checklist was developed by that work group and is now beginning to be implemented by the Town inspectors. This checklist is contained in Attachment C.6.e.iii(2) – Construction Inspection Checklist. It is currently being tested on the Town's Vets Hall construction project to evaluate its effectiveness. The Town is in the process of purchasing and implementing new tracking software for "cross-departmental" construction, inspection and code enforcement activities. It is anticipated that the system can be designed to align with the Stormwater annual report requirements. However, the project has been slightly delayed due to information technology obstacles. Currently all inspections are not recorded electronically. So currently all inspection logs are written on a form developed by the CCCWP New Development work group. Also please refer to the C.6 Construction Site Control section of countywide program's FY 10-11 Annual Report for a description of activities at the countywide or regional level.

C.6.f ►Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Training to Become a Qualified SWPPP Developer (QSD)	February 28 – March 2, 2011	• Training Overview and Regulations • Erosion Processes and Sediment Control • SWPPP Implementation • Monitoring • Reporting • Project Planning and Site Assessment • SWPPP Development and PRDs • Project Closeout	2	30%
Training to Become a Qualified SWPPP Practitioner (QSP)	February 28 – March 1, 2011	• Training Overview and Regulations • Erosion Processes and Sediment Control • SWPPP Implementation • Monitoring • Reporting	2	30%
C.3. Planning, Design and Construction	May 23, 2011	• C.3 Regulation review and new requirements • IMP design stds • Grading and drainage design • Geotechnical constraints • Soil properties • Plant palettes • LID design • Reporting	2	30%

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

C.7.b.ii.1 ►Advertising Campaign

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

Summary:

See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a summary of the Trash Campaign conducted by the Program on the Town's behalf.

C.7.b.iii.1 ►Pre-Campaign Survey

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

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

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

X	Survey report attached: See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a report summarizing the Pre-Campaign Trash Survey conducted by the Program on the Town's behalf.
	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: A new stormwater PSA was placed on the Town's Website: http://www.danville.ca.gov/Residents/Living_Green/ this year. In Fiscal Year 2010/11, BASMAA conducted six media pitches on behalf of all Contra Costa Co-Permittees. The BASMAA Media Relations Final Report which was developed by BASMAA summarizes the media relations during FY 10-1. This report is contained in the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report. Other Countywide efforts conducted on behalf of all co-permittees is also included in that section of this annual report.

C.7.d ►Stormwater Point of Contact

Summary of Any Changes Made during FY 10-11:

No changes for Danville were made to the website address and phone number used as point of contact including the countywide program's efforts to publicize stormwater points of contact (e.g. program 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., Enviroscape presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: • 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
Bringing Back the Natives Garden Tour, May 2011, Countywide	**Tour to encourage landscaping using native plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc… for countywide residents.**	**See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event. Danville advertised this event in the local media and on the Town's website.**
Live Nation Anti-Litter Campaign, August 2010, Concord Pavilion	**The message "Litter Travels But It Can Stop with You" was broadcast using a variety of means to concert goers. A booth with outreach information and education was provided where residents were encouraged to sign-up and participate in a creek clean-up event.**	**See the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.** **The Danville Stormwater Coordinator worked this event.**

Danville Co-hosted a countywide Sustainability Forum on 5-5-11	**See Attachment C.7.e – Sustainability Forum**	**Over 40 people were in attendance and the program was well received, 40 brochures and 40 stormwater give-aways were handed out.**
Spring Fling Earth Day Events in Danville April 2-23, 2011. See Attachment C.7.e. - Spring Fling in Full Swing	**The entire community was invited to several earth-friendly events during the month of April to encourage sustainability. The Town of Danville partnered with the Sustainable Danville citizen group on these events.**	**Hundreds of people attended the events. Town staff distributed 70 seed packets, 30 doggie pick-up bags, 40 pencils, 50 re-usable grocery bags and numerous IPM flyers targeted to specific pests.**
Contra Costa College Earth Day event – see Attachment C.7.e. - Contra Costa College Earth Day Event	**A booth with outreach information and education was provided where students and adults were encouraged to ask questions.**	**Promotional items given away:** **20 Reusable shopping bags** **18 "Stop Littering' T-shirts** **11 Clean Water Clips** **9 Clean Water Magnets** **9 Anti-litter Shamis** **50 Pencils and pens**
Recycling events – 3 per year	**See Attachments C.7.f. – Danville Today article on recycling event**	**See Attachment C.7.f. - UWM Recycling Dispensation Report 2010 for what was collected and recycled and Attachment C.7.f. - Recycling Event Press Release announcing over 258,000 lbs recycled.**
Home Composting for Busy People workshops – 5 this FY	**See Attachments C.7.f. – Home Composting Workshop flyers.**	**CCCSWA conducts these workshops on behalf of the Town of Danville. They appear to be popular, but attendance numbers are not available at this time.**

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:

Countywide program staff has provided a summary of efforts conducted at the countywide and regional level on behalf of all co-permitees. Program reporting includes: 1) participation in the Contra Costa Watershed Forum, 2) membership and partnering with the Bay Friendly Landscape Coalition, 3) membership and support for the California Product Stewardship Council, etc. Please see the Fiscal Year 2010/11 Group Program Annual Report, Section C.7, for a detailed report on BASMAA and the Program's encouragement and support of various Watershed Stewardship Collaborative Efforts" on the Town's behalf.

In addition, the Town of Danville became a Bay Area Certified Green Business this year and was recognized by the CCC Board of Supervisors and Town Council See Attachment C.7.f. – Certified Green Business

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: • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Volunteer Creek Monitoring Program, Spring 2011, Alhambra, Walnut, Kirker, Marsh, Mount Diablo, Pinole and San Pablo Creeks.	**The Program's Volunteer Creek Monitoring Program involves interested citizens and creek advocates to assist with creek bioassessment monitoring.**	**See the Program's Fiscal Year 2010/11 Group Program Annual Report, Section C.8, for further details.**
Curb Marker Replacement Project #1 w/ Boy Scouts	**Worked with a team of Boy Scouts to replace 250 curb markers**	**25 Boy Scouts were involved in this project plus adults. Each marker included delivering stormwater pollution prevention flyers to approx. 1000 households.**
Curb Marker Replacement Project #2 w/ Boy	**Worked with a team of Boy Scouts to replace**	**30 Boy Scouts were involved in this project**

Scouts	210 curb markers	plus adults. Each marker included delivering stormwater pollution prevention flyers to approx. 1000 households.
Danville Area Sustainable Business program (DASB), launched March, 2011 – See Attachment C.7.g. – Danville Area Sustainable Business Program	This collaborative effort was launched March, 2011, and includes involvement from the Town of Danville, Discover Danville Association, Danville Area Chamber of Commerce, Shop Danville First, Sustainable Danville Area and other motivated local businesses who are committed to ensuring that Danville continues to be distinguished as a healthy, prosperous community. DASB educates and recognizes local businesses working to adopt sustainable practices that strengthen our economy, community and environment. A local business must adopt a minimum of 25 recommended practices that save energy, water and reduce pollution and waste to be recognized as a Danville Area Sustainable Business. The DASB program checklist is meant to be a 'stepping stone' to help our local businesses certify with the Bay Area Green Business program	25 Business participants are fully committed to sustainable efforts per the program description contained in Attachment C.7.g. – Danville Area Sustainable Business Program.
Bike to Work Day 2010 – see Attachment C.7.g. - Bike to Work Day - Thursday May 12th	Advertised throughout the Bay area, in local media and promoted by Town staff.	7 Town of Danville staff (7%) and several citizens participated in this event

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) **See the C.7 Section of the countywide program's FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.**	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.
Kids for the Bay – Sycamore Valley Elementary. The Town of Danville has been funding this program in Danville Elementary schools for 6 years. The program is rotated around town to provide equal benefits to all schools in Danville. Some schools received the program for two years in order to reach all four 4th grade classrooms.	**The Town contributed $4000 to deliver this program to two 4th Grade classes. The program involves in the classroom, outdoor and Action project components. See Attachment C.7.h. – KFtB Program at Sycamore Valley Elementary for details information on this program.**	**50-60 Students, teachers and parents**	**See Attachment C.7.h. –KFtB Program at Sycamore Valley Elementary and a teacher evaluation.** **60 seed packets, 40 magnets and 6 thumb drive promotional items were given away to participants and parents.** **Town staff feels that the educators in this program are very good. However, it is expensive to deliver at $8000/yr. (including the CCCWP funds plus the Town's funds). The primary concern is that teachers are trained and then sometimes they leave and the knowledge of the program curriculum leaves with them. Another concern is that one**

			teacher reported that they were not sure that they could deliver the information on their own very well. Staff feels that having outside teachers is always more effective, but the school teachers will become more comfortable with the material when they practice it. Danville has asked KftB to follow-up with teachers in the second year to lend support. The cost effectiveness of this great program is questionable.
San Ramon Valley High School – trash assessment	Stormwater staff worked with Environmental Ed teacher to establish a trash/recycling outreach program to change teen behaviors on campus with regard to litter and recycling. Town stormwater staff met with the teachers and students to outline a method to measure the before and after impact of the outreach efforts.	Entire Student Body – approx. 40 student, adult and parent participants/ volunteers.	See Attachment C.7.h. – SRVHS Trash Program
Bike to School Day Event – San Ramon High School, Sustainable Danville and Town of Danville partnered on this event.	Bike to School Day at San Ramon Valley High this Wednesday ...	Approx. 40 students participated. The event was advertised in the Danville Patch	Teachers and adult volunteers report that the event was a big success and another event may be planned next year.

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 10-11, the Town of Danville contributed through the countywide Program to the BASMAA Regional Monitoring Coalition (RMC). In addition, Danville contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 10-11 Annual Report and/or BASMAA's Regional Monitoring Report.**

Section 9 – Provision C.9 Pesticides Toxicity Controls

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

(Water Board staff requested resubmittal for FY 10-11) Attach a copy of your individual IPM ordinance or policy.	X	**Attached**		**Not attached,** explain below

If **Not attached**, explain: It IS attached

Please see Attachment C.9.a. - IPM Policy and Attachment C.9.a. - Practices which were approved by the Maintenance Services Department Head in 2010. In addition, the Town began the process of developing a more formalized IPM Plan this year which will require department head approval next fiscal year. The new plan will be accompanied with additional staff training and will be integration into the Town's standard operating procedures. Jed Johnson, the Maintenance Services Manager, was a member of the Contra Costa County IPM Task Force that developed the countywide IPM policies a few years ago and he continues to stay abreast of new IPM methods that may be applicable to the Maintenance Services Division so that he can properly advise and train his employees accordingly.

Since the Town and the San Ramon Valley Unified School District have joint use of several facilities, the Town works in conjunction with the City of San Ramon and the San Ramon Valley Unified School District on maintenance standards and has developed an approved list of chemicals that all three agencies adhere to. The three agencies have identified this list of chemicals as the least toxic yet effective chemicals that can be used to control the specific pest or problem. All three agencies follow all of the proper notification practices at park and school sites.

C.9.b ►Implement IPM Policy or Ordinance

Per the town's IPM Policy and practices guide, as a last resort this year, a small amount of a gopher pesticide (.16oz. of a Pyrethroid) was utilized to treat a troubled area of a sports field. The pesticide was placed in the gopher hole and back-filled with dirt. The rodent did not resurface and the method was very effective and it did not appear that any pesticide came in contact with stormwater. None of these pesticdes were used in the Town's roadsides or creeks.

Trends in Quantities and Types of Pesticides Used[48]

Pesticide Category and Specific Pesticide Used	Amount[49]				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0			

[48] Includes all municipal structural and landscape pesticide usage by employees and contractors.
[49] Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

Product or Pesticide – Type A	0	0			
Product or Pesticide Type B	0	0			
Pyrethroids					
Product or Pesticide - – Gopher W.P Control Solution #53883-29	0	.16			
Product or Pesticide -Type Y	0	0			
Carbaryl	0	0			
Fipronil	0	0			

C.9.c ►Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	0
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	n/a
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.	n/a

C.9.d ►Require Contractors to Implement IPM

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

If yes, attach one of the following:

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

If **Not attached**, explain:

Additional Information: No contract is required for the Town's Structural Pest Control contractor who only monitors one Town building and the costs are minimal (just a few hundred dollars a year @$75/visit). However, the contractor is Bug Zappers, see Attachment C.9.d. – Bug Zappers IPM Statement and Attachment C.9.d. – Bug Zappers Training Certificate. For Landscaping Maintenance Services, the Town uses Sycamore Landscaping service who conforms to the Town's IPM program and trained two of their employees on pesticide use this year. Attachment C.9.d. - IPM - Roadside Zone A Contract Exerpt 2010 is the contract language utilized in the Sycamore landscaping contract.

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 10-11, Danville participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees

C.9.f ►Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		**Yes**	**X**	**No**

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

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

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

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 10-11 Annual Report for information on point of purchase public outreach conducted countywide and regionally. There are two businesses located in Danville that display this program's information.

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 Program's FY 10-11 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.

Section 10 - Provision C.10 Trash Load Reduction

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

Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

The Town's Clean Water Representative sits on the CCCWP's Municipal Operations Committee which provides input into the Regional Short-Term Trash Loading Reduction Plan. In addition, the Town has partnered with San Ramon Valley High School Environmental Education department to develop several trash reduction strategies at the high school since it is located across the street from a creek and has been targeted as a high trash area. This area is located on the north end of the downtown and this creek is not within Danville's jurisdiction. So the trash reduction approach being utilized is to stop the littering at the source. Additional trash and recycling containers were added at the school and the Town has committed to replacing all trash cans downtown with both recycling and trash containers. Additiona containers will also be added near the high school. Also, see the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees

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

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees . The Town's Clean Water Representative sits on the CCCWP's Municipal Operations Committee which provides input into the Baseline Trash Load and Trash Load Reduction Plan being developed at BASMA.

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

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

Description:

The Town has signed an agreement with ABAG to receive grant monies to pay for full trash capture devices to comply with this requirement. The Town also selected the device to be installed in each catch basin and defined the area of downtown where the devices are planned to be installed. Approximately 70 catch basins are being inventoried and fitted for REM inserts. It is anticipated that the devices will be installed by the end of Fall 2011. A full reporting on these devices will be included in next year's annual report. The collection of trash from these devices may also provide information that can be utilized to develop the Short-term Trash Load Reduction Plan required in C.10.a.i. Also, see the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

C.10.b.iii ►Trash Hot Spot Assessment

Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Conducted during FY 09-10, and reported in 2009-10 annual report. These efforts will resume in the Fall 2011on an annual basis.				

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

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

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

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
Vets Hall Trash bin was eliminated and will be replaced w/ a covered trash enclosure.	The CIP project construction began in FY 2010-11 and is not yet complete.	Yes, after MRP adoption. Previously, there wasn't any trash enclosure on the site, just open.	Note: "Trash loads removed" were not tracked for all trash load reduction actions this fiscal year. Once the Trash Load Reduction Tracking Method is developed (see Provision C.10.a.ii), trash loads removed will be documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule."	Litter, debris
HHW Sharps Collection	July 2010	Yes. See website info: http://www.ci.danville.ca.us/Police/Community_Services_and_Programs/	"	Sharps
HHW Pharmaceutical Collection	Dec. 2009	Yes. See website info: http://www.ci.danville.ca.us/Police/Community_Services_and_Programs/	"	Pharmaceuticals
Recycling Events	2009	Yes – add'l items were	"	E-waste, appliances,

		expanded. 3 recycling events are conducted per year.		clothing/textiles, accessories, books, matresses, cork, etc.
New screening forms were utilized this year to ID any potential trash problems.	2010	Yes, per the MRP C.5.e.	" 308 c.y. was removed from creeks, ditches and trash racks	Landscape debris, litter, trash
Adopted a new trash/recycling can CIP for the entire downtown and high school area.	2011	Yes, not implemented yet.	"	Bottles, cans, paper recyclables
Coordinated w/ Caltrans to remove a homeless encampment near the freeway at Laurel Dr. and the Town's Park and Ride.	2010	Varies year to year.	" 2 cubic yd removed.	Clothing, bottles, cans blankets, sleeping bags, chairs, litter, trash and debris
Implemented Curb Marker Maintenance and Replacement Project utilizing Boy Scouts for the project	2010	Yes, approx. 250-500 markers are replaced each year.	"	
Implemented new recycling requirements at special events throughout town.	2010	Yes, guidelines were accepted for all events.	"	Bottles, cans, paper recyclables
San Ramon Valley High School Trash Reduction program	October 2010	Yes	See Attachment C.7.h. – SRVHS Trash Program	Bottles, cans, paper recyclables and trash

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ►Mercury Recycling Efforts

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

See FY 10-11 Program Annual Report for a list of mercury collection and recycling efforts conducted countywide and regionally.

C.11.a.ii ►Mercury Collection

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

Amount collected:

Not all mercury and PCB load reduction actions were tracked using "loads removed" methods this fiscal year. In the Program's FY 09-10 Annual Report and/or the BASMAA Regional POC Report, an initial Mercury and PCB Load Reduction Tracking Method was presented (see Provision C.11.g). Based on Water Board staff comments, a revised method will be presented in the Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report. Based on this methodology, loads removed via the collection/recycling of mercury-containing products will be documented beginning in FY 11-12.

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

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

Summary:

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

Section 12 - Provision C.12 PCBs Controls

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

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

Description:

In FY 09-10, inspector training materials were developed by BASMAA and provided in the FY 09-10 BASMAA Regional POC Report. A description of efforts to train municipal industrial inspectors was provided in FY 09-10 permittee and/or Program Annual Reports."

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 10-11 Program Annual Report for a description of training provided countywide and/or regionally, and report on any local training efforts, if applicable.

C.12.b ►Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities **C.12.c ►Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations** **C.12.d ►Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices** **C.12.e ►Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit** **C.12.f ►Diversion of Dry Weather and First Flush Flows to POTWs** **C.12.g ►Monitor Stormwater PCB Pollutant Loads and Loads Reduced** **C.12.h ►Fate and Transport Study of PCBs In Urban Runoff** **C.12.i ►Development of a Risk Reduction Program Implemented Throughout the Region**
State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.
Summary **A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 10-11 Annual Report and/or the BASMAA Regional POC Report.**

Section 13 - Provision C.13 Copper Controls

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

Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?	X	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

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

Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?	X	**Yes**		**No**
If **No**, explain and provide schedule for obtaining authority within 1 year:				

C.13.c ►Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 10-11 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

We have identified three business types as potential sources of copper in Danville – Vehicle service facilities, food service facilities and pools/spas. The inspectors were also trained on the BASMAA POC training materials, which are available on the CCCWProgram's website.

Vehicle service facilities: the primary copper sources are from brake servicing and coolant system servicing. However, not all listed vehicle service facilities conduct these services. We estimate 70-85% of the vehicle service facilities do one or both of these activities in Danville. There were three vehicle service inspections this year and Central San evaluates the potential discharges from these facilities while conducting business inspections and addresses any potential issues that arise. For example: One citation was issued in Danville for vehicle washing observed when an

inspector was driving by the auto service facility. The activity was stopped immediately and the business owner agreed to discontinue the practice. The inspector also addressed the disposal of tire test tank water which is commonly discharged outside and instructed them how to properly dispose of this water. Copper could be considered a pollutant addressed through this citation and corrective action because copper-laden break dust can be present in the vehicle wash water and the tire test tank water.

Food service facilities: The primary copper source is copper plumbing in water supply lines causing accumulation of copper in grease wastes. Potential discharges come from discharges from grease interceptors or from improper hood maintenance. CentralSan evaluates these potential sources (roof inspections not routinely conducted to assess hood maintenance due to safety concerns). Not all food service facilities have interceptors and grease hoods.

Pools: The primary copper sources come from copper-based algaecides, copper plumbing in pool system piping, pool filter maintenance. Larger community pools are more likely to use copper plumbing. The Town distributes the Pool and Spa brochure (developed by the MOC committee of the CCCWP) to all applicants seeking building permits to install and pool and/or spa. This brochure explains how CCCSD accepts pool discharges under a streamlined permitting process. This information is not reported under the CWP service agreement. CCCSD accepts discharges from pool, spas, and fountains under a streamlined permitting process at no charge. This program serves to direct this potential source of copper from Danville storm drain system. CCCSD has also identified BMPs for pool maintenance activities that identify acceptable discharges to the sanitary sewer which serve to protect our storm drain system. They also do periodic inspections of community pools in coordination with the Town of Danville inspection program.

The CCCSD staff was trained with copper POCs twice, once in the summer of 2010 and during the February 2011 Inspection workshop put on by CCCWP.

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

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

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.

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

C.14.a ►Control Programs for PBDEs, Legacy Pesticides and Selenium Controls
Revised. Description reads "State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities can provide descriptions below."
Summary **A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 10-11 Annual Report and/or BASMAA Regional POC Report.**

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

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

Is your agency a water purveyor?		**Yes**	X	**No**
If **No**, skip to C.15.b.vi.(2):				
If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments:				

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

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

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

Summary:

Also please refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 10-11 Annual Report for additional information. See the FY 2009 – 2010 Group Program Annual Report for a detailed review of measures and policies Danville promotes and implements that minimize runoff and pollutant loading from excess irrigation.) Also see Provision C. 9. – Danville's IPM Policies and Practices section of this report.

Danville did a press release to encourage the reduction in use of pesticides; as a result articles were published in the local media. The information for this press release was provided by BASMA. The Town promoted the Bringing Back the Native Gardens Tour and co-sponsored two composting workshops in Danville and publicized these events on the Town's website

The Town has tried to lead by example to promote conservation programs by becoming a Certified Green Business this year and publicizing how other businesses can become one too. 25 new businesses signed up for the new 30-day challenge program this year! This effort was publicized in the Danville Today Community Newsletter, local media and recognized at a public meeting by the Town Council. Information on proper irrigation practices can be found on the Town's website that refers users to EBMUD's water conservation programs. Conditions of Approval for all

discretionary projects include requirements for drought tolerant and native vegetation and proper irrigation practices. The Town provides outreach information on less toxic pest control and landscape management by handing out IPM brochures at community outreach events and water conservation/proper irrigation practices tips can be found through the Town's website links under "Living Green." Also, large volumes of irrigation water run-off are handled through the Illicit Discharge program. Also see Attachment C.7.f. – Home Composting Workshop flyers for 5 community wide educational workshops.

The Maintenance utilizes irrigation controllers that utilize evapotranspiration rates to determine irrigation needs and schedules. Maintenance is currently in the process of potentially upgrading the central irrigation system as part of a CIP project. First phase may start this fall/winter. The Maintenance staff attempts to check irrigation in their assigned areas every two weeks and responds to reported breaks/leaks within 24 hrs. The Maintenance staff works with the Code Enforcement officer when residential overwatering is detected. Maintenance has removed some grass areas over the past two years and either mulched these areas or installed more drought tolerant plant material. Maintenance Division has implemented the following measures:

- The Town has and continues to work with EBMUD to identify Town maintained areas water requirements. When we receive the water bills we now know how much water we used this year vs. last year and what is the recommended water usage for that area based on plant type. This information is shared with the site manager so proper irrigation adjustments can be made.

- The Town has 12 irrigated sites that are currently using ET information to adjust the watering schedules. Whenever possible we use this ET information to also adjust our other sites that do not currently have this capability.

- The Town works in conjunction with the City of San Ramon and the San Ramon Valley Unified School District and has developed an approved list of chemicals that all three agencies adhere to. The three agencies have identified this list of chemicals as the least toxic yet effective chemicals that can be used to control the specific pest or problem. All three agencies follow all of the proper notification practices at park and school sites.

- The Town has identified areas where either drought tolerant or native plant material has replaced plant material that required more water. The Town has also eliminated turf in some areas and has bark mulched these areas eliminating water usage, chemical use entirely.

- The Town utilizes the information from EBMUD as well as the information that has been provided on the water billings to check water usage. The Town also uses the ET information to make seasonal and weather related water adjustments.

- The Town is currently in the process of attending demonstrations on central irrigation systems so that we can build bid specifications to ultimately purchase a central irrigation system that incorporates all of the Town maintained and irrigated sites under one system. Time table for implementation of the first phase now looks like spring of 2012.

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[50] (NTU)	Implemented BMPs & Corrective Actions

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

C.15.b.iii.(2) ►Unplanned Discharges of the Potable Water System[51]

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)[52]	pH (standard units)[52]	Discharge Turbidity (Visual)[52],	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time[53]	Inspector arrival time	Responding crew arrival time

[51] This table contains all of the unplanned discharges that occurred in this FY.
[52] 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.
[53]. 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.

ENGINEERING STAFF MEETING
Thursday, April 7, 2011
1:00 p.m. – 2:30 p.m.
North Corner Conference Room

AGENDA

- **Town Council Agenda Review & Update**
- **Miscellaneous Agenda Items**
  - Update Leave Calendar
- **Committee Reports**
  - Management
  - LEAD Committee
  - Safety
  - Technology
  - Admin. Coordinators – Quarterly Meetings
- **Active Project Updates**
- **Good of the Group**
- **Meeting Add-On – Presentation on C.3 Facilities - Operation and Maintenance Program**

Attendees: Ron Allen, Bill Bryant, Fred Korbmacher, Steve Lake, Andy Mack, Chris McCann, Bob Russell, Guillermo Santolaya, Don Stanley, Mike Stella, Pat Kramer

INDUSTRIAL AND COMMERCIAL BUSINESS INSPECTION PLAN

CONTRA COSTA
CLEAN WATER
PROGRAM

April 2011

Prepared by:

Town of Danville

Engineering Division,
Stormwater Pollution Control Program Coordinator,
Chris McCann, AICP

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1
INTRODUCTION

This industrial and commercial business inspection plan (Plan) is the mechanism the Town of Danville implements to comply with section C.4 Industrial and Commercial Site Controls of the Municipal Regional Permit (MRP) Order No. R2-2009-0074. This Plan is a written inspection plan to outline specific steps the Town of Danville will take to conduct an effective facility stormwater inspection, categorize and prioritize commercial and industrial sites within the Town of Danville jurisdiction based on the potential for pollutant exposure and set frequency of inspections to prevent and abate stormwater pollution. This Plan satisfies section C.4.b of the MRP.

1.1 Goal of the Inspection Program

The goal of the inspection program is to reduce pollutant and non-stormwater discharges to the stormdrain system from industrial and commercial businesses through facility inspections and education. To achieve this goal, a multi-faceted approach has been developed to include the following tasks:

1. Identify businesses with high potential to generate stormwater pollution.
2. Develop and implement a systematic inspection program.
3. Develop and distribute educational information to businesses about stormwater issues.
4. Develop an effective enforcement mechanism to achieve compliance with the local stormwater ordinance.
5. Implement a training program to create highly skilled inspectors capable of eliminating pollutants at the source.
6. Conduct focused outreach activities to targeted industrial and commercial sectors.

7. Prepare reports to document inspection activities.
8. Analyze trends and modify the Inspection Plan when necessary to improve the inspection program.

1.2 Inspection Program Organization

The Central Contra Costa Sanitary District is responsible for conducting stormwater inspections for the Town of Danville. The primarily person for overseeing the inspection program for the Town of Danville is Chris McCann, the Town's Stormwater Pollution Control Program Coordinator, and her email is cmccann@danville.ca.gov and phone number is (925)314-3342.

1.3 Municipal Operations Committee (MOC)

The Contra Costa Clean Water Program (CCCWP) established the MOC to address all Program wide compliance issues related to commercial/industrial stormwater inspection programs in the MRP. The MOC's role is to assist in achieving consistency in inspections, to improve the inspection program, coordinate inspector training and outreach activities and develop educational information for business owners and operators. Chris McCann represents the Town of Danville on the CCCWP MOC. Recommendations and/or activities planned by the MOC are reported to the Program's Management Committee by Program staff and are also implemented by the Town of Danville where applicable.

2
IMPLEMENTATION OF THE INSPECTION PLAN

This section provides the mechanism to implement the Inspection Plan.

2.1 Business Identification

A countywide and regional analysis of businesses was conducted during the Program's first permit period (1993-1998). This effort identified a base-line universe of industrial and commercial businesses with high potential to cause stormwater pollution ("Identified/Targeted Business"). In addition, the Program conducted a study and developed a report in 2004 of businesses that generate pollutants of concern. Please refer to the *Pollutants of Concern Source Assessment Report by the Contra Costa Clean Water Program, July 1, 2004*.

The Town of Danville contracts with the Central Contra Costa Sanitary District (CCCSD) to do business inspections on a five year basis. When possible, sanitary sewer inspections are combined with stormwater inspections which is a benefit to the business owner by saving time and having only one inspection rather than two. This arrangement is also beneficial to the Town because it is more cost-effective than sending out a separate inspector. The Town's Stormwater Coordinator, Chris McCann, directs and monitors the inspection program in Danville.

The Town and CCCSD develop a 5-year plan with estimated costs based on a list of the total number of commercial and industrial businesses requiring inspections. The listings are kept current and up-to-date and are listed in Appendix 2-2.

Each year in collaboration with CCCSD, Danville's Annual Inspection list for the upcoming year is developed from the total number of businesses list which is categorized by use type. The Town annually meets with CCCSD late Summer/early Fall to review the list and make amendments based on the Town's priorities for the year. The number of industrial and commercial facilities

that will require inspection each year is based on the type of business and their potential to pollute. Since CCCSD produces the list annually based on the most current sewer hook-up information contained in their data base, the mechanism to include newly opened businesses is automatically accounted for and included in the list that is reviewed each year. During this process, Town staff verifies for CCCSD, to best of the Town's information, that the businesses on the list are still open and in business. The list is then finalized by the Town and approved. The current list is kept on file with the Town (Appendix 2-3). CCCSD then has an updated list that is utilized to establish their data base for the year's inspection schedule.

2.2 Identified/Targeted Business Types and Inspection Frequency

Danville's Inspection Plan is periodically updated to re-prioritize the pollutant threats based on the Pollutants of Concern (Table 2-1). Consideration of the Town's priorities is based on findings resulting from 1) the regional monitoring program, 2) inspection issues carried over from the previous year; or 3) consideration of new potential/priority pollutants of concern that have arisen. The annual inspection list produced which is categorized by use type, is coordinated and cross-checked with the current priority Pollutants of Concern (Table 2-1). The results produce a current business list for the year based on priority pollutants.

Business types identified as having high potential to cause stormwater pollution in Danville's jurisdiction include manufacturing facilities, industrial facilities, food service facilities, vehicle service facilities, retail gas outlets, and nurseries. The municipalities use the Pollutant of Concern (POC) process to assist in evaluating the types of businesses identified as targeted for inspections under this program. Table 2-1 summarizes the business types with the potential to discharge pollutants of concern. The list of POCs are identified by the Program's *Draft Pollutants of Concern Pollution Prevention and Control Measures Plan, December 2004*. Danville's goal is to inspect all Identified/Targeted Businesses within its jurisdiction at least once every five (5) years. Table 2-2 describes specific business types that are subject to inspection at more frequent intervals based

on several factors. These factors include, but are not limited to, high personnel turnover rates, facility location to sensitive water bodies, and high volume of potentially hazardous substances used on a regular basis.

2.3 Inspection Types

Three types of inspections will be conducted – routine inspections, priority inspections and "call-out" inspections. "Routine" inspections are conducted at Identified/Targeted Businesses at a minimum of once every five (5) years. "Priority" inspections are conducted at businesses that require inspections annually to ensure they are operating in compliance with the Town of Danville's stormwater ordinance. One example of a "priority" inspection is if a business shows evidence of active non-stormwater pollutant discharges during a routine inspection and gets cited with a Notice of Violation (described in subsequent section), it is subject to "priority" inspection at least once the following year after compliance is achieved. "Call-out" inspections are conducted as needed following reported or referred non-stormwater discharge or pollutant exposure. Table 2-2 describes the types of inspection that are performed.

2.4 Facility Inspections

An inspector designated by the Town of Danville and/or CCCSD will visit a business facility. The inspector will provide identification and review the business operation, current documentation of employee stormwater training, maintenance and discharge practices with the on-site facility representative. The inspector will interview the business staff and conduct a visual inspection to evaluate the potential for stormwater pollution to occur and to determine if the operations are complying with the Town of Danville stormwater ordinance. The following areas are inspected, at a minimum:

A. Outdoor process/manufacturing areas;

B. Outdoor material storage areas;

C. Outdoor waste storage and disposal areas;

D. Outdoor vehicle and heavy equipment storage and maintenance areas;

E. Outdoor parking areas and access roads;

F. Outdoor wash areas;

G. Work practices from indoor areas that can either drain to outdoor areas (e.g. hosing indoor floors) or be discharged to outside areas (e.g. dumping mopwater);

H. Stormwater conveyance system maintenance;

I. Emergency response practices (e.g. hazardous waste spill response); and

J. Other areas (such as loading and unloading facilities, warehouse facilities and rooftop downspouts).

If any problems or areas of concern are identified, the inspector will notify the facility representative and discuss potential solutions. If a stormwater violation is identified, the inspector will notify the facility representative in writing using one of the enforcement documents identified below. This enforcement document will also be used to instruct the representative to take corrective action and to establish a correction schedule to solve the problem or violation. If an active discharge is observed the inspector may collect samples and have them analyzed for appropriate parameters. The inspector may also take photographs to document violations and obtain copies of documents as needed to record the compliance status of the business with the Town of Danville's stormwater ordinance. An exit interview is conducted with the facility representative following each inspection.

Individual inspections are documented using the Stormwater Inspection Report Form (Appendix 2-1) or its equivalent. If an inspector returns the same day to verify that a violation has been

corrected, the second visit will be recorded as a separate enforcement inspection to clearly show in the data base that the problem was corrected.

2.5 Education

Inspectors distribute and discuss appropriate educational and BMP materials with the facility representative during an inspection. These materials will serve a dual purpose - to educate businesses and provide a narrative standard that may be utilized in cases where enforcement of ordinances is required. Distribution of educational materials is documented on the inspection form. Education of Town of Danville's stormwater management program is ongoing from the initial inspection though any potential enforcement actions.

2.6 Enforcement

Enforcement protocol is explained in the Town of Danville's Enforcement Response Plan (ERP). Please refer to this document for specific enforcement guidance that the Town of Danville conducts when a facility is in violation with stormwater regulation.

2.7 Inspector Training

The Town of Danville will conduct annual training whether through local efforts or through the Program's workshops to ensure effective and consistent inspections. This training will include all training topics required by the MRP and may be conducted by industry representatives, inspectors from sister agencies and informational updates from stormwater inspectors at various agencies. Additional training on new regulations is conducted as needed. The Program's training and workshops are planned and coordinated by the MOC. Inspectors may also attend in house training, regional conferences, etc., as appropriate to improve their skills.

2.8 Industry Outreach

The Town of Danville will conduct outreach activities to target businesses that are potential stormwater polluters and educate facility owners/operators about stormwater regulations and how stormwater pollution can be minimized. Such outreach activities may be conducted for individual businesses or a group of businesses. The Town of Danville may also participate in Program activities that target specific industry groups. For example, the Program works with the Green Business Program that provides certification for businesses that go beyond compliance with stormwater and other environmental regulations.

2.9 Reporting

Danville will report its inspection activities on an annual basis in Danville's annual report which is submitted to the Water Board, and will also be used to periodically evaluate the inspection program.

3
SUMMARY

The goal of the stormwater inspection program is to reduce pollutants and non-stormwater discharges to the stormdrain system from industrial and commercial businesses through facility inspections and education. This Plan is used as a framework to implement the inspection program. If necessary, modifications to this Plan are made annually.

Table 2-1

BUSINESSES TYPES WITH THE POTENTIAL TO DISCHARGE POLLUTANTS OF CONCERN

Pollutant of Concern (POCs)	Businesses with the Potential to Discharge POC
Chlordane	Commercial retail, contaminated sites.
Copper	Architectural applications, discharges from pools, spas, and fountains, copper-based pesticide applications, metal finishing and electroplating facilities, automobile brake pad debris (auto bodies), construction site soil erosion, vehicle services, mobile cleaners.
DDT (dichlorodiphenyltrichloroethane)	Improper disposal of unused stocks of pesticide products, contaminated sites.
Diazinon	Improper disposal of unused stocks of pesticide products, contaminated sites.
Dieldrin	Improper disposal of unused stocks of pesticide products, contaminated sites.
Dioxin	Wood and trash burning facilities, refineries, current and historic medical and municipal waste incineration facilities, nurseries and other facilities that have herbicides.
Mercury	Industrial buildings, dental offices, metal finishing and electroplating facilities, crematories, cement processing, secondary steel smelters, petroleum refineries emissions, household hazardous waste facilities.
Nickel	Metal finishing and electroplating facilities, soil erosion from construction sites.
PCBs (polychlorinated biphenyls)	Facilities with PCB-laden materials and equipment on site.
Sediment	Nurseries, quarries, masonries

TABLE 2-2

INSPECTION FREQUENCY BY BUSINESS TYPE

	Inspection Frequency			
Business Type	**Annual**	**1-2 Years**	**2-3 Years**	**5 Years**
Notice of Intent (NOI) Filers				x
Community/Commercial Pools				x
Enforcement reinspection (to ensure business maintains compliance after prior citation)	x			
Pretreatment Permitted Facilities – **N/A**				
Vehicle Service Facilities (General)				
Oil Change Shops				x
Auto Body Shops w/ or w/o washpad				x
Fleet Operations				x
Retail Car Washes				x
Food Service Facilities				
Fast Food Restaurants				x
Full Service Food Restaurants				x
Embedded Food Services (cafeteria, deli, etc.)				x
Grocery Stores				x
Retail Gas Outlets				x
Plant Nurseries				x
Golf Courses (Food/Vehicle Operations/Grounds)				x

TABLE 2-2 (cont.) INSPECTION FREQUENCY BY BUSINESS TYPE				
Manufacturing Facilities				x
Cement & Asphalt Batch Plants – **N/A**				
Corporation Yards	x			
Auto Dismantlers – **N/A**				
Special Study Areas/Projects				x
Other				

TABLE 2-3

SUMMARY OF INSPECTION TYPES

Inspection Type	Minimum frequency
"Routine" Inspection	Once every 5 years
"Priority" Inspection	Annually (for enforcement reinspection for an additional year after compliance is achieved; then once every 5 years)
"Call-out" Inspection	As needed

APPENDIX 2-1

Stormwater Inspection Report

Inspection date

Facility name	Site address	City	Zip code

Primary contact name and title	Phone number	Inspector name

Secondary contact name and title	Phone number	Inspector name

Property owner	Mailing address	City	Zip code

City permit number	SIC code		Parcel #	Stormwater facility type
	SIC code			· Residential · Restaurant · Vehicle Service Facility · Other (see below)

# of employees	Days of operation	Hours of operation

Type of business or operation / major activity

Inspection type	Enforcement action	#	Follow-up inspection

			required?
· Routine · Investigation / call-out · Enforcement follow-up	· Warning Notice · Notice of Violation · Referral Notice (note referral agency): _____		· Yes · No

Sample collected?	Sample no.
· Yes · No	

Site Map (optional): Sketch inspection site showing major site features, e.g.; buildings, outdoor storage areas, storm drain inlets, creeks, illicit discharge / connection location, etc.

Initial observations / changes since last inspection:

Stormwater Permit Status (choose one only):

- Facility has filed NOI. WDID # _____
  Does the facility have a SWPPP? ▪ Yes ▪ No ▪ Refer to RWQCB
  If yes: Is the SWPPP being implemented? ▪ Yes ▪ No
  Is self-monitoring being implemented? ▪ Yes ▪ No
  Has the facility self-certified no exposure? ▪ Yes ▪ No
- Facility is not covered and does not appear to need coverage.
- Facility not covered but may require coverage.
- Facility has an individual NPDES permit. Permit # _____

Stormwater Inspection:

Illicit connections discovered? If Yes, describe under Deficiencies / Observations	▪ **Yes** ▪ **No**

Areas of Activity	**N/A**	**BMPs**				**Pollutant exposure**	**Illicit discharge**	**Deficiencies / Observations**
		Any in place?		**Appear Effective?**				**Enter code for Pollutant Type in boxes below and briefly describe.** (Additional space on back page)
		Yes	**No**	**Yes**	**No**			
a. floor cleaning								▪ ▪
b. equipment cleaning								▪ ▪
c. manufacturing, residues and spills								▪ ▪
OUTDOORS								
a. outdoor process/mfg areas								▪ ▪
b. outdoor material storage areas								▪ ▪
c. outdoor waste storage/disposal areas								▪ ▪

d. outdoor vehicle and heavy equipment storage, maintenance areas								▪ ▪
e. outdoor parking areas and access roads								▪ ▪

Areas of Activity	N/A	BMPs				Pollutant exposure	Illicit discharge	Deficiencies / Observations
		Any in place?		Appear Effective?				**Enter code for Pollutant Type in boxes below and briefly describe**. (Additional space on back page)
		Yes	No	Yes	No			
f. outdoor wash areas								▪ ▪
g. outdoor drainage from indoor areas								▪ ▪
h. other (describe)								▪ ▪

Pollutant Type: **(enter number in boxes above - use more than one code if necessary)**

1. **Construction materials**
2. **Sewage**
3. **Food waste**
4. **Automotive fluids**
5. **Fuels**
6. **Hazardous waste**
7. **Yard waste**
8. **Litter**
9. **Other (specify next to box)**

Additional Deficiencies / Observations:

Educational materials distributed:

Quantity	Type
_____	_____
_____	_____
_____	_____
_____	_____

APPENDIX 2-1(cont.)

Instructions for completing the Stormwater Inspection Report
Revised January 20, 2011

Inspection Report Field		Instructions
Inspection Date		Write the date of the inspection.
Facility Name		Write the name of the facility.
Site Address		Write the street address of the site.
City		Write the city the site is located.
Zip Code		Write the zip code of the site.
Primary contact name and title		Write the name and title of the primary contact at the site.
Phone number		Write the phone number of the primary contact.
Inspector name		Write the name of the inspector that met with the primary contact.
Secondary contact name and title		If applicable, write the name and title of a secondary contact at the site. Secondary contact is the contact person when the primary contact is not available
Phone number		Write the phone number of the secondary contact.
Inspector name		If applicable, write the name of a second inspector that met with *either* contact persons.
Property owner		If different from the primary or secondary contact person, write the name of the property owner. OR indicate whether the property owner is either the primary or secondary contact.
Mailing address, City, Zip code		Write the mailing address, city, and zip code of the property owner if different from the site address.
City Permit number		To be used by city staff to indicate a permit number such as a business license, etc.
SIC code (two fields)		Write the SIC code(s) that best describes the *activities* conducted at the site.
Parcel #		Write the county assessor's parcel number of the site.
# of employees		Write the total number (or range) of employees that work at the site.
Days of operation		Write the days (Sunday through Saturday) the site is in operation.
Hours of operation		Write the range of hours the site is in operation; include *all* shifts.
Stormwater facility type		Check *one* of the following boxes:
	Residential	- the site of the inspection is residential (in response to an illicit discharge investigation or call-out)
	Restaurant	- the site is a food service facility[1] or restaurant
	Vehicle Service Facility	- the site is a vehicle service facility
	Other (see below)	- the site is not one of the other three previous selections; describe the type of business in the "Type of business or operation / major activity" field below

[1] *This can include other commercial facilities that also provide food service (e.g. hotel).*

Instructions for completing the Stormwater Inspection Report (continued)

Inspection Report Field		Instructions
Type of business or operation / major activity		Describe the business activity (if not residential, vehicle service, or a restaurant).
Inspection type		Check *one* of the following boxes:
	Routine	- the inspection is the routine, regularly scheduled inspection
	Investigation / call-out	- the inspection is in response to an illicit discharge report or referral call (from the public, another agency, another department, etc.)
	Compliance verification	- the inspection is a follow-up to confirm the site's progress since the last inspection
	Enforcement follow-up (1-year)	- the inspection is the next year follow-up at a site with enforcement activities during the last inspection
Enforcement action		Check *all* of the boxes that apply:
	Warning Notice	- the site is issued a Warning Notice
	Notice of Violation	- the site is issued a Notice of Violation
	Referral Notice (note referral agency)	- the inspection report or a separate referral notice should be referred to another regulatory agency (e.g., Regional Board, POTW, HazMat, Fire Department, etc.) Note the primary referral agency.
#		Indicate the number that identifies the enforcement action.
Follow-up inspection required?		Check whether or not a follow-up inspection is required. Enforcement follow-up is documented on the Warning Notice or Notice of Violation.
Sample collected?		Check whether or not a sample was taken. (e.g., stormwater discharge, process discharge, an unidentified non-stormwater discharge)
Sample no.		Describe the identifying sample number for future reference.
Initial observations / changes since last inspection		Indicate whether there have been any changes to the site's status of compliance since the last inspection. For example, if this is a follow-up inspection, were the BMPs effective? Were the requirements implemented? has the facility achieved compliance? Write any comments, notes, observations, or recommendations.
Site map		This is optional but could be used to record the map site features. Recording the location of illicit connections (if known) may be useful for follow-up inspections.

Instructions for completing the Stormwater Inspection Report (continued)

Inspection Report Field		Instructions
Stormwater Permit Status		Check *one* of the following boxes:
	Facility has filed NOI.	- the site has submitted a Notice of Intent (NOI) to comply with the California Industrial General Permit See *Additional Instructions on NOI Facilities* below.
	Facility is not covered and does not appear to need coverage.	- the facility <u>does not</u> appear to fit under one of the eleven industrial categories that must obtain coverage under a permit for stormwater discharges
	Facility is not covered but may require coverage.	- the facility <u>does</u> appear to fit under one of the eleven industrial categories that must obtain coverage under a permit for stormwater discharges; AND - has not filed a NOI or obtained coverage under an individual permit Check "Yes" in "Referral to RWQCB" below.
	Facility has an individual NPDES permit; Permit #[2]	- the facility has obtained an individual stormwater permit write the permit number.
Referral to RWQCB?		Check whether or not the stormwater inspection report should be forwarded to Regional Board staff.
Additional Instructions on NOI Facilities[3] *- If the facility has filed a NOI, complete the following:*		
WDID#[2]		Write the waste discharger identification number (WDID). The WDID appears at the top of all correspondence from the State or Regional Boards (e.g., annual report forms, invoice for annual permit fee).
Does the facility have a SWPPP?		Indicate whether or not the facility has developed a SWPPP. If the facility does not have a SWPPP, check "Yes" in "Referral to RWQCB" below.
If yes: (the facility has a SWPPP)		Answer *both* of the following questions:
	Is the SWPPP being implemented?	Indicate whether or not the facility is *implementing* its SWPPP. If the facility does not implement its SWPPP, check "Yes" in "Referral to RWQCB" below. Briefly describe in "Additional Observations / Notes" which portion of the SWPPP the facility does not implement.
	Is self-monitoring being implemented?	Indicate whether or not the facility conducts self-monitoring. Self-monitoring includes: non-stormwater discharge visual observations; stormwater visual observations; and stormwater sampling. Only check "Yes" if facility conducts <u>all three</u> parts of the self-monitoring. If the facility does not conduct any part of the self-monitoring, check "Yes" in "Referral to RWQCB" below. Describe in "Additional Observations / Notes" which self-monitoring component the facility does not implement.
Has the facility self certified no exposure?		Indicate whether or not the facility has applied for a stormwater sampling exemption by certifying the facility has no pollutant exposure to stormwater.

[2] *The inspector can request the site contact telephone the inspector with the WDID or permit number within a certain time period.*

[3] *Note the CCCWP inspector has no legal authority to enforce the Industrial General Permit. The coordination of information between the CCCWP and Regional Board staff on NOI facilities are currently under development. These instructions provide guidance but may change at a later date.*

Instructions for completing the Inspection Report (continued)

Inspection Report Field			Instructions
Illicit connections discovered?			Check Yes or No depending on whether an illicit connection to the storm drain was discovered. Further descriptive information should be included in Deficiencies / Observations.
Indoor/Outdoor Areas of Activity			Respond to each activity area listed. Either check "N/A" or complete the "BMP" and "Type of Discharge" information.
	N/A - Not Applicable		Check box if the site does not have that activity area. Go to the next activity area. OR Check box if there is no reasonable potential for pollutant discharge to the storm drains from this area. Go to the next activity area.
	Best Management Practice - BMP		For each activity area at the site, answer the first question ("In Place?"). Answer the second question ("Effective?") only if the answer to the first question is "Yes".
		In place?	- Does the facility appear to implement BMPs that prevent pollutant discharge to stormwater? Check "Yes" or "No".
		Appear effective?	- If the facility does implement BMPs, do the BMPs appear to be effective at preventing pollutant discharge to stormwater? Check "Yes" or "No".
	Type of Discharge		Describe the type(s) of pollutant discharge from each applicable activity area.
		Pollutant exposure	Check if the activity may lead to a pollutant discharge to the storm drain because pollutants are exposed to stormwater runoff.
		Illicit discharge	Check if the pollutant discharge to the storm drain is a non-stormwater discharge which is not exempted by ordinance.[4] Indicate under Deficiencies / Observations whether or not the non-stormwater discharge was occurring at the time of the inspection.
Deficiencies / Observations *and* Additional Deficiencies / Observations			Continue any comments from "Initial observations / changes since last inspection" field from page 1. Write any deficiencies noted, comments, notes, observations, recommendations. Indicate the pollutant type in the box.
Educational materials distributed			Indicate the quantity and type (title) of the educational materials given out during the inspection.

[4] *Non-stormwater discharges which are conditionally exempted (please refer to the NPDES permit for specific criteria) include: discharges in compliance with an NPDES permit; properly managed water line flushing and other discharges from potable water sources; landscape irrigation and lawn watering; irrigation water; diverted stream flows; groundwater infiltration to storm drains; uncontaminated pumped groundwater percolation and footing drains; water from crawl space sumps; air conditioning condensate; springs; individual residential car washing; flows from riparian habitats and wetlands; dechlorinated swimming pool discharges; and flows from firefighting.*

Danville

Name	Address	City	Program Category
Barrington Court Memory Care	400 W EL PINTADO	Danville	Assisted Living
Diablo Lodge Assisted Living	950 DIABLO Road	Danville	Assisted Living
Sunrise Assisted Living	1027 DIABLO Road	Danville	Assisted Living
Elliott's Bar	369 HARTZ Ave	Danville	Bar Only
Meenar Inc.	349 HARTZ Ave	Danville	Bar Only
Symmons Body & Fender Inc	509 SAN RAMON VALLEY Blvd	Danville	Body Shop
Chamois Car Wash	7711 CROW CANYON Road	Danville	Car Wash/Det.
Danville Arco Carwash	3500 CAMINO TASSAJARA	Danville	Car Wash/Det.
Cresco Xpress	555 SAN RAMON VALLEY Blvd	Danville	Commercial
Danville Bike	175 HARTZ Ave	Danville	Commercial
Danville Bowl	200 BOONE Court	Danville	Commercial
Health (20)	790 SAN RAMON VALLEY Blvd #150	Danville	Commercial
Marshalls	3140 FOSTORIA Way	Danville	Commercial
Phoenix Dental Laboratory	130 E PROSPECT Ave	Danville	Dental Lab
B-Line Cleaners	120 HARTZ Ave	Danville	Dry Cleaner
Classic Cleaners	9000 CROW CANYON Road	Danville	Dry Cleaner
Country Club Cleaners	3412 CAMINO TASSAJARA	Danville	Dry Cleaner
Crystal Blue Cleaners	115 RAILROAD Ave E	Danville	Dry Cleaner
Hesperian Cleaners	438 DIABLO Road	Danville	Dry Cleaner
My Buddy Cleaners	822 HARTZ Way 106	Danville	Dry Cleaner
Penguin Cleaner	413 RAILROAD Ave	Danville	Dry Cleaner
Sparklizing Cleaners	514 SAN RAMON VALLEY Blvd	Danville	Dry Cleaner
Village Cleaners	615 SAN RAMON VALLEY Road	Danville	Dry Cleaner
St. Isidores School	435 LA GONDA Way	Danville	Education
Town of Danville Facility Maintenance Center	1000 SHERBURNE HILLS Road	Danville	Fleet Operations
Akira Bistro	499 SAN RAMON VALLEY Blvd A	Danville	Food Service
Amber Bistro	500 HARTZ Ave	Danville	Food Service
Amici's	720 CAMINO RAMON Blvd	Danville	Food Service
Aryana Afghan Cuisine	9000 CROW CANYON Road J	Danville	Food Service
Ascona Pizza Company, Inc.	3414 CAMINO TASSAJARA Road	Danville	Food Service
Bagel Box	480 SAN RAMON VALLEY Blvd K	Danville	Food Service
Bagel Street Café	316 W SYCAMORE VALLEY Road	Danville	Food Service
Bagel Street Café	3422 CAMINO TASSAJARA	Danville	Food Service
Basil Leaf Cafe	501 HARTZ Ave	Danville	Food Service
Baskin Robbins Ice Cream	9000 CROW CANYON Road M	Danville	Food Service
Baskin Robbins Ice Cream #2044	301 HARTZ Ave 100	Danville	Food Service
Big Apple Bagels	9000 CROW CANYON Road C	Danville	Food Service
BlowFish	101 TOWN & COUNTRY Drive C	Danville	Food Service
Brandy Ho's Hunan	9000 CROW CANYON Road H	Danville	Food Service
Bridge's Restaurant	44 CHURCH Street	Danville	Food Service
Burger King	444 FRONT Street	Danville	Food Service
Cafe Meyers	3468 CAMINO TASSAJARA B9	Danville	Food Service
China Bistro	426 DIABLO Road	Danville	Food Service
China Paradise	3446 CAMINO TASSAJARA	Danville	Food Service
China Paradise	531 HARTZ Ave	Danville	Food Service
Chow	445 RAILROAD Ave	Danville	Food Service
Christy's Donuts	436 DIABLO Road	Danville	Food Service
Christy's Donuts	9000 CROW CANYON Road B	Danville	Food Service
COLDSTONE CREAMERY	412 W SYCAMORE VALLEY Road	Danville	Food Service
Country Waffles	428 RAILROAD Ave B	Danville	Food Service
Danville Bowl Snack Bar	200 BOONE Court	Danville	Food Service
Danville Grange Hall # 85	743 DIABLO Road	Danville	Food Service
Danville Old Town Bakery	221 HARTZ Ave	Danville	Food Service
Denny's #6698	807 CAMINO RAMON	Danville	Food Service
Domenico's Delicatessin	682 HARTZ Ave	Danville	Food Service
Domenico's Gelatoria Café	684 HARTZ Ave	Danville	Food Service
Domino's Pizza	504 SAN RAMON VALLEY Blvd	Danville	Food Service
El Nido	107 TOWN & COUNTRY Drive A	Danville	Food Service
Esin Restaurant & Bar	750 CAMINO RAMON	Danville	Food Service
Father Nature's	172 E PROSPECT Ave	Danville	Food Service
Faz Restarurant	600 HARTZ Ave	Danville	Food Service
Fish on Fire	101 TOWN & COUNTRY Drive C	Danville	Food Service
Forbes Mills Steakhouse	200 W SYCAMORE VALLEY Road	Danville	Food Service
Foster's Freeze	180 HARTZ Ave	Danville	Food Service
Fresh Choice	11000 CROW CANYON Road	Danville	Food Service
Gagnons Catering & Rentals	569 SAN RAMON VALLEY Blvd	Danville	Food Service
Garlex Pizza	9000 CROW CANYON Road P	Danville	Food Service
Great Impasta, The	318 W SYCAMORE VALLEY Road	Danville	Food Service
High Tech Burrito	3452 CAMINO TASSAJARA	Danville	Food Service
Iron Horse Deli	115 HARTZ Ave	Danville	Food Service
Juice Zone	11000 CROW CANYON Road D	Danville	Food Service
Kane Sushi	125 HARTZ Ave	Danville	Food Service
Kinder's	105 TOWN & COUNTRY Drive G	Danville	Food Service

Koji's Sushi	480 SAN RAMON VALLEY Blvd E	Danville	Food Service
Le Petit Corner	345 RAILROAD Ave	Danville	Food Service
Leo's Chinese	105 TOWN & COUNTRY Drive C-D	Danville	Food Service
Los Panchos	480 SAN RAMON VALLEY Blvd	Danville	Food Service
Lotsa Pasta	171 HARTZ Ave	Danville	Food Service
Luna Loca	500 SYCAMORE VALLEY Road F	Danville	Food Service
Mangia Mi	406 HARTZ Ave	Danville	Food Service
Marcello's of Danville Inc.	515 SAN RAMON VALLEY Blvd	Danville	Food Service
Maria Maria	710 CAMINO RAMON	Danville	Food Service
McDonald's	10000 CROW CANYON Road	Danville	Food Service
Miglet's Cupcake Shop	480 SAN RAMON VALLEY Blvd A2	Danville	Food Service
Mountain Mike's Pizza	130 HARTZ Ave	Danville	Food Service
Norm's Place	356 HARTZ Ave	Danville	Food Service
Panda Express	495 SAN RAMON VALLEY Blvd	Danville	Food Service
Papa Johns	121 HARTZ Ave	Danville	Food Service
Pascal French Oven	155 RAILROAD Ave B	Danville	Food Service
Pasta Gondola & Pizza Machine	664 SAN RAMON VALLEY Blvd	Danville	Food Service
Patrick Davids Cafe	416 W SYCAMORE VALLEY Road	Danville	Food Service
Peet's Coffee & Tea	435 RAILROAD Ave	Danville	Food Service
Pete's Brass Rail	201 HARTZ Ave A	Danville	Food Service
Piatti Ristorante	100 W SYCAMORE VALLEY Road	Danville	Food Service
Primo's Pizza & Pasta, Inc.	298 HARTZ Ave	Danville	Food Service
Quiznos	190 HARTZ Ave	Danville	Food Service
Rising Loafer Café & Bakery	340 HARTZ Ave	Danville	Food Service
Round Table Pizza	105 TOWN & COUNTRY Drive A	Danville	Food Service
Similan Thai Cuisine	9000 CROW CANYON Road	Danville	Food Service
Starbucks Coffee #634	11000 CROW CANYON Road E	Danville	Food Service
Starbucks Coffee #668	398 HARTZ Ave	Danville	Food Service
Strizzis Restaurant	3456 CAMINO TASSAJARA	Danville	Food Service
Subway	196 CAMINO RAMON	Danville	Food Service
Subway Sandwiches #12105	9000 CROW CANYON Road A	Danville	Food Service
Subway Sandwiches & Salads #7147	125 RAILROAD Ave	Danville	Food Service
Sushi Bar Hana	301 HARTZ Ave 106	Danville	Food Service
Sushi Yokohama	558 SAN RAMON VALLEY Blvd	Danville	Food Service
Taco Bell Express #16304	420 DIABLO Road	Danville	Food Service
Thai House	254 ROSE Street	Danville	Food Service
That Bar	148 E PROSPECT Street	Danville	Food Service
The 202 Grill	202 W SYCAMORE VALLEY Road	Danville	Food Service
The Crown British Pub & Restaurant	331 HARTZ Ave	Danville	Food Service
The Dog	110 HARTZ Ave	Danville	Food Service
The New Valley Medlyn's	330 HARTZ Ave	Danville	Food Service
The Peasant and the Pear	267 HARTZ Ave	Danville	Food Service
Togo's Eatery	3454 CAMINO TASSAJARA	Danville	Food Service
Tower Grille	301 HARTZ Ave	Danville	Food Service
Tutti Frutti	37 RAILROAD Ave	Danville	Food Service
Uncle Wong's Restaurant	150 HARTZ Ave	Danville	Food Service
Uptown Cafe	327 HARTZ Ave	Danville	Food Service
Veteran Building	400 HARTZ Ave	Danville	Food Service
Wild Vine Hideaway	120 E PROSPECT Lane	Danville	Food Service
Wizzbangz Burgers	35 RAILROAD Ave	Danville	Food Service
Yogurt Shack	290 HARTZ Ave	Danville	Food Service
Yogurtopia	3450 CAMINO TASSAJARA	Danville	Food Service
Yuki of Tokyo	200 HARTZ Ave E	Danville	Food Service
Z Pizza	95 RAILROAD Ave	Danville	Food Service
Camino Ramon Shell	811 CAMINO RAMON	Danville	Gas Station
Chevron #97578	145 HARTZ Ave	Danville	Gas Station
Chevron Station #92075	8000 CROW CANYON Road	Danville	Gas Station
Danville 76	744 SAN RAMON VALLEY Blvd	Danville	Gas Station
Danville Shell Service Station	7777 CROW CANYON Road	Danville	Gas Station
Danville Valero	736 SAN RAMON VALLEY Blvd	Danville	Gas Station
Diablo Gas & Mart	198 DIABLO Road	Danville	Gas Station
Crow Canyon Country Club	711 SILVER LAKE Drive	Danville	Golf Course
Bibi Bazaar	251 HARTZ Ave	Danville	Grocery Store
Draeger's Market	4100 BLACKHAWK PLAZA Circle	Danville	Grocery Store
Lucky supermarket	660 SAN RAMON VALLEY Blvd	Danville	Grocery Store
Lunardi's Market	345 RAILROAD Ave	Danville	Grocery Store

Safeway Store #1211	3496 CAMINO TASSAJARA	Danville	Grocery Store
Trader Joe's #65	85 RAILROAD Ave	Danville	Grocery Store
Danville Sycamore Inn	803 CAMINO RAMON	Danville	Hotel
Danville Materials	3420 FOSTORIA Way A200	San Ramon	Manufacturing
Danville Wine & Liquor	177 HARTZ Ave	Danville	Mini-Market
Navlet's Garden Center	800 CAMINO RAMON	Danville	Nursery
Sloat Garden Center	828 DIABLO Road	Danville	Nursery
Sunset Color	1435 SAN RAMON VALLEY Blvd	Danville	Nursery
Tassajara Nursery	2550 CAMINO TASSAJARA	Danville	Nursery
Aerotest Operations, Inc.	3455 FOSTORIA Way	San Ramon	Permitted IU
PG&E San Ramon Technology Center	3400 CROW CANYON Road	Danville	Permitted IU
Green Valley Pool	1515 GREEN VALLEY Road	Danville	Pool
Asset Management Group	440 SYCAMORE VALLEY Road B	Danville	Property Mngt
CJM Property Management	9000 CROW CANYON Road	Danville	Property Mngt
Laurence D. Sherman	2420 CAMINO TASSAJARA	Danville	Property Mngt
Tassajara Crossing Shopping Center	3400 CAMINO TASSAJARA Road	Danville	Property Mngt
Town & Country Shopping Center	105 TOWN & COUNTRY Drive	Danville	Property Mngt
Branagh Development	100 SCHOOL Street	Danville	Property Owner
Benjamin Moore Paints	688 SAN RAMON VALLEY Blvd	Danville	Retail
Costco Wholesale #21	3150 FOSTORIA Parkway	Danville	Retail
CVS Pharmacy	650 SAN RAMON VALLEY Blvd	Danville	Retail
Kevin Milligan Gallery	408 HARTZ Ave	Danville	Retail
Pet Food Express	609 SAN RAMON VALLEY Blvd	San Ramon	Retail
The Fringe Hair Salon	520 SAN RAMON VALLEY Blvd	Danville	Retail
Walgreens	611 SAN RAMON VALLEY	Danville	Retail
KinderCare Learning Center	730 SAN RAMON VALLEY Blvd	Danville	School/College
San Ramon Valley Christian Academy	220 W EL PINTADO Road	Danville	School/College
Auto Care of Danville, Inc.	195 HARTZ Ave	Danville	Vehicle Service
Big O Tires #73	155 W LINDA MESA Ave	Danville	Vehicle Service
Danville Automotive & Tire	535 SAN RAMON VALLEY Blvd	Danville	Vehicle Service
Danville Olde Towne Station	1 BOONE Court	Danville	Vehicle Service
Danville Service Center	152 W LINDA MESA Ave	Danville	Vehicle Service
Diamond Sharp Equipment Center	33 FRONT Street	Danville	Vehicle Service
Discount Smog Check Centers	198 DIABLO Road	Danville	Vehicle Service
E & E automotive	198 DIABLO Ave	Danville	Vehicle Service
Jiffy Lube	530 SAN RAMON VALLEY Blvd	Danville	Vehicle Service
Roesbery Car Care	400 DIABLO Road	Danville	Vehicle Service
Tassajara Tune Up	3600 CAMINO TASSAJARA	Danville	Vehicle Service

Planned Inspections for Danville

(7/1/2011 to 6/30/2012)

Name	Address	Facility Type
Inspection Cycle		
Barrington Court Memory Care	400 W EL PINTADO	Assisted Living
CVS Pharmacy	650 SAN RAMON VALLEY Blvd	Retail
Le Petit Corner	345 RAILROAD Ave	Food Service
Mangia Mi	406 HARTZ Ave	Food Service
Miglet's Cupcake Shop	480 SAN RAMON VALLEY Blvd A2	Food Service
Navlet's Garden Center	800 CAMINO RAMON	Nursery
Papa Johns	121 HARTZ Ave	Food Service
Phoenix Dental Laboratory	130 E PROSPECT Ave	Dental Lab
San Ramon Valley Christian Academy	220 W EL PINTADO Road	School/College
St. Isidores School	435 LA GONDA Way	Education
Tassajara Tune Up	3600 CAMINO TASSAJARA	Vehicle Service
Walgreens	611 SAN RAMON VALLEY	Retail
Yogurtopia	3450 CAMINO TASSAJARA	Food Service
Starbucks Coffee #668	398 HARTZ Ave	Food Service
Pascal French Oven	155 RAILROAD Ave B	Food Service
Tassajara Crossing Shopping Center	3400 CAMINO TASSAJARA Road	Property Mngt
Peet's Coffee & Tea	435 RAILROAD Ave	Food Service
Starbucks Coffee #634	11000 CROW CANYON Road E	Food Service
Laurence D. Sherman	2420 CAMINO TASSAJARA	Property Mngt
CJM Property Management	9000 CROW CANYON Road	Property Mngt
Bagel Street Café	3422 CAMINO TASSAJARA	Food Service
Cafe Meyers	3468 CAMINO TASSAJARA B9	Food Service
Strizzis Restaurant	3456 CAMINO TASSAJARA	Food Service
Town & Country Shopping Center	105 TOWN & COUNTRY Drive	Property Mngt
Danville 76	744 SAN RAMON VALLEY Blvd	Gas Station
Danville Materials	3420 FOSTORIA Way A200	Manufacturing
Subtotal: 26		
Enforcement Reinspections		
Danville Automotive & Tire	535 SAN RAMON VALLEY Blvd	Vehicle Service
Domino's Pizza	504 SAN RAMON VALLEY Blvd	Food Service
The Fringe Hair Salon	520 SAN RAMON VALLEY Blvd	Retail
Faz Restarurant	600 HARTZ Ave	Food Service
Meenar Inc.	349 HARTZ Ave	Bar Only
Los Panchos	480 SAN RAMON VALLEY Blvd	Food Service
Similan Thai Cuisine	9000 CROW CANYON Road	Food Service
Brandy Ho's Hunan	9000 CROW CANYON Road H	Food Service
Subtotal: 8		
Permitted IUs		
PG&E San Ramon Technology Center	3400 CROW CANYON Road	Permitted IU
Aerotest Operations, Inc.	3455 FOSTORIA Way	Permitted IU
Subtotal: 2		
Total Planned Inspecitons=	**36**	

COMMERCIAL/INDUSTRIAL
STORMWATER INSPECTION TRAINING WORKSHOP

February 24, 2011 9am-3pm
Centre Concord Facility
5298 Clayton Road
Concord, CA 94521

8:45 Sign-In *(Morning refreshments provided)*

9:00 Review Agenda, Objective of Workshop (Elisa Wilfong, CCCWP)

9:10 Overview of Program's Model Business Inspection Plan and Enforcement Response Plan (Elisa Wilfong, CCCWP and Tim Potter, Central San)

9:45 Contra Costa Green Business Certification Program (Robin Bedell-Waite, Contra Costa Green Business Program)

10:15 Sampling and Assessing NOI Facilities (Lynne Scarpa, City of Richmond)

10:45 BREAK *(Refreshments Provided)*

11:00 Identifying Mercury, PCBs, and Copper in the Field (Eric Johnson, Hazardous Materials)

Noon BREAK *(Lunch Provided)*

1:00 How to Achieve Stormwater Compliance and Case Studies (Lon Wixson, Deputy District Attorney and Stacey Grassini, Deputy District Attorney)

1:45 Case Study: Sewer Overflows (Tim Potter, Central San)

2:15 Case Studies in Stormwater Compliance and Enforcement (Central San Team)

2:45 Wrap-up/Evaluations

3:00 Adjourn

Town of Danville
Emergency & Environmental Management
Phone Numbers

Local/County/Regional Governmental Contacts

Stormwater Contact: Chris McCann (925) 314-3342 (Direct); if no answer, call Receptionist at (925) 314-3340 or Don Stanley (Alternate) at (925) 314-3353

Maintenance Dept.: Jed Johnson (925) 314-3419 (Direct), (925) 575-6070 (Cell), (925) 314-3412 (Receptionist)
After Hours: (925) 575-6038 (Standby)

Local Police Department: (925) 314-3410 (Office)
(925) 820-2144 (Dispatch 24-Hour. Non-emergency)

Local Fire District: (925) 838-6600 (Admin Office)
(925) 838-6691 (Emergency Dispatch)
(925) 838-6640 (Non-emergency Dispatch)

CCC HazMat 24-Hour Emergency: (925) 646-1112
Office: (925) 646-2286

Wastewater Agency: Contra Costa Central Sanitary District (925) 228-9500 (Main Number)
After Hours: (925) 933-0955 (24-Hour Dispatch)

CCC Environmental Health Services (Ground Water & Sewage):
(925) 646-5225, 7:30 am – 4:30 pm Weekdays

CCCSD HazWaste/Recycling Facility:
Martinez: (800) 646-1431

Recycling Hazardous Materials for Toxic Substances in CCC: (800) 750-4096

East Bay Municipal Utility District: (866) 403-2683

Adjacent City Contact: San Ramon
Engineer: Steven Spedowfski (925) 973-2653
Alternate: Maria Robinson (925) 973-2689
SR Receptionist: (925) 973-2670

Unincorporated County:
Main Number: (925) 313-2000, or
Charmaine Bernard: (925) 313-2236
After Hours: Call HazMat or 911

Sheriff's Communications Center: (925) 646-2441

East Bay Regional Park District – Fire District Emergency 24-Hour Line: (510) 881-1121

East Bay Regional Water Quality Control Board: (510) 622-2300

Miscellaneous

Clean Up Contractors:

Evergreen Environmental: (800) 972- 5284

Water Testing Companies:

Aqua Science-Danville
(M-F – 8:00 am -5:00 pm): (925) 820-9391

Laboratory:

Nachtmann Analytical Laboratory: (530) 758-5850

State & Federal Agencies

CA Highway Patrol: (925) 646-4980

San Francisco Bay Regional Water Quality Control Board: (510) 622-2300

Office of Emergency Services Spill Line: (800) 852-7550

Dept. Fish & Game – 24-Hour Dispatch During Incident: (831) 649-2801

CAL EPA – Dept. of Toxic Substances Control (Region 2): (510) 540-3856

CAL Occupational Safety and Health Administration: (925) 602-6517

Distribution:

Maintenance	35	(25 vehicles, 3 supervisors, 1 Jed, 1 Cheryl, 1 downstairs, 4 specialists)
Police	26 +	Electronic Copy to Claudia
Greg Gilbert	1	
Downstairs Phones	3	
Upstairs:		
Front Counter	4	
Blue Carpet	3	Rochelle, Marie, Micky
Engineering Secretaries	2	Barbara, Pat
Engineering/Transportation	12	(10 vehicles)
Building Inspectors/Mike/Dave C	5	
Total	91	

Laminate 100

ILLICIT DISCHARGE CONTROL ACTIVITIES PLAN

June 2011
(Updated July 2003, 2004, 2005 and 2007)

DANVILLE STORMWATER POLLUTION CONTROL PROGRAM

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1.0 INTRODUCTION

The Town of Danville and the Contra Costa Clean Water Program (CCCWP) co-permittees operate jointly to implement a joint Municipal Regional Permit (MRP) to comply with the National Pollutant Discharge Elimination System (NPDES) requirements. The MRP includes a requirement, C.5 - Illicit Discharge Detection and Elimination, to demonstrate Danville's commitment to take specific steps to control illicit discharges. In Danville, the Stormwater Program is commonly referred to as the Town's Stormwater Pollution Control Program (SPCP). This model plan satisfies the performance standard and forms a basis for Danville to conduct effective illicit discharge control activities.

An illicit discharge is any discharge other than stormwater and certain exempted and conditionally exempted discharges that enter a municipal separate storm sewer system (also known as a storm drain system) through unregulated activities such as illegal dumping, illicit sewer connections to the storm drain, and littering. Common illicit discharges may include oils, paints, yard waste, food waste, paper litter, garbage, household chemicals, concrete, construction debris and sewage.

The Town's storm drain system will, at the least, be defined as the storm drain system consisting of catch basins/inlets, culverts, pipes, outfalls, engineered channels, drainage ditches and natural creeks that the Town maintains. This Plan will guide Danville's efforts to mitigate illicit discharges to the manmade storm drain system through Planning, Inspection, and Enforcement.

Municipal Maintenance annual screening inspections activities are addressed in this plan to address the MRP requirements of section C.5 – Illicit Discharge Detection and Elimination. Danville implements two other stormwater inspection activities required in the MRP. They include C.4. - Industrial and Commercial Site Controls for business inspections and C.6 – Construction Site Controls for development projects.

1.1 Goal of Illicit Discharge Control Activities

The goal of illicit discharge control activities is to reduce illicit discharges to the storm drain system. To achieve this goal, the following tasks will be implemented:

Planning

- Field screening areas for inspections will be identified and prioritized. The map referred to in Figure 1 includes portions of the storm drain system, such as creeks, outfalls, trash racks etc. and is maintained in the Municipal Maintenance Division.
- A schedule for conducting annual inspections of high priority areas is included in Table 1 and is coordinated with the Maintenance Division's routine creek inspections schedule.
- Reactive inspections ("call-outs") are complaint-driven and will be conducted on an "as-needed" basis.

Inspection

- Annual Inspection Activities are documented on the Illicit Discharge Control Activities Inspection Form presented in Table 2.
- Training will be conducted to develop skilled inspectors able to identify the source of discharges, as well as the discharge, and who will work effectively with the public to achieve elimination of illicit discharges.

Enforcement

- All illicit discharge incidents shall follow the stepped up enforcement procedures contained in the Town's Enforcement Response Plan (ERP).
- Enforcement of gross violations of the local Stormwater Management and Discharge Control Ordianance (Ordinance No. 2004-06), that result in illicit discharges can be handled through misdemeanors or infractions or through the Administrative Fines Ordinance which also can impose fines and other remedies.
- Enforcement of gross violations of the local stormwater ordinance that result in illicit discharges, usually include requiring the responsible party, at their expense, to clean up the illicit discharge.
- Other less egregious offences will be handled with verbal and written warnings with the possible seeking of reimbursement for Town costs. Education materials are always provided.

Evaluation & Reporting

- Illicit discharges trends will be evaluated and analyzed annually and a summary included in Danville's Annual Report to the Regional Water Quality Control Board. The Illicit Discharge Control Plan will be updated modified as necessary.

1.2 Municipal Operations Committee

The CCCWP Municipal Operations Committee (MOC) assists in 1) achieving consistency in illicit discharge control activities reporting, 2) coordinating program-wide inspector training, and 3) supports development of educational information and focused regional outreach efforts.

2.0 IMPLEMENTATION OF ILLICIT DISCHARGE CONTROL ACTIVITIES

2.1 Planning

2.1.1 Field Screening Areas

Field-screening areas for inspection are shown on a wall map that is located in the Maintenance Division's office. These areas are considered either "high," "medium," or "low" priority based on land use designations, history or absence of stormwater violations, presence of potential pollutants, proximity to a large water body, topography and other relevant criteria. A detailed map of the drainage system that includes the storm drain pipes, catch basins, inlets, trash racks, and outfalls is also utilized by staff top do field screening. A field-screening area priority may change based on field inspections. For example, high field-screening priority areas may become medium or low-priority if inspections indicate they have minimal illicit discharges.

2.1.2 Inspection Activities Schedule

Routine, pro-active inspections of the high priority screening areas will be conducted annually. Table 2 provides a list of the high priority sites and the inspection schedule. Medium and low priority screening areas will be inspected once during a five-year period. Unplanned, or reactive inspections will be conducted on an "as-needed" basis in response to complaints received by Danville or knowledge of spill incidents that are not handled by other agencies (e.g. County Hazardous Materials, Fire Department, etc.).

2.1.3 Inspection Program Organization

The Town's Illicit Discharge Control Plan is continuously evolving. Inspection activities are conducted by Stormwater, Engineering and Maintenance staff. Drainage maps are the most valuable tool for tracking regular maintenance inspection activities in the Maintenance Division as well as in the Engineering Division. These activities frequently result in identification of illicit discharges as well the need to correct storm system deficiencies by enacting new capital projects to eliminate problem areas.

The Town's Illicit Discharge program is managed jointly by Stormwater, Maintenance and Engineering staff. Field personnel frequently find illicit discharges and report their findings to the Stormwater coordinator for follow-up. The Maintenance Division handles high priorty areas and these inspections are routinely done on an annual basis, at a minimum. In addition, Town Maintenance staff annually inspects and/or cleans all Town maintained drainage facilities in the Fall which includes 14 trash racks that are elevated to high

priority status during the rainy season. In addition, the Town's Engineering grading inspector inspects outfalls to creeks on a regular basis in locations where development is occurring adjacent to creeks.

The Town has five areas that are visually inspected on a quarterly basis. These sites were selected because they are representative of the major drainage areas of Town. Typically, they are located downtown, near a Town boundary or are located at the junction of two major creeks. The existing locations include:

- Cow Creek where it daylights at Harlan Drive;
- The junction of Sycamore Creek with San Ramon Creek;
- The major downtown outfall and drop structure along San Ramon Creek, just south of Diablo Road;
- Green Valley Creek at Hill Road just after the north and east branches join;
- Alamo Creek at Center Avenue where the creek flows into Danville from Blackhawk; and
- The daylighted creek behind FAZ Restaurant in the downtown area.

Town staff work cooperatively to eliminate each illicit discharge. The Maintenance Department, Engineering inspectors and/or the Police Department may be called in depending on the type of incident that has occurred and its urgency. If a non-hazardous spill incident occurs, Maintenance Department will notify stormwater staff and will detain/retain the spill until it can be cleaned up by the responsible party. The Town has an open P.O. with Roto-Rooter for this type of clean-up service and an informal agreement with the Contra Costa Central Sanitary District (CCCSD) to dispose of the spill at their facility.

CCCSD inspectors may also be called-out to assist the Stormwater manager with inspections or if a more thorough business inspection with follow-up inspections are deemed necessary.

2.2 Inspections

2.2.1 Field Investigations

High priority field-screening areas will be inspected annually by the Stormwater coordinator and Maintenance inspectors. Visual inspections of discharge points, including catch basins, drain inlets, ditches and creeks within the high priority areas will be conducted. If an active illicit discharge is identified, an attempt will be made to trace the source of the discharge and eliminate it. Inspection methods may include inspection of manholes up-gradient of the discharge site, dye testing, video surveillance of the storm drain system and/or collection of samples.

Illicit dumping is usually identified by Maintenance workers when they are inspecting and cleaning the Town-maintained drainage system on an annual basis. New dumping sites are required to be cleaned up by the property owner at the Town's direction. Or if the site is on public right-of -way, the Town's Maintenance

Division will clean it up and a new "No Dumping" sign is posted if multiple dumping incidents have occurred on the site.

2.2.2 Reactive Inspections

Notices about illicit discharges are received in a variety of ways. These include calls to the Program's "1-800-NO-DUMPING" telephone number, referrals from law enforcement officials, field staff, anonymous tips, referrals from the County Health Department, etc.

The notice of an illicit discharge will be directed to the Stormwater Program coordinator or the grading inspector in Engineering. In general, upon discovery of an illicit discharge, either through staff awareness or a call from the public, the following steps are taken:

1. Maintenance and Public works crews are dispatched to evaluate the situation. HAZMAT and the fire Department are called through 911 if the material discharged was deemed hazardous or if it could not be identified. Hazmat or an Environmental Clean-up company maybe called in to remediate the situation.
2. If it is determined to be a non-hazardous material and clean-up is necessary, the responsible party is identified. Town staff will direct the responsible party on the how to conduct the clean-up effort. All clean-up costs are at the expense of the responsible party. If no responsible party can be found, the Town Maintenance staff or a contractor hired to clean-up the site.
3. If there was a significant discharge into a drainage facility that could not be captured, other affected agencies, including downstream jurisdictions, Fish and Game and the Regional Water Quality Control Board are notified.
4. Follow-up efforts will be pursued per the Town's Enforcement Response Plan (ERP) which may include follow-up inspections within 10 days if required.
5. In all cases, the appropriate public information materials will be distributed to the responsible parties involved.

The situation may result in either a warning letter if the discharge did not reach the storm drain system and it is the responsible party's first violation, or a notice of violation may be issued if the discharge entered the storm drain system. In most cases the Town will seek reimbursement for all costs incurred. Depending on the severity of the event, a citation and an administrative fine may be imposed per the Town's ERP.

If the responsible party is a construction company that should be aware of how stormwater pollution control measures should be implemented, more stringent enforcement efforts are pursued. If it is an unintentional accident by a private property owner, more leniency may be exercised with a warning notice issued. The Stormwater manager may consult with the City Engineer, City Attorney and/or the City Manager to determine the appropriate level of enforcement.

The responsible party causing the source of the pollution is identified by staff through the use of drainage inventory maps and the Town's property ownership information. The responsible party is personally contacted as soon as possible, the pollutant source identified and the property owner educated. The IDCA inspector will explain the impacts of their action and the requirements of the Town's Stormwater Ordinance. Information on BMPs will be provided as appropriate. The property owner will be billed for any out of pocket expenses that the Town may incur. The inspector may initiate immediate action to abate the discharge and recommend follow-up and/or enforcement procedures. A "non-emergency" illicit discharge from an industrial or commercial business may be referred to CCCSD by the Stormwater manager, for a more thorough follow-up business inspection. The Danville Town Council supports the initiation of enforcement procedures for repeat offenders.

If the spill material cannot be identified, or if an immediate threat to human health and the environment is present, emergency service personnel will be notified immediately. Town staff is instructed to call 911 for emergency response. The Fire and Police Departments and County HAZMAT will respond to the 911 call-out. There is a formal chain of command that kicks in depending on who responds first, but ultimately HAZMAT is responsible for handling hazardous spills as soon as they arrive. If necessary in the interim, Maintenance staff assists the Fire Department in supplying materials to contain the spill, before HAZMAT arrives. The appropriate calls to Fish and Game and the Regional Water Quality Control Bard will be made when deemed necessary, if an impairment to a creek has resulted from the spill.

Depending on the type and severity of the spill, a local water testing company may be called in to take water samples and/or an environmental clean-up company may be called to handle the clean-up effort. If the source and the responsible party for the pollution is identified, they will be billed for these services. Otherwise, if the responsible party cannot be determined, the clean-up for the spill will be at the Town's expense.

A problem that has occurred in the past is that if the type of spill is not initially identified and HAZMAT arrives and discovers that the spill is not hazardous (according to their standards), and they may not instruct the responsible party to clean up the discharge. After the Town's first experience with this situation, the Stormwater staff now monitors the progress of each reported spill to make sure that the non-hazardous spill is still cleaned up. Even though it is not hazardous to humans, it is still an illicit discharge.

2.2.3 Inspector Training

The CCCWP and other agencies provide countywide training and workshops on an on-going basis to ensure effective and consistent inspections throughout the county. Town and CCCSD inspectors attend these training to remain knowledgeable in the law, current on new regulations and skilled in various inspection

techniques necessary to conduct effective field investigations. Danville and CCCSD may also conduct in-house training or have inspectors attend regional conferences, etc., as appropriate to also improve their skills.

2.3 Enforcement

All illicit discharge incidents shall follow the stepped up enforcement procedures contained in the Town's Enforcement Response Plan (ERP). Danville has adopted Ordinance No. 2004-06, Stormwater Management and Discharge Control Ordianance which only allows clean stormwater to enter the Town's drainage facilities - *Nothing but stormwater down storm drains.* If the responsible party is known, the Town will, at a minimum, seek compliance through written warnings or verbal communications. A gross violation of the local stormwater ordinance may result in enforcement of the stormwater ordinance and/or an administrative fine and/or other enforcement measures. Such action will be coordinated by the Danville Stormwater Program Coordinator

If a serious stormwater violation that poses an imminent threat to human health and the environment is identified during an inspection, the local agency may refer the violation to emergency response personnel, the Contra Costa County Hazardous Materials Division of the Contra Costa County Health Department, the District Attorney, the RWQCB, the California Department of Fish and Game and/or the U.S. Environmental Protection Agency, all of whom may also have their own enforcement procedures.

In general, from time to time Town staff may observe that repeat offences are occurring in certain areas of Town or uniformly throughout Town. In these cases, educational and outreach activities to targeted areas will be scheduled when necessary. They will focus on the harmful effects of illegal dumping and suggest best management practices to mitigate illicit discharge. The Town's newsletter or targeted mailing lists will be developed to address individual cases such as maintenance of a private drainageways or notice about a Townwide recycling event.

2.3.1 Education & Outreach

An inspector may distribute and discuss appropriate educational and BMP materials with the responsible party during Illicit Discharge inspection activities. Distribution of educational material will be documented on the inspection form. Educational material may also be broadcast to residents and businesses located where a particular pollutant exposure is re-occurring.

2.4 Evaluation and Reporting

Illicit discharge inspection activities will be documented on forms provided in Table 2. The illicit discharge inspection activities will be summarized annually and reported in Danville's Annual Report to the Regional Water Quality Control Board. Trends of illicit discharges will be monitored annually and the Illicit Discharge Activities Plan will be modified as necessary.

In the future, the Town may consider utilizing a computerized data management system for managing and tracking information collected during the field investigations and follow-up activities. Information could be linked through a data management system to storm drain and area maps through the Town's GIS system to evaluate and improve coordination and efficiency for future activities.

Stormwater Inspection Report
Illicit Discharge

Inspection date

Facility name	Site address	City	Zip code

Primary contact name and title	Phone number	Inspector name

Secondary contact name and title	Phone number	Inspector name

Property owner	Mailing address	City	Zip code

City permit number

SIC code	
SIC code	

Parcel #

Stormwater facility type
☐ Residential
☐ Restaurant
☐ Vehicle Service Facility
☐ Other (see below)

# of employees

Days of operation

Hours of operation

Type of business or operation / major activity

Inspection type	Enforcement action	#	Follow-up inspection required?
☐ Routine ☐ Investigation / call-out ☐ Enforcement follow-up	☐ Warning Notice ☐ Notice of Violation ☐ Referral Notice (note referral agency): _____		☐ Yes ☐ No

Sample collected?	Sample no.
☐ Yes ☐ No	

Site Map (optional): Sketch inspection site showing major site features, e.g.; buildings, outdoor storage areas, storm drain inlets, creeks, illicit discharge / connection location, etc.

Initial observations / changes since last inspection:

Stormwater Permit Status (choose one only):

- ☐ Facility has filed NOI. WDID # _____
  Does the facility have a SWPPP? ☐ Yes ☐ No ☐ Refer to RWQCB
  - If yes: Is the SWPPP being implemented? ☐ Yes ☐ No
    Is self-monitoring being implemented? ☐ Yes ☐ No
  - Has the facility self-certified no exposure? ☐ Yes ☐ No
- ☐ Facility is not covered and does not appear to need coverage.
- ☐ Facility not covered but may require coverage.
  - ☐ Facility has an individual NPDES permit. Permit # _____

Stormwater Inspection:

Illicit connections discovered? If Yes, describe under Deficiencies / Observations	☐ Yes ☐ No

Areas of Activity	N/A	BMPs				Pollutant exposure	Illicit discharge	Deficiencies / Observations
		Any in place?		Appear Effective?				**Enter code for Pollutant Type in boxes below and briefly describe**. (Additional space on back page)
		Yes	No	Yes	No			
INDOORS								
a. floor cleaning								☐ ☐
b. equipment cleaning								☐ ☐
c. manufacturing, residues and spills								☐ ☐
OUTDOORS								
a. outdoor process/mfg areas								☐ ☐
b. outdoor material storage areas								☐ ☐
c. outdoor waste storage/disposal areas								☐ ☐
d. outdoor vehicle and heavy equipment storage, maintenance areas								☐ ☐
e. outdoor parking areas and access roads								☐ ☐

Areas of Activity	N/A	BMPs				Pollutant exposure	Illicit discharge	Deficiencies / Observations
		Any in place?		Appear Effective?				**Enter code for Pollutant Type in boxes below and briefly describe**. (Additional space on back page)
		Yes	No	Yes	No			
f. outdoor wash areas								☐ ☐
g. outdoor drainage from indoor areas								☐ ☐
h. other (describe)								☐ ☐

Pollutant Type: **(enter number in boxes above - use more than one code if necessary)**

1. **Construction materials**
2. **Sewage**
3. **Food waste**
4. **Automotive fluids**
5. **Fuels**
6. **Hazardous waste**
7. **Yard waste**
8. **Litter**
9. **Other (specify next to box)**

Additional Deficiencies / Observations:

Educational materials distributed:

Quantity **Type**

_____ _____

_____ _____

_____ _____

_____ _____

TABLE 1

High Priority Field Screening Area Inspection Schedule

Site	Frequency
1. Fountain Springs	Annual
2. Del Amigo Ditch to Danville Blvd.	Annual
3. Cow Creek – Harlon to El Capitain	Annual
4. Front Street Ditch	Annual
5. Starview to Marion	Annual
6. Corte Nogal to Camino Encanto	Annual
7. Ridgeland	Annual
8. Laurel Ditch	Annual
9. Love Ln Ditch - Hanes Ct. to Verona	Annual
10. Farney Ditch- Blackhawk to 200’ of Jillian Way	Annual
11. Hill Rd. Ditch to Blemer	Annual
12. Clydesdale Ditch to Fairway Dr.	Annual
13. Cameo Ditch – Plaza Circle to Maiden Ln./Clydesdale	Annual
14. El Pintado Ditch	Annual
15. Elsie Ditch	Annual
16. Danville Blvd. Ditch	Annual
17. Line A-2 – Camino Encanto to Del Amigo Rd	Annual

DANVILLE

"Small Town Atmosphere
Outstanding Quality of Life"

February 24, 2011

Ms. Julie Whitmer
260 South Avenue
Alamo, CA 94507

Subject: Notice to Comply, Erosion and Sediment Control
Grading Permit No. G-4138

Dear Ms. Whitmer:

Please be advised that your construction site at 335 Glendora Circle is out of compliance with the Town of Danville, Contra Costa County Clean Water Program, and your Erosion Control Plan by Alexander & Associates, dated August 27, 2010.

My on-site inspection at 10 AM this morning found your site to be in poor condition, and in violation of the Clean Water Program.

The run-off from the site was muddy and had other white discharge material leaving your site and draining across other properties.

You did respond to my phone call and said the problem would be corrected. I appreciate your timely response, and will perform a follow-up inspection, Friday, February 25, 2011.

I am enclosing photos of the site conditions as of 10 AM this morning. I hope no future violations will occur on your site.

Sincerely,

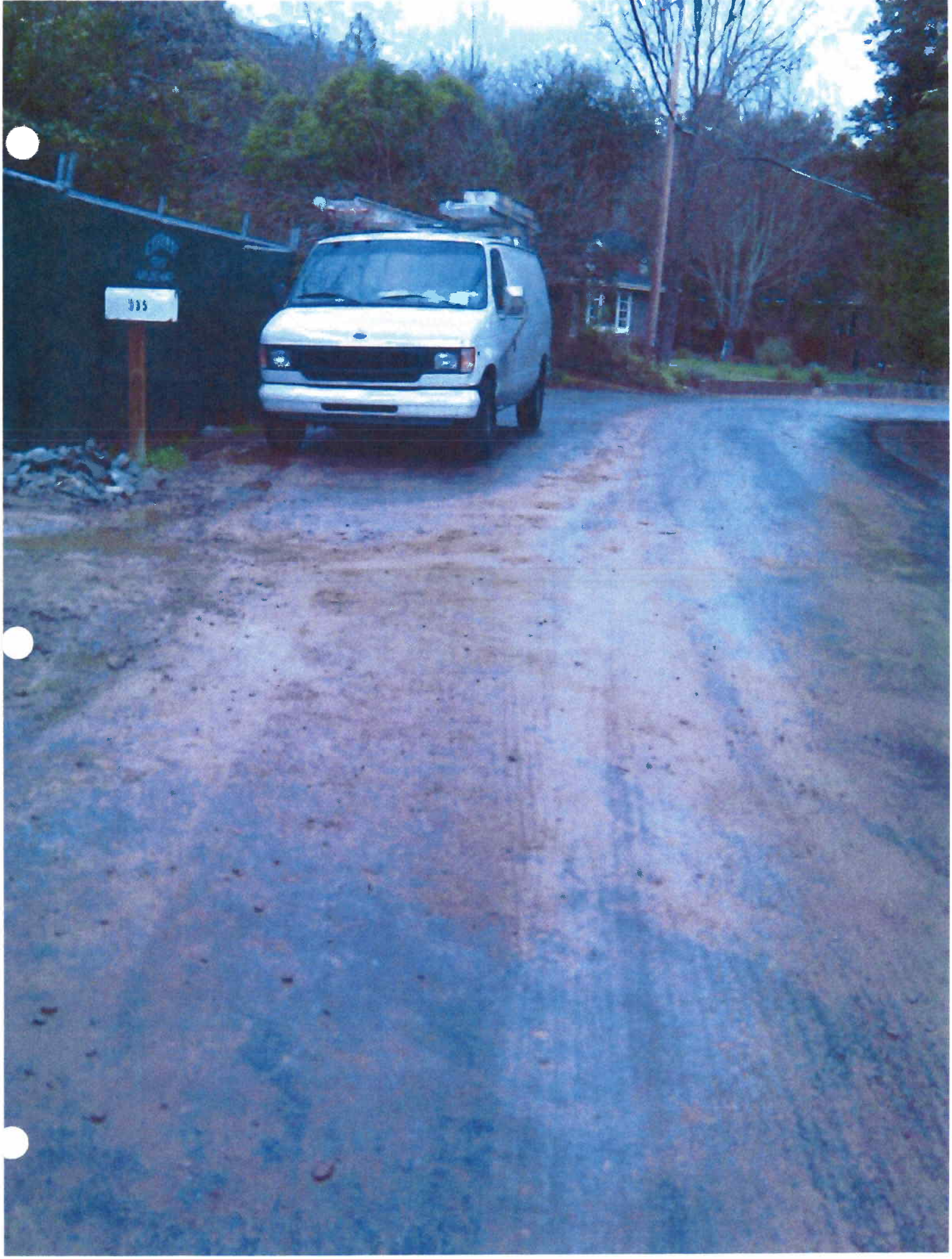
Town of Danville

Don Stanley
Public Works/Grading Inspector

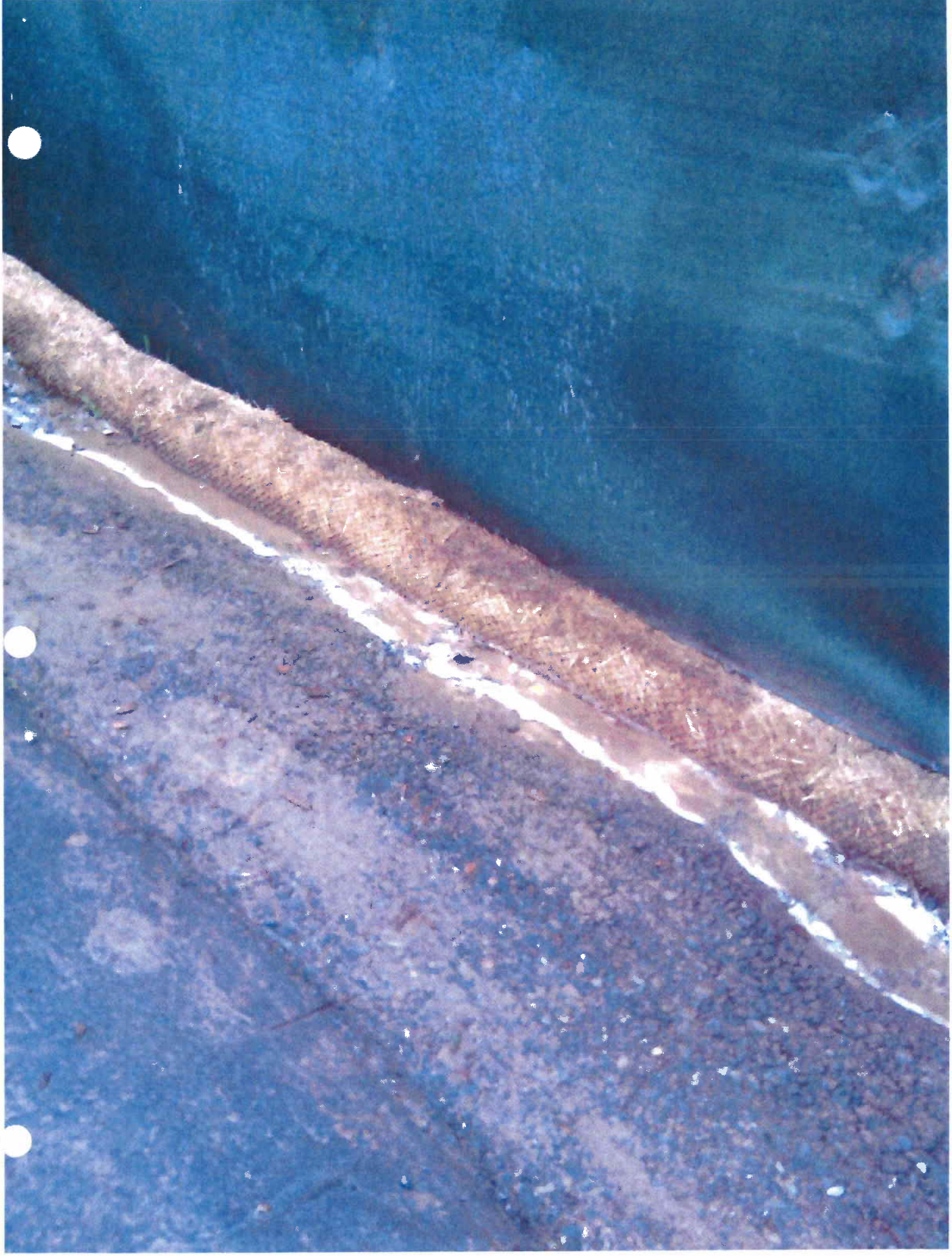
Enclosures

510 LA GONDA WAY, DANVILLE, CALIFORNIA 94526

Administration (925) 314-3388 | Building (925) 314-3330 | Engineering & Planning (925) 314-3310 | Transportation (925) 314-3310 | Maintenance (925) 314-3450 | Police (925) 314-3700 | Parks and Recreation (925) 314-3400


935


335




EXPRESS
FENCE
408-200-4046

MODEL STORMWATER TREATMENT FACILITIES CONSTRUCTION INSPECTION CHECKLIST

PROJECT INFORMATION

Location: _____

_____

Inspector: _____ Phone: _____

Engineer: _____ Phone: _____

PERMIT No: _____

IMPs ON-SITE: Total # of IMPs _____

☐ Bioretention Facilities ☐ Flow-through Planters

☐ Dry Wells ☐ Cisterns _____

☐ Other _____

ENGINEERING INSPECTION REQUEST LINE

[Edit instructions per local procedures] Call and leave message for assigned inspector prior to midnight on the day before the requested inspection date. Provide City Permit number, address of project, and type of inspection requested. Failure to provide this information may result in the inspection not being made. To obtain an approximate time for the inspection, call the assigned inspector between 8:00 and 8:30 am on the morning of your requested inspection.

IMP GROUP 1 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 2 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 3 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 4 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 5 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 6 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

IMP GROUP 7 includes IMP#

Layout	Excavation	Overflow Inlet/Surface Connection to SD	Underground connection to SD/outlet orifice	Drain rock/sub-drain
Soil media mix	Soil media installation	Irrigation	Planting	Engineering Final

Comments:

INSPECTION SEQUENCE REQUIREMENTS

LAYOUT inspection is required prior to beginning the excavation.

EXCAVATION inspection is required prior to backfilling any materials or pipe installation.

OVERFLOW INLET or SURFACE CONNECTION TO STORM DRAIN inspection is required prior to backfill of any materials.

CONNECTION TO STORM DRAIN or OUTLET ORIFICE inspection is required prior to backfilling IMP with any materials.

DRAIN ROCK/SUB-DRAIN inspection is required prior to soil media mix (test) and installation.

SOIL MEDIA MIX inspection (test) is required prior to soil media installation.

SOIL MEDIA INSTALLATION inspection is required prior to irrigation installation.

IRRIGATION inspection is required prior to plant materials installation.

PLANTING inspection is required prior to FINAL INSPECTION.

Items to be Inspected

Layout (Certification may be required)

- ☑ Square footage of the facility meets or exceeds minimum shown in Stormwater Control Plan.
- ☑ Site grading and grade breaks are consistent with the boundaries of the tributary Drainage Management Area(s) shown in the Stormwater Control Plan.
- ☑ Preliminary inlet elevation of the facility is low enough to receive drainage from the entire tributary Drainage Management Area(s).
- ☑ Locations and elevations of overland flow or piping, including roof leaders, from impervious areas to the facility have been laid out and any conflicts resolved.
- ☑ Rim elevation of the facility is laid out to be level all the way around, or elevations are consistent with a detailed cross-section showing location and height of interior dams.
- ☑ Locations for vaults, utility boxes, and light standards have been planned so that they will not conflict with the facility.
- ☑ Facility protected as needed from construction-phase runoff and sediment.

Excavation (Certification may be required)

- ☑ Excavation conducted with materials and techniques to minimize compaction of soils within the facility area.
- ☑ Excavation is to proper area and depth.
- ☑ Slopes or side walls protect from sloughing of native soils into the facility.
- ☑ Moisture barrier, if needed, added to protect adjacent pavement or structures.
- ☑ Native soils at bottom of excavation are ripped or loosened to promote infiltration.

Overflow Inlet/Surface Connection to Storm Drainage

- ☑ Overflow inlet is at specified elevation (typically no lower than two inches below facility rim).
- ☑ No knockouts or side inlets are in overflow riser.
- ☑ Inlet location selected to minimize surface flow velocity (near and offset from inlet recommended).
- ☑ Grating selected to exclude mulch and litter (beehive or atrium-style grates with ¼" openings recommended).
- ☑ Inlet is connected to storm drain via appropriately sized piping.
- ☑ Facility emergency overflow path designed to avoid flood damage.

Underground Connection to Storm Drain/Outlet Orifice

- ☑ Perforated pipe underdrain (PVC SDR 35 or approved equivalent) is installed with holes facing down.
- ☑ No filter fabric is installed around the underdrain.
- ☑ Perforated pipe is connected to storm drain (treatment-only) or orifice (treatment-plus-flow-control) per plans.
- ☑ Underdrain pipe is at elevation shown in plans. In facilities allowing infiltration, preferred elevation is above native soil (but low enough to be covered at least 2 inches by Class 2 perm); in sealed planter boxes or bioretention facilities with liners, preferred elevation is as near bottom as possible.
- ☑ Cleanouts are in accessible location(s) and connected via sweeps.
- ☑ Structures (arches or large diameter pipes) for additional subsurface storage are installed as shown in plans and specifications and have the specified volume.

Drain Rock/Subdrain

- ☑ Rock is installed as specified. Class 2 permeable, Caltrans specification 68-1.025 recommended, or 4"-6" pea gravel is installed at the top of the crushed rock layer.
- ☑ Rock is smoothed to a consistent top elevation. Depth and top elevation are as shown in plans, accounting for depth of soil mix and mulch to follow and required top reservoir depth.
- ☑ No filter fabric is placed between the subdrain and soil mix layers.

Soil Media Mix (Certification may be required)

- ☑ Soil media mix is as specified. Quality of mix is confirmed by delivery ticket or on-site testing as appropriate to the size and complexity of the job.
- ☑ Mix is installed in lifts not exceeding 12".
- ☑ Mix is not compacted during installation but may be wetted thoroughly to encourage consolidation.
- ☑ Mix is smoothed to a consistent top elevation. Depth of mix (18" minimum) and top elevation are as shown in plans, accounting for depth of mulch to follow and required top reservoir depth.

Irrigation

- ☑ Irrigation system is installed so it can be controlled separately from other landscaped areas. Smart irrigation controllers and drip emitters are recommended.
- ☑ Spray heads, if any, are positioned to avoid direct spray into outlet structures.

Planting

- ☑ Plants are installed consistent with the approved planting plan.
- ☑ Any trees and large shrubs are staked securely.
- ☑ No fertilizer is added. Compost tea may be used.
- ☑ No native soil or clayey material are imported into the facility with plantings.
- ☑ 1" to 2" mulch may be applied following planting. Mulch selected to avoid floating.
- ☑ Maintain final design elevation of soil mix following planting.
- ☑ Curb openings are free of obstructions.

Final Engineering Inspection

- ☑ Drainage Management Area(s) are free of construction sediment; landscaped areas are stabilized.
- ☑ Inlets are installed to provide smooth entry of runoff from adjoining pavement, have sufficient reveal (drop) from the adjoining pavement to the top of the mulch or soil mix, and are not blocked.
- ☑ Inflows from roof leaders and pipes are connected and operable.
- ☑ Temporary flow diversions are removed.
- ☑ Rock or other energy dissipation at piped or surface inlets is adequate.
- ☑ Overflow outlets are configured to allow the facility to flood and fill to near rim before overflow.
- ☑ Plantings are healthy and becoming established.
- ☑ Irrigation is operable.
- ☑ Facility drains rapidly; no surface ponding is evident.
- ☑ Any accumulated construction debris, trash, or sediment is removed from facility.

EARTH DAY

IS HERE!

WHEN: ***THURSDAY, APRIL 14, 2011*** **10:00am - 2:00pm**

WHERE: CONTRA COSTA COLLEGE
2600 MISSION BELL DRIVE 94806

SPONSORED BY: CONTRA COSTA COLLEGE & RECYCLEMORE

FEATURING: CCC GREEN TECHNOLOGY CARS!!

HOW AWESOME IS IT?
BBQ, DJ, RAFFLE, EXHIBITIONS, FREE GIFTS, & PRIZES!

LEARN HOW TO HELP SAVE YOUR EARTH!

BAY AREA
GREEN BUSINESS PROGRAM

December 8, 2010

Chris McCann
Town of Danville
510 La Gonda Way
Danville, CA 94526

Dear Ms. McCann:

Congratulations on becoming a Certified Green Business! On behalf of all of the partners in our program, I want to express our appreciation for the extra effort you and other Green Businesses have taken to conserve resources and prevent pollution. We hope you will be available to celebrate your certification at our annual **recognition ceremony** before the Contra Costa County Board of Supervisors in Martinez in April 2011.

Please feel free to use the Green Business **logo** for your own advertising, which you can download from the online Marketing Toolkit (using the username and password that was emailed to you), but note the **guidelines of use**, also in the Toolkit. We are committed to providing the community with publicity about the program as well as our certified businesses. We will be promoting it at local community fairs and in our various agency newsletters and newspapers. Our website (**www.greenbiz.ca.gov**) as well as our directories will list you as a Green Business!

Enclosed is a window **decal** to let clients know of your accomplishment, and some "**What does it mean...to be Green**" cards that our Green Businesses have been using to give to their customers and clients. If you'd like more, there is room on them for your business name and they're only 20 cents each—just let me know.

Please also use your online Pollution Prevention/Resource Conservation **Checklist** as a guide for implementing even more measures—we really encourage businesses to continually improve their "greenness" and will be looking for this when we recertify you in three years.

Finally, we would appreciate your completing the **survey** that was emailed along with the logo to get your feedback on our program. You can also use this survey for ideas on how to let both your staff and customers know about your becoming a Green Business.

Congratulations on your achievement and we look forward to working with you in the future.

Sincerely,

Robin Bedell-Waite

Robin Bedell-Waite
Green Business Program Coordinator

BAY AREA

GREEN BUSINESS PROGRAM

You are invited to the ....

Contra Costa Green Business Program Recognition Ceremony!

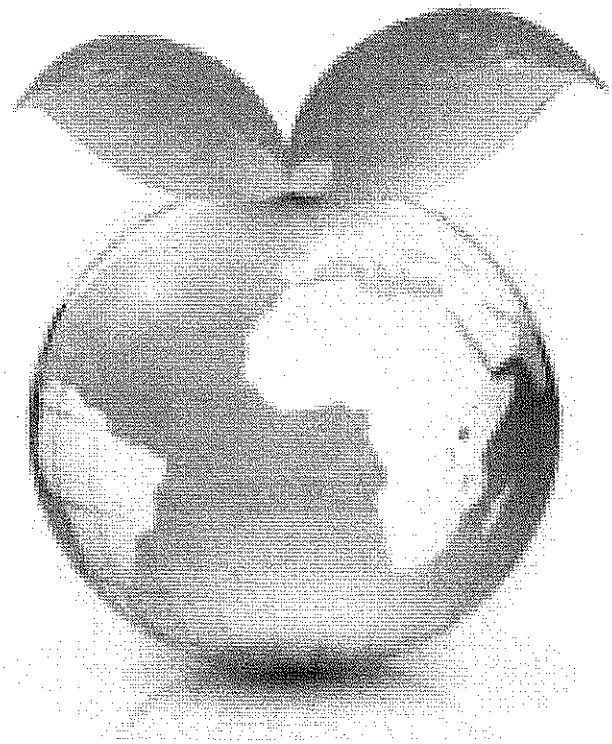
May 3, 2011
Contra Costa County Board of Supervisors
651 Pine Street, Martinez – Board Chambers
9:30 a.m. – Reception Following

Recognizing—Environmental Values at Work!

Directions: From Hwy 4, go north at Fwy 680. From 680, take Marina Vista & turn left, go through refinery, down to Pine Street (first street on left). One block up is the 12-story County building (651 Pine Street). Board Chambers are on 1st floor. Allow 30 minutes to find parking!

Program Partners – Committed to Working with Businesses to Achieve Environmental Excellence

Contra Costa Hazardous Materials Programs, Contra Costa Clean Water Program, Central Contra Costa Sanitary District, Mt. View Sanitary District, Delta Diablo Sanitation District, West County Wastewater District, City of Richmond Wastewater, San Ramon Valley Fire, Central Contra Costa Solid Waste Authority, West Contra Costa Integrated Waste Management Authority, Cities of Antioch, Brentwood, Concord, Danville, Martinez, Pittsburg, San Ramon & Walnut Creek, Contra Costa County Watershed Program; Contra Costa Water District, East Bay Municipal Utility District, PG&E, 511 Contra Costa and Bay Area Air Quality Management District



DANVILLE

DANVILLE TOWN COUNCIL
AGENDA

*NOTE CHANGE IN MEETING START TIME

Tuesday, February 1, 2011
***6:00 p.m.**

Town Meeting Hall
201 Front Street, Danville

Any document provided to a majority of the members of the Town Council regarding any item on this agenda will be made available for public inspection at the meeting and at the Danville Town Offices, 510 La Gonda Way, Danville, CA during normal business hours.

The Danville Town Council encourages citizens to participate in Council meetings. If you wish to speak on a topic listed on the agenda, please fill out a "Request to Speak" form and pass it to the City Clerk. When called upon by the Mayor, please step to the podium, state your name and address and then make your comments. Comments from citizens about subjects which are not listed on the agenda may be made under the matter "For the Good of the Town," which appears on each agenda.

CALL TO ORDER

PLEDGE OF ALLEGIANCE TO THE FLAG - Boy Scout Troop 36, St. Timothy's Episcopal Church, Dr. Tom Long, Assistant Scoutmaster

CHANGES TO THE ORDER OF THE AGENDA

FOR THE GOOD OF THE TOWN

At this time, if you wish to address the Town Council about a subject which is not listed on the agenda, please fill out a "Request to Speak" form and pass it to the City Clerk. When called upon by the Mayor, please step to the podium, state your name and address and then make your comments. Comments should not exceed three (3) minutes.

PROCLAMATIONS AND PRESENTATIONS

Presentation of proclamation to Dr. Tom Long proclaiming the week of February 6 to 12, 2011 as National Boy Scout Week

Recognition of Harry and Barbara Hubinger as CERT Leaders of the Year for 2010

DANVILLE TOWN COUNCIL
AGENDA
FEBRUARY 1, 2011

Proclamation presented to Andy Swartzell, San Ramon Valley Fire Protection District EMS Coordinator, proclaiming February as American Heart Month and Commitment to a Heartsafe Community

Presentation of Green Business Certification to the Town of Danville by Claudia Pingatore, Contra Costa Green Business Program Specialist

Introduction of Alex Weis, Program Manager, TRAFFIX

CONSENT CALENDAR

Consent calendar items are considered routine and are acted upon by the Town Council with a single action. Members of the audience wishing to provide public input may request that the Town Council remove the item from the Consent Calendar. Please fill out a "Request to Speak" form and pass it to the City Clerk. When called upon by the Mayor, please step to the podium, state your name and address and then make your comments. Comments should not exceed three (3) minutes.

1. Consider adoption of Resolution No. 10-2011, opposing the Governor's proposal to abolish Redevelopment Agencies in California (R. Flotten)

2. Consider approval of the Summary of Actions from the regular Town Council meeting of January 11, 2011 (M. Sunseri)

3. Consider approval of the Summary of Actions from the special Town Council meeting of January 25, 2011 (M. Sunseri)

4. Consider approval of the Register of Demands (E. Hudson)

5. Consider acceptance of November 2010 Month End Treasurer's Report (E. Hudson)

COMMUNICATIONS

Staff report given by Transportation Director Tai Williams

COUNCIL REPORTS

Provide direction to Town Manager to respond to request from Bettencourt Ranch Homeowners' Association

DANVILLE TOWN COUNCIL
AGENDA
FEBRUARY 1, 2011

Report by Councilmember Mayor Stepper on attendance at the U.S. Conference of Mayors held January 19 – 21, 2011 in Washington D.C.

Quarterly Tri Valley Transportation Council report

Quarterly Street Smarts report

ADJOURNMENT

CERTIFICATION

I, Marie Sunseri, City Clerk of the Town of Danville, hereby certify that the foregoing Agenda was posted for the noted meeting at the Danville Town Offices, the Danville Library, and the Danville Web site at www.danville.ca.gov, in the Town of Danville 72 hours in advance.

Marie Sunseri, City Clerk

NOTE: Farmers' Market hours are 9:00 a.m. – 1:00 p.m. every Saturday at the corner of Railroad Avenue and Prospect in Danville. Mayor/Council Office hours are held at the Danville Farmers' Market from 9:00 a.m. – 11:00 a.m.

NOTICE: If you challenge a city's zoning, planning, or other decision in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this notice, or in written correspondence delivered to the Town Council at, or prior to, the public hearing. Judicial review of any city administrative decision may be had only if a petition is filed with the court not later than the 90th day following the date upon which the decision becomes final. Judicial review of environmental determinations may be subject to a shorter time period or litigation, in certain cases 30 days following the date of final decision.

In compliance with the Americans with Disabilities Act, the Town of Danville will provide special assistance for disabled citizens. If you need special assistance to participate in this meeting, please contact the City Clerk (925) 314-3388. Notification 48 hours prior to the meeting will enable the Town to make reasonable arrangements to ensure accessibility to this meeting. [28CFR 35.102-35.104 ADA Title II]

Danville
TODAY
SUMMER, 2011
VOL. 28, ISSUE 2
– NEWS AND INFORMATION ABOUT YOUR COMMUNITY –

July 4th Parade and public safety reminders

A great part of Danville's small town tradition is the annual Kiwanis 4th of July parade. Each year, residents from throughout the San Ramon Valley gather to watch and participate in the wonderful event which runs through downtown Danville. The theme for 2011 is "Recognizing Our Future Leaders."

Because the parade crowd each year exceeds 40,000, the Town is asking for everyone's continued assistance in observing the following reminders:

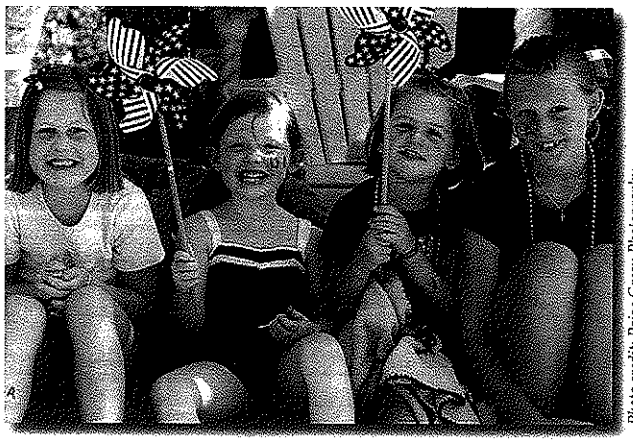


Photo credit: Paige Green Photography


Photo credit: Paige Green Photography

Start Time

This year's parade begins at 9:00 a.m. on Monday, July 4th. All entrants are encouraged to register online and attend a mandatory pre-parade meeting.

Keep our Streets and Sidewalks Accessible

Attendees wishing to "reserve their spot" along the parade route are asked to keep the streets and sidewalk clear until 6:00 p.m. the evening before the event in order to avoid significant public safety problems. Residents are asked not to block the public's access at street corners where handicap ramps are located. Chairs, tape, and other items placed along the parade route prior to 6:00 p.m. on July 3rd will be removed.

Note: The parade return route has been changed. This year, the parade will end at Sycamore Valley Road West. Parade entrants will then proceed west towards Sheri Lane; as a result, spectators who historically set-up south of the intersection of San Ramon Valley Blvd. and Sycamore Valley Road are encouraged to set-up north of Sycamore Valley.

(continued on page 3)

Message from the

Town Council

Happy summer to everyone!

One of Danville's most desirable characteristics is its sense of community and the wonderful array of special events the Town hosts throughout the year. You will want to check your calendar and plan to attend one or more of the following events: Danville's 4th of July Parade, Music in the Park, Hot Summer Nights Car Shows, Antique and Art Faire, and Danville D'Elegance. Information regarding these events, as well as upcoming fall events, can be found in this newsletter.

There is no better place to visit on those warm summer nights than downtown Danville. Take a stroll downtown and visit Danville's wonderful shops and restaurants. As an added incentive, there are many events scheduled on Thursday evenings this summer, including two "Shop Local" nights on July 14 and August 11. To discover what's new in Town each week, we encourage you to log on to the www.ShopDanvilleFirst.com website, which identifies retail, restaurant, and service businesses in Danville and highlights local attractions, special promotions, and events in the community.

If classes and programs are more to your interest, the Town's Recreation Services Department offers a multitude of senior, adult, youth sports and recreation programs. Check the Town's website at www.danville.ca.gov for the latest Activity Guide, which contains detailed information on these programs.

We take pride in our community and are committed to providing an outstanding quality of life for our residents. We hope that you and your family take advantage of the many wonderful opportunities our unique and special community has to offer.

Town takes part in Sharps collection program

The Town is continually looking for new and better ways to serve Danville resident needs. In the past year, the Town took part in a prescription drug recycling program which allowed residents to drop off sealed packages of old or unused prescriptions at the Town Offices at 510 La Gonda Way.

In a similar vein, the Town has now begun participating in a program through the Central Contra Costa Solid Waste Authority (CCCSWA) for the disposal of used or contaminated Sharps Medical Waste. Discarded needles and other such items can pose a serious health risk if not handled correctly.

Sharps Waste must be in an authorized container for the safety of waste handlers. There are six locations around the San Ramon Valley where these items can be dropped off. For Danville residents, the closest locations are the Alamo Sheriff's Substation, 150 Alamo Plaza, Suite C or the San Ramon Valley Fire Protection District Offices, 1500 Bollinger Canyon Road.

For more information on drop-off locations or about proper Sharps containment, contact the CCCSWA at 906-1801 or www.wastediversion.org.

San Ramon Valley Unified School District solar projects

A new project being undertaken by the San Ramon Valley Unified School District will bring solar panels to several schools in the area. Danville schools affected by this project include Diablo Vista Middle School, Monte Vista High School, and San Ramon Valley High School.

Work began in early June with completion expected prior to the beginning of the 2011/12 school year. While the work is underway, the parking lots at these schools will have full or partial closures which could affect availability of parking for school visitors. For more information about the solar projects, contact the San Ramon Valley Unified School District Facilities Department at 552-2960.

Danville hosts FREE Electronics & Textile Recycling Event

Saturday, August 6 & Sunday, August 7
9:00 a.m. – 3:00 p.m.

Danville Park and Ride
NW corner of Sycamore Valley Road & Camino Ramon

ELECTRONIC ITEMS ACCEPTED

Televisions	Monitors
Computers	Computer Components
Fax Machines	Printers
Copiers	Ink & Toner Cartridges
MP3 Players	VCR's & DVD's
Cell Phones	Telephone Equipment

Pay to Recycle Large ($40) and Small ($20) Appliances
Microwaves ($5)
Mattresses ($30/Twin, $40/Full or Queen, $50/King)
Styrofoam ($5/bag)

Please bring exact change. Cash only – Thank you!

CLOTHING ITEMS ACCEPTED

Cotton, Mixed and Leather Clothing, Shoes, Purses/Bags, Drapes, Table Cloths, Towels, Bedding, Linens, Jackets, Coats and Suits. Nothing made of textile will be turned down.

Please keep these items away from our roadsides and landfills.

Drop off is free for all California residents and businesses.

Universal Waste Management, Inc.
Universal Waste Management, Inc. is a state-approved collector/recycler of electronic waste materials. For more information, call (888) 832-9839 or www.unwaste.com

What does it mean ... to be *GREEN?*

Environmental values are actively practiced at the Danville Town Offices on La Gonda Way. Recently certified as a Green Business, the Town believes that a successful business is dependent on a healthy environment, exemplified by conserving energy, water, materials and other resources. Local Danville businesses can become a part of this movement by:

- Buying recycled office products
- Copying on both sides
- Cleaning with less toxic products
- Encouraging biking, walking, transit, and hybrid vehicle purchases
- Utilizing efficient lighting systems
- Recycling paper and ink cartridges
- Conserving water with low-flow toilets and faucet aerators
- Committing to the reduction of solid waste by implementing a recycling program

To find out more about the Green Business Certification program, contact Cleanwater Program Coordinator Chris McCann at 314-3342 or cmcann@danville.ca.gov. More information on Danville Sustainable Business can be found at: http://sustainabledanville.wordpress.com.

Osage Station Park North Parking Lot Pavement Repair and Expansion Project

In June, construction began on the north parking lot at Osage Station Park. Work being done includes pavement rehabilitation, upgrades to landscaping, and reconfiguration of the parking layout to add 33 new spaces to the 99 that currently exist.

The work will be carried out in phases so parking will remain available to park users during construction. Park visitors will find additional parking at the south Osage parking lot, located on Orange Blossom Way near El Capitan Drive. Work is scheduled for completion in October 2011.

For more information, contact Assistant Civil Engineer Ron Allen at 314-3346 or rallen@danville.ca.gov.

FOR IMMEDIATE RELEASE

Contact: Jan Rice
Tel: 888.832.9839
Cell: 415.710.3469
Email: jan@unwaste.com

WHO: **Town of Danville & Universal Waste Management, Inc.**

WHAT: ***FREE* Eco Friendly Recycling Event**

WHERE: **Danville Park & Ride: Sycamore Valley Road @ Camino Ramon, CA 94925**

WHEN: **Saturday, March 5th & Sunday, March 6th, 2011 (9am-3pm)**

PHONE: **888-832-9839**

WEBSITE: **http://www.unwaste.com**

The Town of Danville's UnWaste events bring in over 258,039 lbs of waste materials.

In 2007 the Town of Danville began their partnership with Universal Waste Management, Inc. to offer a free and easy recycling alternative to it's residents for E-waste (household and office electronics). This partnership has grown over the years to include multitudes of other waste streams and with the past 9 events alone has been successful in collecting & diverting from land-fill **258,039** lbs of waste materials, which have now been recycled, using the most Eco-friendly methods available.

In 2011 they are hoping to continue making great strides towards improving their community events and continually adding new waste streams. The first 2011 event is just around the corner and all California residents are invited to participate in the Eco-friendly UnWaste recycling event.

This event is scheduled to run from 9am-3pm on Saturday and Sunday, March 5th & 6th. At the Danville Park & Ride located at the corner of Sycamore Valley Road and Camino Ramon in Danville.

In order to continue the Town of Danville and UnWaste's commitment to removing unnecessary waste from regional landfills, preserving our natural resources and bringing California closer to our ZERO WASTE initiative, the state approved collector/recycler will be recycling not only Televisions, Computer Monitors, Computers, Household and office Electronics but Small Household appliances, Clothing, Linens, Textiles, Shoes, Accessories, Books and much, much more. Batteries and fluorescent light bulbs will not be acceptable; but Large Household Appliance, Mattresses, Box Springs and Styrofoam will be acceptable for a fee. All other items will be are 100% free of charge.

In effort to continually find ways to give back to the community, UnWaste will be having a food drive at this event to help support Bay Area Food Banks and will be accepting Wine bottle cork to help preserve our natural resources.

It is fast, easy, free and the right thing to do. So come on out, help us protect California's fragile Eco System & support your community. We hope to see you there because together "Yes we Can" make a difference!

For detail's about this event or an event near you log on to www.unwaste.com or call (888) 832-9839.

UNIVERSAL WASTE MANAGEMENT, INC.
721 37th Ave. Oakland, Ca 94601
Office: 888.832.9839 Fax: 415.773.2021
www.unwaste.com

Collecting, recycling and diverting traditionally tough to recycle waste materials in an effort to bring California one-step closer to achieving its Zero Waste Initiative.

Dispensation Report

As the premier innovator in the collection and recycling of hard to recycle items. Universal Waste Management, Inc. is committed to providing the residents and businesses of California with low-cost and convenient public event recycling, commercial hauling and business route services.

All of the materials collected by Universal Waste Management, Inc. are recycled in preparation for refinement in direct compliance with environmental standards approved by the EPA, Cal Recycle, DTSC & the State of California. The Universal Waste Management, Inc. recycling facility, refurbishing department and store is located at 721 37th Ave. Oakland, Ca 94601.

In order to provide our clients and partners with the very best customer service possible, while ensuring environmentally responsible recycling practices, we offer this document for the purposes of illustrating our detailed recycling processes and operations.

Metals: This stream of raw material comes to us in many forms from external computer casings to the screws and bolts holding them together. All metals from the consumer electronics, primarily business machines and computers are dismantled and segregated into material specific containers by our trained technicians under a controlled and managed environment at our warehouse. After the dismantling process is complete, the segregated material is then distributed to metal recyclers within the Bay Area to be smelted and refined into virgin steel, aluminum, iron, tin, etc.

- Metal Refinement Partner: Alco Iron and Metal Company, 1091 Doolittle Drive, San Leandro, California 94577. (510) 562-1107

Plastics: This material type is most often found in the form of Cathode Ray Tube frames as well as computer / consumer electronic chassis such as printers, VCRs, and fax machines. Such consumer plastic streams are dismantled by our

trained technicians and segregated into material specific containers. Plastic recyclers then receive the scrap plastics and either use grinders or shredders to break down the plastic into a manageable form and then apply either a pelleting method or a more elaborate *monomer recycling* process, in which a condensation polymer essentially undergoes the inverse of the polymerization reaction used to manufacture it. This process allows recycler to reverse engineer the biological makeup of the polymer so the plastic can be refined into plastic peanuts, which are small pellets of virgin and recycled plastics, which are then ready to be molded into a new consumer electronic item.

Styrofoam or Expanded Polystyrene Scrap: This material is placed into the hopper of the machine where it is crushed into small chunks and then the pieces drop into an auger/screw where the material is heated and extruded into ingot for collection. The process is safe, clean and does not emit harmful emissions. EPS can be easily added to products such as EPS insulation sheets and other EPS materials for construction applications. Commonly, manufacturers cannot obtain sufficient scrap because of the aforementioned collection issues. When it is not used to make more EPS, foam scrap can be turned into clothes hangers, park benches, flower pots, toys, rulers, stapler bodies, seedling containers, picture frames, and architectural molding from recycled PS

- Refinement partner for plastics and styrofoam: Super Link Plastic, Inc. 888 92 Ave. Oakland, California 94603 (510) 568-1086

Paper, Cardboard and Styrofoam: These materials mostly come to us in the form of external packaging in which consumer electronics are stored. Paper generally comes to us as documents, handbooks, and manuals. The cardboard and paper is bailed and then sent to a paper recycler where it is boiled into a pulp to be formed into new recycled paper products. The pulping process extracts the long fibers of paper products via a filtering process and then uses those long fibers to create new paper and cardboard.

- Refinement partner for paper and cardboard: California Waste Solutions, Inc. 1819 10th street. Oakland, California 94611. (510) 836-6200

Cathode Ray Tubes (CRT): The primary hazardous material in CRTs is lead. Up to 8 pounds of lead is bound to CRT glass. When a CRT is intact, the lead does not pose a threat. It is only when the CRT glass is broken and the phosphorus dust is released, that there is a potential for environmental damage. Each monitor, which enters our warehouse, is hand dismantled in an enclosed environment. The plastic casing, circuit boards and metal are removed by hand and segregated for recycling. Dismantled CRT glass is then sent in bulk to a CRT processing facility. The glass is safely processed in a controlled environment so that the process of separating the unleaded glass on outer face of the CRT from the leaded glass in the rear can be completed. The leaded glass is then crushed into smaller pieces called *cullet*. Any dust created during the crushing process is aggregated and sent through further recycling processes to remove the lead

contaminate from the air. Cleaned, separated, leaded glass is then sent to CRT manufacturers to make new televisions and computer monitors.

- Refinement partner for Cathode Ray Tubes: ECS Refining
  705 Reed St. Santa Clara, CA 95050 (408) 200-7064

Tire recycling These materials come to us through our municipal partnered public recycling events. Tires are among the largest and most problematic sources of waste, due to the large volume produced and their durability. Approximately one tire is discarded per person per year. The U.S. Environmental Protection Agency reports 290 million scrap tires were generated in 2003. Of that 290 million, only 45 million of these scrap tires were used to make automotive and truck tire re-treads. The same characteristics which make waste tires such a problem also make them one of the most re-usable waste materials, as the rubber is very resilient and can be reused in other products.

Initially, whole tires are shred into strips using rugged machines. The shredded material is then placed in grinding machines that use rotors to further shred the material and remove the steel fibers from the tire. Some processors also use powerful magnets to further draw metal from the rubber**.** Once the bulk of the steel is removed, the strips are placed into granulators. Depending on the consistency desired by the end user of the shredded tires, the rubber can be milled into assorted sizes of granules that are useful in a number of industries.

Growing markets exist for a majority of scrap tires produced every year, being supported by State and Local Government. Tires are also often recycled for use on rubberized asphalt, sidewalks and Mulch/Bark they can also be used for Interior Flooring, Floor Mats and Tiles, Landscaping materials, playground surfaces and the list goes on.

- Recycling partner for tires: Shamrock Tire Recycling
10840 Altamont Pass Rd. Livermore CA 94551 (916) 486-9630.

Mattresses: These items come to us primarily through our public collection events. Mattress waste poses a real problem. According to a 2009 article by Green Living, 20 to 40 million mattresses are disposed of in the USA each year, most ending up in landfill. 20 million mattresses placed end to end would stretch around 22,700 miles, not far off the distance from the Earth to the Moon. A typical mattress is a 23 cubic foot assembly of steel, wood, cotton and polyurethane foam.

During the recycling process, each mattress or box spring is pushed onto a conveyor belt, where specially designed saws cut away soft materials on the top and bottom, separating the polyurethane foam and cotton fiber from the framework. The metal pieces are magnetically removed, and the remaining fiber materials are then shredded and baled.

The used foam can be turned into carpet underlay or insulation. The wooden frames can be chipped and used as fuel; the cotton is used in industrial machinery oil filters and other textile applications. The springs, made from steel, have a high market value as scrap.

- Recycling partner for mattresses: Dr3 Mattress Recycling
9235 San Leandro St. Oakland, CA 94603 (510) 568-5046.

Fluorescent Lighting and Batteries: Fluorescent light bulbs contain mercury. The standard four-foot fluorescent lamp contains approximately 20 milligrams of mercury. While there are no known health hazards from exposure to lamps that are intact, improper disposal of fluorescent lamps can contaminate the environment. The U.S. Environmental Protection Agency (EPA) estimates that over 80 million lamps are produced each year in order to replace the 800 million lamps currently in use. Since 1 gram of mercury is enough to contaminate a 2-acre pond, there is enough mercury in those lamps to contaminate 20 million acres of water (if improperly handled).

- Refinement partner for fluorescent lighting and batteries: AERC Recycling Solutions 30677 Huntwood Ave. Hayward, California 94544 (510) 429-1129

Clothing & Textile: This waste stream comes to us in many different forms. Clothing being the most common, however we also accept bedding, linens, towels, etc. at our collection events and our facility in Oakland. The most important thing to note about this program is that we never ship any of these items to landfill. According to the U.S. EPA, *2,500,000,000* lbs of unwanted clothing and textile is dumped into our country's landfills annually. This staggering number represents 5% of all waste in America. Most of the items can be cleaned and re-worn by people here in America. The other benefit to clothes and textile recycling is the opportunity to help provide the millions of poor in third world countries with usable clothing they may not otherwise be able to afford.

If the textiles are not reused as is, the recycling process mixes old textile with new textile to create new clothing, furniture, mattresses, polishing rags, blankets, archival quality paper and coarse yarn to name just a few items. When we recycle clothing and textiles, we conserve raw materials and natural resources. That means less has to be extracted, refined, transported and processed which lightens the load on our planet. You also conserve the energy that is needed in the manufacturing process. Less energy used means less needs to be generated, resulting in smaller carbon footprints and less greenhouse gases and emissions.

- Recycling partner for textile: Jacobs Clothing, 930 E 61st St.
Los Angeles, CA 90001 (323) 231-3451

Managing Re-Use: Universal Waste Management, Inc. operates an onsite-recycling store at our facility in Oakland. During the different collection processes we offer, whether it be a commercial haul, public event or a scheduled pick up for a route service client, our trained staff will put aside Pentium 3 & 4 processors, flat screen televisions or monitors, cables, games and gaming devices, laptops, modems, and any other item we feel still has useful life. These items will be checked for functionality. If they are found to be in good working condition or can be repaired they will be cleaned refurbished and offered for sale or donated for beneficial re-use.
The UWM store is open Tuesday through Friday from 8am to 4pm and Saturday and Sunday 9am to 3pm.

Hard Drive Destruction: At UWM, Inc. hard drives are removed and destroyed with one of three methods: a drill penetrates the circuit lattice in the hard drive and leaves it obsolete, an electro magnetic charge from a magnet reconditions the hard drive's internal binary code leaving it totally unusable, or it is manually wiped by software.

Program overview

Danville Area Sustainable Business program **(DASB),** launched March, 2011, is the collaborative effort of the Discover Danville Association, the Danville Area Chamber of Commerce, Shop Danville First , Sustainable Danville Area and other motivated local businesses who are committed to ensuring that Danville continues to be distinguished as a healthy, prosperous community.

DASB educates and recognizes local businesses working to adopt sustainable practices that strengthen our economy, community and environment. A local business must adopt a minimum of 25 recommended practices that save energy, water and reduce pollution and waste to be recognized as a Danville Area Sustainable Business. The DASB program checklist is meant to be a 'stepping stone' to help our local businesses certify with the Bay Area Green Business program.

A Danville Area Sustainable business is awarded a DASB window decal to display their status to customers. The business is also provided a digital logo to use for online/print promotion. The business is listed in the Danville Area Sustainable Business Directory. The 30-Day Challenge (March) generated additional promotional recognition with a series of articles published in the column Danville Gets Sustainable in the Danville Patch. There is a $25 administration fee to participate in the program.

Achievements

The Danville Area Sustainable Business Program held two free training classes to help guide local businesses in adopting 'best practices' for sustainable operations.

Students from San Ramon Valley High School's Advanced Environmental Program were trained as sustainability consultants to assist businesses in completing the checklist. Students also visited local shops, distributing program brochures and encouraging businesses to join the program.

The Danville Area Sustainable Business 30-Day Challenge resulted in **twenty five** (25) local businesses adopting more than 25 measures to be recognized as Danville Area Sustainable Businesses during the month of March. Following is a complete list of the March 2011 Sustainable Business Leaders within our community.

THE MARCH 2011 SUSTAINABLE BUSINESS LEADERS

The Athenian School 2100 Mt. Diablo Scenic Blvd, Danville, California, 94506 | 925.837.5375
Christines's A Complete You 374 Hartz Ave, Danville, CA 94526 | 925.838.2123
Cottage Jewel 100 Prospect Avenue, Danville, CA 94526 | 925.837.2664
Danville Chocolates 175 Prospect Avenue, Danville, CA 94526 | 925.314.0001
Design Elements 409 Sycamore Valley Road West, Danville, CA 94626 | 925.837.5839
Design on the Line 925.389.6606
Fabulous Drapes For Less Railroad Ave & West Prospect Avenue, Danville, CA 94526 | 925.813.4554
Gayler Construction 390 Diablo Road, Suite 110 Danville, CA 94526 | 925. 820. 0185
Heritage Bank of Commerce 387 Diablo Road Danville, CA 94526 | 925.314.2851
Hesperian Cleaners 438 Diablo Road Danville, CA 94526 | 925.820.3421
Jules Thin Crust 820 Sycamore Valley Road Danville, CA 94526 |925.743.2790
La Boulange Bakery 405 Railroad Avenue Danville, CA 94526 | 925.838.1200
Lani Studio LLC 925.362.9062
Norm's Place 356 Hartz Avenue Danville, CA 94526 | 925.552.6676
Olive Boutique 730 Camino Ramon, Suite 130, Danville, CA 94526 | 925.362.0767
One Earth Health Foods 439 Railroad Avenue, Danville, CA 94526 | 925.820.2586
People & Properties Sotheby's International Realty 925.838.9700
Presence Gift Shop 422 Hartz Avenue Danville, CA 94526 | 925.838.9204
Rakestraw Books 522 Hartz Avenue Danville, CA 94526 | 925.837.7337
San Ramon Veterinary Hospital 2480 San Ramon Valley Boulevard San Ramon, CA 94583 | 925.837.0526
Town of Danville 510 La Gonda Way Danville, CA 94526 | 925.314.3300
Twenty One Tango 391 Hartz Avenue Danville CA 94526 | 925.837.2721
Valley Parent Co-operative Preschool 935 Camino Ramon Danville CA 94526 | 925.837.5401
William W. White Insurance 379 Diablo Road Danville CA 94526 | 925.820.7500
Yard Art 411 Hartz Avenue Suite R Danville, CA 94526 | 925.234.3153

To celebrate the efforts of our twenty five business leaders (including Town of Danville), we have worked with Discover Danville Association to coordinate Spring Fling events throughout the month of April. Danville Area Sustainable businesses will offer eco-friendly activities every Thursday and Saturday at locations all over town.

Activities include bike-to-lunch specials, solar cooking demos, decorating with eco-friendly items, tips on green building (check out the Green Dog House from Gayler Construction at Rakestraw Books),

composting and the wonderful world of worms, edible gardening, eco-fashions, recycled art projects, music and much more.

Going Forward

The associated organizations will continue to encourage local businesses to join the Danville Area Sustainable Business program. We hope the collective effort will inspire our business community and residents to work together to adopt sustainable practices to ensure that Danville continues to be distinguished as a healthy, prosperous community.

We will work to create visibility for the Danville Area Sustainable Business Directory to attract green-conscious visitors to our community. Offline, we are working to create additional event opportunities for the Danville Area Sustainable Business community.

We are planning an 'Eco-Alley' during the July & August Discover Danville Thursday evening events. 'Eco-Alley' will provide a concentrated area for customers to explore our local businesses eco-friendly side. Complimentary eco-friendly demonstrations will entice consumers to the area and provide eco-educational information for the whole family. Details are evolving.

SAN RAMON VALLEY HIGH SCHOOL

501 DANVILLE BLVD. • DANVILLE CA • 94526 • 925-552-5580 • FAX 925-838-7802

Ms. Chris McCann
Town of Danville
510 La Gonda Way
Danville, CA 94526-1742

RE: Trash Cleanup Data

Dear Ms. McCann,

As you know, on October 23, 2010, several San Ramon Valley High School clubs conducted a campus and adjacent area trash cleanup. We collected 19 bags (33 gallon) of litter during the cleanup. During the event we audited the materials collected, as you requested. Attached are the "Trash Hot Spot Cleanup Data Collection Forms" with the information summarized from the audit. We divided the areas involved in the cleanup as follows:

1. East Side of Danville Blvd. along creek
2. Love Lane
3. SRVHS – Senior parking lot
4. SRVHS – Main Campus including the field areas.

A form was completed for each area noted. We were not able to complete the State ID#, the Lat and Long, jurisdiction, watershed or water body information. Hopefully, you have access to that information.

Our next step will be to initiate a "Keep our Campus Clean" campaign. We have brainstormed various activities that we hope will reduce the amount of trash that accumulates on our campus grounds and are now in the process of finalizing our action plan for the campaign. Our goal is to submit the plan to the Town of Danville by mid January at which time we will launch the campaign. In the spring, we will conduct another campus cleanup to evaluate the success of our campaign.

We appreciate your assistance and interest in our campus and our efforts to improve our litter problem. If you have any questions about the results of the cleanup or the plan that is currently under design, please contact me at clegan@srvhs.org

Sincerely yours,

Cindy Egan
Teacher
AP Environmental Science & Introduction to Engineering

Trash Hot Spot Cleanup Data Collection Form

Name of Recorder: Cynthia Egan
Cleanup Date: 10/23/18

East side of Danville Blvd along creek

Site ID#
Lat: Long: Watershed:
Ownership: City Right-of-Way Jurisdiction(s): Waterbody:
Contra Costa County Flood Control

1. Describe trash type (Provide % of total trash by volume):
*List of potential trash items on back

Item:	Percentage:	Item:	Percentage:
Plastic bags	5%	Construction debris*	
Convenience/Fast Food items*	75%	Toxic substances*	0%
Bottles (plastic or glass)	1%	Large items*	0%
Aluminum cans	1%	Miscellaneous items*	
Styrofoam (pieces or pellets)		Fabric and cloth*	
Other plastic products*	7%	Yard waste (incl. trees)	0%
Paper and cardboard*	10%	Leaf litter piles	0%
Cigarette butts	1%	Glass pieces	0%
Spray paint cans	0%	Golf or tennis balls	0%
Metal products*	0%	Other*	
Biohazards*	0%	Other*	

2. Potential trash pathways/sources (Check all that apply):

- [x] Trash accumulation
- [x] Litter
- [ ] Illegal dumping
- [ ] Homeless encampments
- [ ] Outfall
- [ ] Multiple
- [ ] Other
- [ ] Unknown

3. Identify adjacent land uses to trash area (Check all that apply):

- [ ] Residential (Single-family)
- [ ] Residential (High-density)
- [ ] Commercial
- [ ] Industrial
- [x] Public/Institutional
- [ ] Mixed-use
- [ ] Other Developed

Volume of Trash Removed During Cleanup:

Size of trash bag (in gallons): 33 OR Cubic Yards: _____

Total # of bags: ~~8~~ 7

Photo#	Before Cleanup Photograph ID	Photo#	After Cleanup Photograph ID

Notes: Danville Blvd on creek side from flower shop to town houses

(2) **Attachment B**

Trash Hot Spot Cleanup Data Collection Form

Name of Recorder: Cynthia Egan
Cleanup Date: 10/23/10

Love Lane

Site ID#
Lat: Long: Watershed:
Ownership: Town of Danville Jurisdiction(s): Waterbody:

1. Describe trash type (Provide % of total trash by volume):
*List of potential trash items on back

Item:	Percentage:	Item:	Percentage:
Plastic bags	1%	Construction debris*	0%
Convenience/Fast Food items*	50%	Toxic substances*	0%
Bottles (plastic or glass)	0%	Large items*	0%
Aluminum cans	0%	Miscellaneous items*	0%
Styrofoam (pieces or pellets)	0%	Fabric and cloth*	0%
Other plastic products*	20%	Yard waste (incl. trees)	0%
Paper and cardboard*	30%	Leaf litter piles	0%
Cigarette butts	1%	Glass pieces	0%
Spray paint cans	0%	Golf or tennis balls	0%
Metal products*	0%	Other*	0%
Biohazards*	0%	Other*	0%

2. Potential trash pathways/sources (Check all that apply):

- [x] Trash accumulation
- [x] Litter
- [ ] Illegal dumping
- [ ] Homeless encampments
- [ ] Outfall
- [ ] Multiple
- [ ] Other
- [ ] Unknown

3. Identify adjacent land uses to trash area (Check all that apply):

- [ ] Residential (Single-family)
- [ ] Residential (High-density)
- [ ] Commercial
- [ ] Industrial
- [x] Public/Institutional
- [ ] Mixed-use
- [ ] Other Developed

Volume of Trash Removed During Cleanup:

Size of trash bag (in gallons): 33 OR Cubic Yards: _____

Total # of bags: 1

Photo#	Before Cleanup Photograph ID	Photo#	After Cleanup Photograph ID

Notes:

(3) **Attachment B**

Trash Hot Spot Cleanup Data Collection Form

Name of Recorder: Cynthia Egan
Cleanup Date: 10/23/10

SRVHS - Senior Lot

Site ID#
Lat: Long: Watershed:
Ownership: San Ramon Valley USD Jurisdiction(s): Waterbody:

1. Describe trash type (Provide % of total trash by volume):
*List of potential trash items on back

Item:	Percentage:	Item:	Percentage:
Plastic bags	1%	Construction debris*	0%
Convenience/Fast Food items*	63%	Toxic substances*	0%
Bottles (plastic or glass)	1%	Large items*	0%
Aluminum cans	1%	Miscellaneous items*	0%
Styrofoam (pieces or pellets)	0%	Fabric and cloth*	0%
Other plastic products*	20%	Yard waste (incl. trees)	0%
Paper and cardboard*	~~15~~ 14%	Leaf litter piles	0%
Cigarette butts	0%	Glass pieces	0%
Spray paint cans	0%	Golf or tennis balls	0%
Metal products*	0%	Other*	0%
Biohazards*	0%	Other*	0%

2. Potential trash pathways/sources (Check all that apply):

- [x] Trash accumulation
- [x] Litter
- [ ] Illegal dumping
- [ ] Homeless encampments
- [ ] Outfall
- [ ] Multiple
- [ ] Other
- [ ] Unknown

3. Identify adjacent land uses to trash area (Check all that apply):

- [ ] Residential (Single-family)
- [ ] Residential (High-density)
- [ ] Commercial
- [ ] Industrial
- [x] Public/Institutional
- [ ] Mixed-use
- [ ] Other Developed

Volume of Trash Removed During Cleanup:

Size of trash bag (in gallons): 33 OR Cubic Yards: _____

Total # of bags: 3

Photo#	Before Cleanup Photograph ID	Photo#	After Cleanup Photograph ID

Notes:

Trash Hot Spot Cleanup Data Collection Form

Name of Recorder: Cynthia Egan
Cleanup Date: 10/23/10

SRVHS- Campus

Site ID#
Lat: Long: Watershed:
Ownership: San Ramon Valley USD Jurisdiction(s): Waterbody:

1. Describe trash type (Provide % of total trash by volume):
*List of potential trash items on back

Item:	Percentage:	Item:	Percentage:
Plastic bags	1%	Construction debris*	0%
Convenience/Fast Food items*	64%	Toxic substances*	0%
Bottles (plastic or glass)	2%	Large items*	0%
Aluminum cans	1%	Miscellaneous items*	0%
Styrofoam (pieces or pellets)	2%	Fabric and cloth*	0%
Other plastic products*	23%	Yard waste (incl. trees)	0%
Paper and cardboard*	7%	Leaf litter piles	0%
Cigarette butts	0%	Glass pieces	0%
Spray paint cans	0%	Golf or tennis balls	0%
Metal products*	0%	Other*	0%
Biohazards*	0%	Other*	0%

2. Potential trash pathways/sources (Check all that apply):

- [x] Trash accumulation
- [x] Litter
- [ ] Illegal dumping
- [ ] Homeless encampments
- [ ] Outfall
- [ ] Multiple
- [ ] Other
- [ ] Unknown

3. Identify adjacent land uses to trash area (Check all that apply):

- [ ] Residential (Single-family)
- [ ] Residential (High-density)
- [ ] Commercial
- [ ] Industrial
- [x] Public/Institutional
- [ ] Mixed-use
- [ ] Other Developed

Volume of Trash Removed During Cleanup:

Size of trash bag (in gallons): 33 OR Cubic Yards: _____

Total # of bags: 8

Photo#	Before Cleanup Photograph ID	Photo#	After Cleanup Photograph ID

Notes:

KIDS for the BAY
Watershed Action Program Site Visit

May 10, 2011
10:30 a.m. to 11:30 a.m.
Sycamore Creek
Creek Field Trip, Sycamore Valley Elementary School

Please meet along Sycamore Creek at the rear of Sunshine Circle, off of Camino Tassajara. There is an unpaved pathway along the creek. Class groups will be nearby.

Agency Representative
Christine McCann
Sr. Planner/Clean Water Program Coordinator
Office Phone: (925) 314-3342
Cell Phone:

KIDS for the BAY Site Visit Liaison
Jonah Landor-Yamagata
Program Director
Office Phone: (510) 985-1602
Cell Phone: (510) 323-3880

KIDS for the BAY Instructors
Jonah Landor-Yamagata
Jose Luis Martinez

Classroom Teachers
Terry Tringali and Natalie Turpen, 4th Grade

Goals: Students apply what they have learned in the classroom lessons to their field trip studies in a natural habitat. Students learn about the habitats and organisms of their local creek using scientific equipment and field guides, and test water quality. Students also gain an appreciation for and learn how to respect their local environment.

Creek Field Trip Activities:

1. Students "meet the creek" and conduct a creek health survey.
2. Students work in groups to conduct water quality tests of the creek, measuring dissolved oxygen, pH, turbidity, and temperature.
3. Students identify native creek-side trees and shrubs and create leaf rubbings.
4. Students use binoculars and field guides to observe and identify local birds.
5. If time allows, students create artistic drawings of the creek habitat using oil pastels.
6. Students share highlights of their field trip and what they have learned from the experience.

KIDS for the BAY
Environmental education through action

A Project of **Earth Island Institute**
1771 Alcatraz Avenue, Berkeley, CA 94703
Tel: (510) 985-1602 ◆ Fax: (510) 547-4259
info@kidsforthebay.org ◆ www.kidsforthebay.org
Mandi Billinge, Executive Director/Founder

July 15, 2011

Chris McCann
Stormwater Pollution Control Manager
Town of Danville
510 La Gonda Way
Danville, CA 94526

Dear Chris,

Please find enclosed a final report for KIDS for the BAY's Watershed Action Program in the Town of Danville. I have also enclosed:

- Photographs of our students in action
- Student work samples
- Teacher evaluations of the program; and
- KIDS for the BAY's Spring 2011 Newsletter

The Watershed Action Program was successfully completed this school year. Both classes at Sycamore Valley Elementary School experienced engaging classroom lessons, hands-on field trips and empowering action projects. The final report highlights how the Watershed Action Program has inspired the participating teachers, students and their families, and positively impacted the surrounding school environment.

Additionally, we are pleased to report that all schools we have worked with in the Town of Danville continue to make the Watershed Action Program an important part of their curriculum. For example, Tara Hegarty and Christy Glaser, fourth grade teachers at Greenbrook Elementary School received the program during the 2005-06 and 2006-07 school years. Ms. Hegarty explained, "Both Christy Glaser and I have continued to teach it every year since. In fact, we taught it to five fellow teachers at our school. It is a wonderful program that the kids adore and learn from!" We applaud these teachers for continuing to inspire the next generation of environmental stewards!

If you have any questions about the enclosed report or any of the deliverables, please feel free to contact me. Thank you for your support of our work, and your commitment to environmental education. We look forward to continuing our relationship with the Town of Danville and delivering the Watershed Action Program in the 2011-12 school year.

Sincerely,

Mandi J. Billinge

Mandi Billinge
Executive Director

KIDS for the BAY

Watershed Action Program
Town of Danville
Final Report – July 2011

KIDS for the BAY (KftB) successfully provided the Watershed Action Program to seventeen third, fourth, and fifth grade classes throughout Contra Costa County in the 2010-11 school year reaching 496 students and seventeen teachers. The program is now complete and we are pleased to report that teachers, students and families learned about their local watershed and were inspired to take action to improve the health of their watershed in their local communities.

In the Town of Danville, two teachers and fifty-six students participated in the Watershed Action Program (WAP) this school year. Ms. Natalie Turpen and Ms. Terry Tringali's fourth grade classes at Sycamore Valley Elementary School completed five classroom lessons, service learning action projects and a field trip to nearby Sycamore Creek.

In this report you will find highlights from the final classroom lessons, action projects and field trips through written descriptions, quotes from teacher, student and family participants, photographs, samples of student work and teacher evaluations. This report also gives highlights from the Watershed Action Follow-Up Program for teachers who completed their second year of the program, and an overview of the Academic Credit Program. Please refer to the March 2011 Interim Report for details on the classroom lessons completed earlier this year.

Classroom Lesson Highlights

Highlights from Lessons One through Lesson Four were submitted in the March 2011 Interim Report.

Lesson Five

During the fifth classroom lesson students enthusiastically shared their new knowledge about keeping their environment healthy. During the Assessing Watershed Health activity, each student drew a picture of a healthy environment and an unhealthy environment which would be placed on two class collages representing the two environments. Students diligently worked on each of their drawings, depicting items they would find in each environment. Their illustrations of healthy environments included healthy animals and plants, clean water and clean air. Their illustrations of unhealthy environments included polluting factories, polluted water and air, and animals being harmed by garbage. "In my 'unhealthy' drawing the stream is all polluted," explained a student, Sydney.

After completing their environmental health collages, students researched Environmental Justice Leaders and learned how these leaders took action to help protect the health of their communities. Student groups collaborated to give presentations about their leaders to the class, often reciting the information from memory!

Overall Program Impacts

The WAP impacted students, teachers and the greater Sycamore Valley Elementary community through changes in behavior and increased awareness about the importance of keeping the watershed healthy and clean. Students and teachers both explained how the program influenced them. In a thank-you letter to KftB Instructor Jonah Landor-Yamagata, Elyse, a student in Ms. Tringali's class wrote, "You helped us all be aware of what is happening to our Earth. Everyone in our class does everything we can to keep the Earth clean." Another student, Brook, wrote, "Just a single person can help thousands of Bay animals." Classroom teacher Ms. Turpen wrote, "The WAP widened my own awareness on the local watershed and helped me learn some unique activities to engage the kids on the topic." Ms. Tringali explained, "The students learned about their local watershed and the education impacted not only them (the students) but also their families."

Action Project Highlights

Action projects are an integral component of the Watershed Action Program and allow students to use the knowledge they gained during the classroom lessons to take action and educate others about how to protect their local watershed. KftB Instructors work with teachers and students to choose and implement action projects, which helps to ensure that students take ownership of their work and that projects are appropriate for the school's location and the community's needs.

Environmentally-Friendly Pesticides

All fourth grade classes at Sycamore Valley Elementary School worked with their school science teacher, Ms. Kim Lawrence, to make environmentally-friendly natural pesticides to use in the school garden and at home. They will be used by the school and by families as safer and low-cost alternatives to more toxic pesticides to control garden pest outbreaks. The teachers decided to make a simple soap spray which is an effective deterrent for a wide range of invertebrate garden pests. During the third classroom lesson students learned that toxic pesticides can travel into local waterways and cause harm to living organisms, including people, so they were very excited to learn there were less-toxic alternatives. A student, Abby, wrote, "The pesticide experiment encouraged my class to make pesticides that won't harm the environment."

The students made the natural pesticides, created labels, and bottled them in spray bottles to sell to school families during a school-wide open house in May. During the event each fourth grade class sold the homemade natural pesticides and each class made about sixty dollars. During open house the fourth graders educated the Sycamore Valley Elementary community about the benefits of environmentally-friendly pesticides. Students enjoyed the entire process of the action project. One student, Emma, wrote, "I enjoyed when we got to make the pesticides because we did the whole thing ourselves and we made something good for the environment." It was especially exciting to have all fourth grade classes and the school science teacher involved. "I really thought it was wonderful to allow our science teacher the opportunity to become involved!" commented Ms. Turpen.

Field Trip Highlights

Field trips are an important culminating component of the Watershed Action Program. After students learn about their local watershed during the classroom lessons, they visit a creek, bay or delta habitat in the school's community. Through hands-on investigative activities students learn about local ecological processes, geography, and resident organisms. 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.

Sycamore Creek

Ms. Tringali and Ms. Turpen's classes completed a field trip to Sycamore Creek in May. The trip was especially interesting because the site is located only blocks away from the school. Even though the creek is in many of the students' neighborhood, few of them knew what a rich wildlife habitat it is prior to the trip. During the excursion, KftB Instructors Mr. Landor-Yamagata and Mr. Martinez led activities including bird studies with binoculars, riparian plant identification, and water quality testing. "Going to Sycamore Creek was fun because I learned so much about the birds and plants in my neighborhood. I never knew quail lived in my neighborhood," wrote fourth grader, Abby.

Christine McCann, Stormwater Pollution Control Manager from the Town of Danville, visited the classes during the field trip. She observed students test the water quality of Sycamore Creek and spoke with students, teachers and parents about the important work they were doing to protect their watershed. Both teachers appreciated the opportunity to study their local creek and recognized the benefits of the excursion. Ms. Turpen wrote, "The field trip was manageable, educational and fun for all of my students… They loved the bird watching and plant classifications! Real hands-on activities!" Ms. Tringali added, "This was a great experience. We all learned so much."

Ms. Tringali's class enjoyed the field trip so much they decided to lead a field trip for a second grade class. The classes walked down to Sycamore Creek and Ms. Tringali's students taught their younger friends about what they learned previously. Ms. Tringali reflected on the exciting trip, "It was such a great experience. Without any prompting from me, my students were pointing out storm drains and telling the second graders that anything put into it goes right into the creek. They were pointing out the oak galls and explaining what they were, showing them the birds, picking up trash, discussing the uses of the different trees...it was great! They clearly learned what you taught."

Academic Credit Program

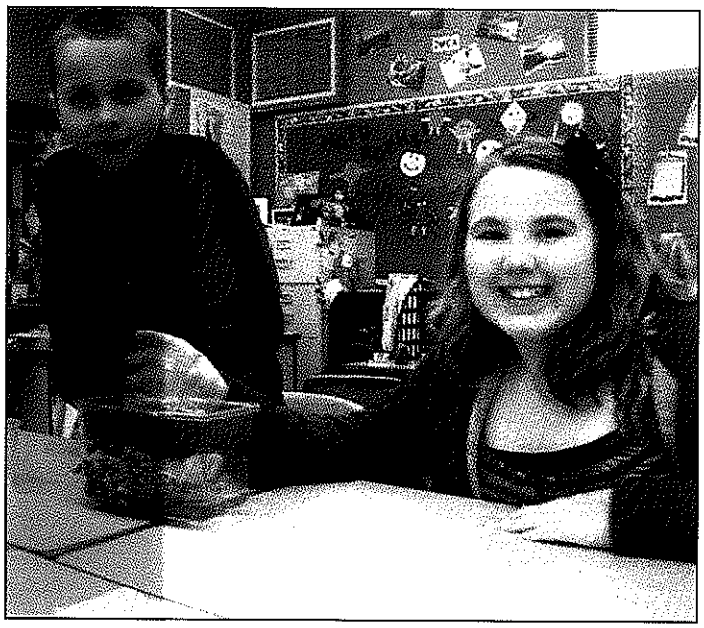
This year four teachers in Contra Costa County are participating in our Academic Credit Program, through a partnership between KIDS for the BAY and California State University East Bay (CSUEB). Participating teachers complete activities and written assignments in order to receive four units of professional level academic credit. Although teachers from Danville are not

participating this school year, it is an important service to continue offering to teachers each year.

Follow-Up Program

Two fourth grade teachers, Cindy Erhart and Kelsey Donovan, at Sycamore Valley Elementary received training on the Watershed Action Program in their classrooms during the 2009-10 school year. This school year Cindy Erhart continued to teach the program during her second year of participation in the program. Ms. Erhart received an equipment kit and support from KftB Instructors and has successfully continued teaching the program to each new class of students. Ms. Erhart completed all five classroom lessons and, as discussed above, her class made and distributed environmentally-friendly pesticides for their action project. Unfortunately, Kelsey Donovan was not able to participate in the Follow-Up Program because she moved to a different school. KftB Instructors will continue to stay in contact with the teachers at Sycamore Valley Elementary to help maintain the presence of the WAP as part of the fourth grade curriculum.

Action Project: Natural Pesticides



During Lesson Three, students conducted an experiment that showed how pesticides can travel to nearby bodies of water (above). This inspired students to make environmentally-friendly pesticides for their action project.

All fourth grade classes at Sycamore Valley Elementary made environmentally-friendly natural pesticides for their action project. They worked with their school science teacher, Kim Lawrence to make a soap spray for use in both school and home gardens. Students designed their own labels, bottled the mixture in spray bottles, then sold their products during open house in May while educating school families about the benefits of natural pesticides.

Field Trip: Sycamore Creek

Ms. Tringali and Ms. Turpen's classes at Sycamore Valley Elementary studied Sycamore Creek for their field trip. Students studied local birds using binoculars and identification guides, identified native plants and made leaf rubbings, conducted a creek survey and completed water quality tests of the creek water to determine creek health. They recorded their notes in scientific field journals.

KIDS for the BAY

Watershed Action Program
Classroom Lessons Evaluation

NAME: Terry Tringali **SCHOOL:** Sycamore

DATE: 3/22/2011 **KftB INSTRUCTOR:** Jonah Yamagata

Classroom Lessons Evaluation

1. **Please describe the impact of the classroom lessons on you and your students.**

The lessons were highly informative and every discussion related to something familiar in our area. Therefore, students could understand how they would be directly affected. Students referred to what they learned almost daily and the knowledge resulted in positive actions.

2. **What were your class' favorite activities from the classroom lessons and why?**

The students loved building the estuary and analyzing the bass and crab, both because they were hands-on and messy. There was a wow factor.

Continued on the following page…

3. **Please suggest any <u>improvements</u> to the Watershed Action Program <u>classroom lesson component</u>.**

I'm not sure I can. I feel there was the perfect balance of hands-on, paper and pencil, group interaction, art, oral presentation, and critical thinking. Every lesson met the needs of the different learning styles of students. Lessons were well-paced and planned.

4. **Do you have any additional comments?**

Thank you! This program was well worth the time investment. Jonah was an excellent teacher — patient, encouraging, passionate, and informed.

Thank you for your commitment to environmental science education!

KIDS for the BAY

Watershed Action Program
Action Project, Field Trip, Overall Evaluation

NAME: Natalie Turpen **SCHOOL:** Sycamore Elementary

DATE: 6-1-11 **KftB INSTRUCTOR:** Jonah Yamagata

Field Trip Site: Sycamore Creek

Action Project(s): Pesticides

Action Project Evaluation

1. **Please describe your action project and the overall experience of implementing it for you and your students.**

·Creation of natural pesticides, dispersal to the school community, education on benifits of their use.

2. **Do you feel that your class' action project was successful? Why or why not?**

Yes. They enjoyed creating, designing and communicating their benifits to the community

3. **Please include any suggestions you might have to improve the action project component of the Watershed Action Program.**

I really thought it was wonderful to allow our science teacher the opportunity to become involved!

Field Trip Evaluation

1. **Please describe the overall experience of the field trip for you and your students.**

Field trip was managable, educational & fun for all of my students.

2. **Describe one or two highlights from the field trip.**

Loved The bird watching and plant Classifications! Real hands on activities!

3. **Please suggest any improvements to the field trip component of the Watershed Action Program.**

Please recommend any teachers that might be interested in any of KIDS for the BAY's programs:

Name	School	Grade Level	Contact Info

Watershed Action Post-Program Survey

Teacher Name Jurjaei School Name Sycamore Date _____

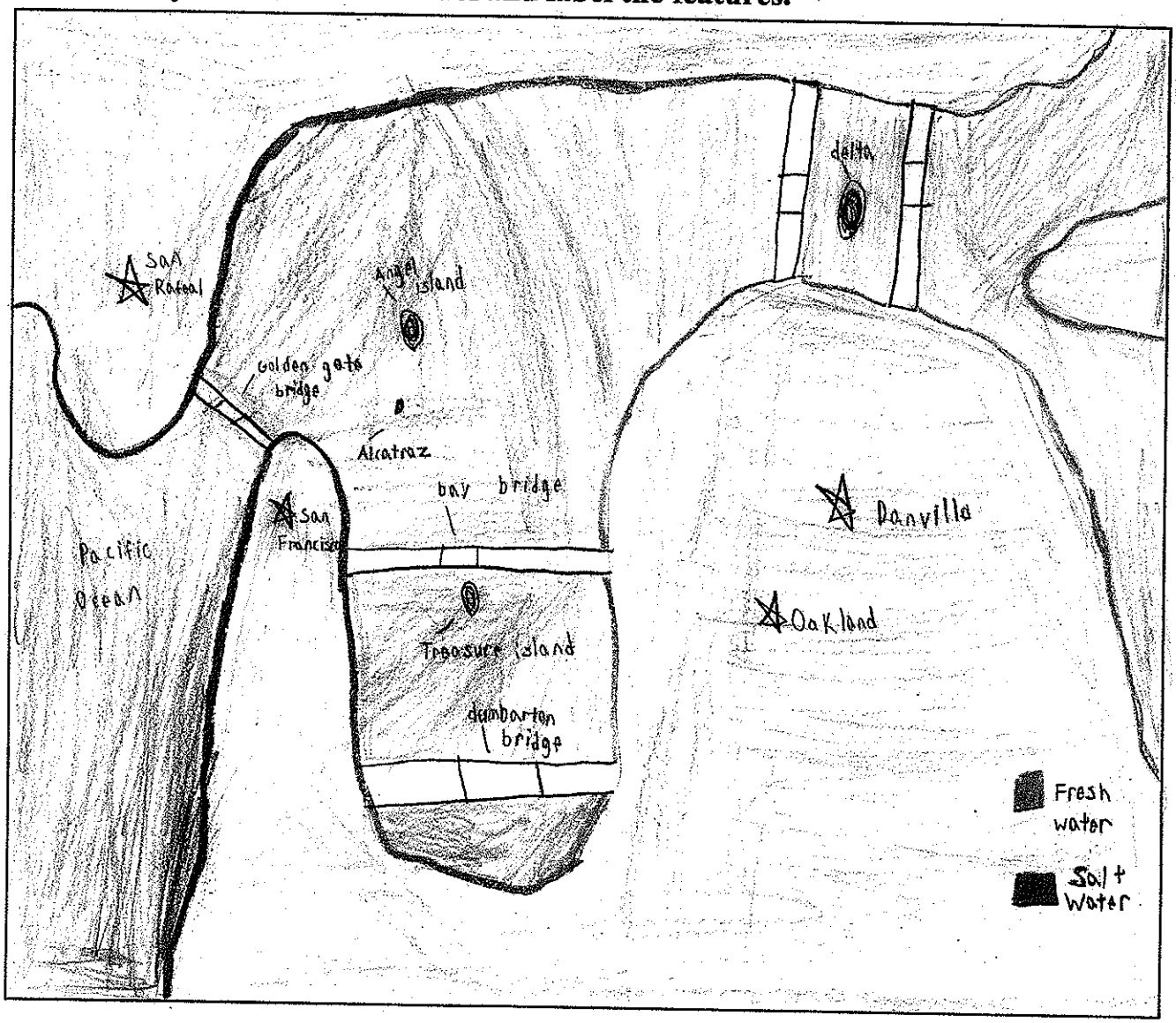
Respond to each statement by checking the response that best reflects your feelings:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I feel confident using the local watershed environment as a learning resource.				✓	
I feel confident teaching environmental science concepts.				✓	
I feel confident leading an outdoor environmental fieldtrip with my class.				✓	
I feel confident facilitating an environmental action project with my class.			✓		
I think environmental stewardship is important for my students.					✓
Participation in the Watershed Action Program has increased my students' concern about their watershed.				✓	
Participation in the Watershed Action Program has increased my students' interest in learning.				✓	
The Watershed Action Program helped me to teach required CA State Content Standards to my students.				✓	
The curriculum guide provided to me is helpful in teaching the Watershed Action Program next year.					✓
The in-class modeling of the lessons and activities increases my confidence in teaching the program myself.					✓
The equipment kit, which will be provided to me next fall, will be helpful in teaching the program next year.					✓
The support from my KftB Program Instructor will be helpful in teaching the Watershed Action Program next year.					✓
I feel prepared to teach the Watershed Action Program to my class next year.				✓	
I would recommend the Watershed Action Program to other classroom teachers.					✓

Name: Sam

KIDS for the BAY

1. Draw your watershed model and label the features.



2. Explain how water flows into the Bay to make it an estuary.

The fresh water from the rivers and the salt water from the ocean both flow into the bay and mix together making an estuary.

Name of student: Olivia Name of family member: Mom

KIDS for the BAY

Watershed Pollution Interview

Introduction: Ask a member of your family to sit down and talk with you about something important you have been learning in school.

Show your family member the picture on the back of this sheet. Explain what the picture shows. Let your family member know that you will be writing down their answers to some questions you are about to ask them.

1. What is a storm drain?

Somthing that water goes down throw the creek and to The Bay

2. Where does water from the storm drain go? Does storm drain water get cleaned?

to the creek and out to the Bay and the water doesn't get cleaned

3. What is the difference between the storm drain system and the sewer system?

The sewer system gets cleaned storm drain does not

4. What types of pollution could get into the storm drain? Please list three.
   a) Plastic Bags
   b) Cans - Bottles
   c) Paper

5. How can you stop these types of pollution getting into the storm drains?
   a) Pick up trash once in a while
   b) doesn't litter
   c) If you see trash pick it up

6. Why is this important?

so the Bay doesn't Become all trash

7. Make a pledge with your family member to prevent pollution from getting into storm drains. Write your pledge below.

We will not Litter and if we see any trash getting into the stormdrain we will pick it up

Parent/Guardian Signature: Ann Hyre

Thank your family member for talking with you.

Pencils & food wrappers

KIDS for the BAY

NEIGHBORHOOD SURVEY

Name Zoe **Date** 4-11-11

How many storm drains can you find in the neighborhood?

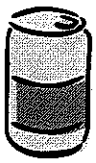
Storm Drains		
	11	2

How many oil spills?

Oil spills		
	0	0

How many pieces of trash?

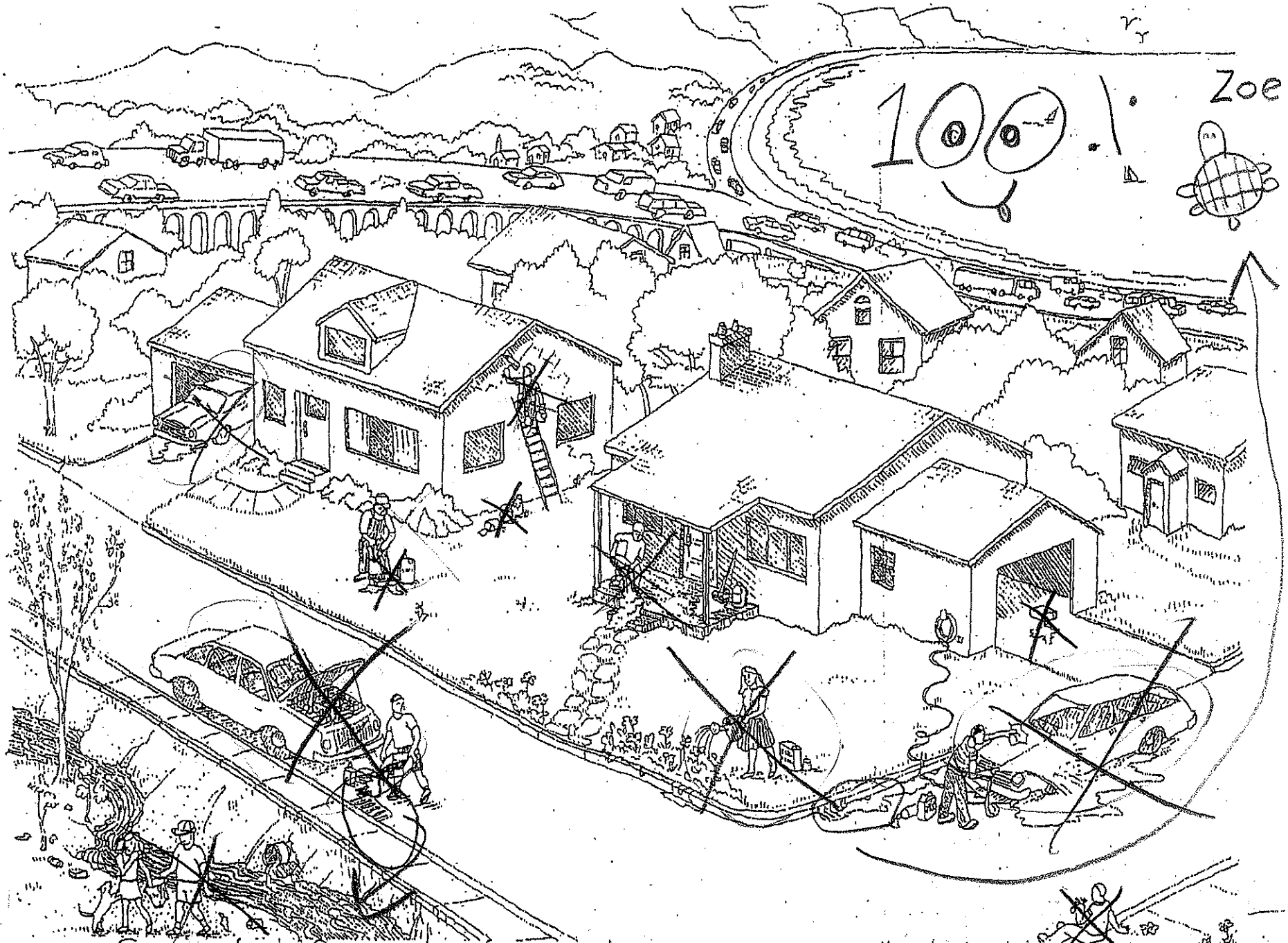
Plastic		
	~~IIII~~ I	6

Aluminum		
	11	2

Paper		
	1	1

Glass		
	0	0

Other types of pollution (for example: cigarettes, food, pencils)		
?	~~IIIIIIIIIIIIIIIIIIII~~ ~~IIIII~~ I	16



Can you find 10 examples of potential non-point source pollution in this drawing?

With a pencil, trace the pollutant's pa ay, into the ground or into a waterway.

On the back of this page, list the examples of non-point ce pollution and the way that pollution could be prevented

NAME: Tyler #1

KIDS for the BAY

BAY ANIMAL INVESTIGATION

1. What is your Bay animal?

My Bay animal is a striped bass

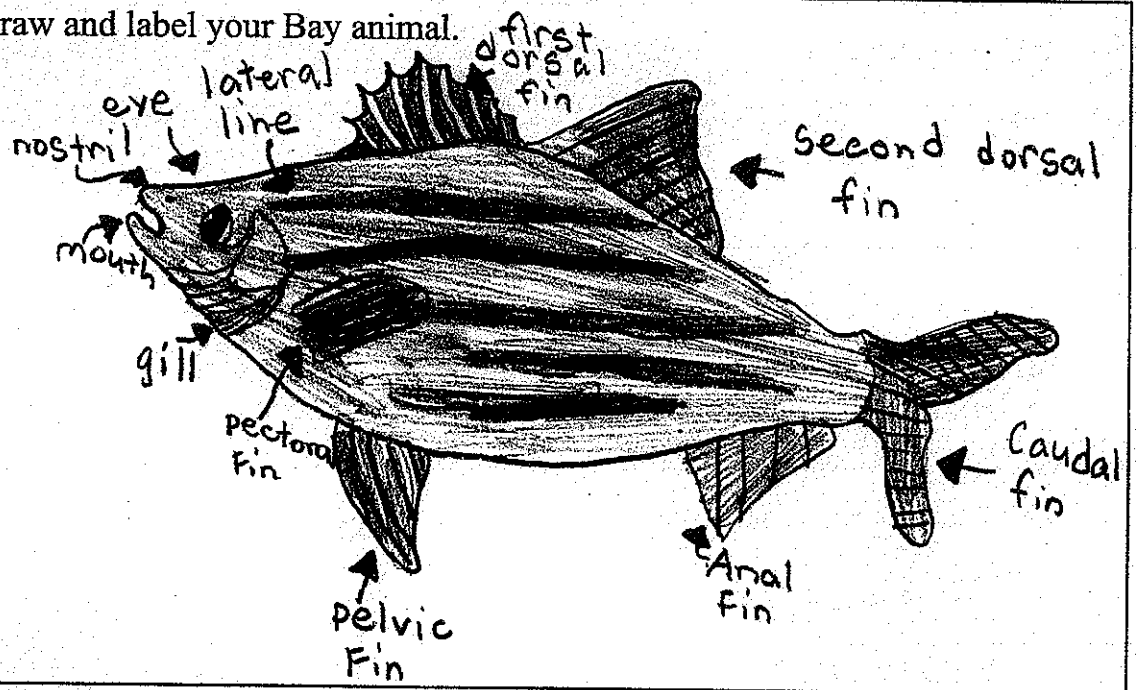
2. Write a food chain including your animal (for example: plankton → clam → gull)

plankton → anchovy → striped bass → Tuna

3. Describe your Bay animal (color, size, texture, smell, how it moves, anything else interesting)

It's color is gray, silver, and white. It feels squishy. It smells fishy. It moves by, flipping it's tail back and forth. It's teeth are really small but bristly and sharp. P.S. I wouldn't want to be that fish or food that is eaten.

4. Draw and label your Bay animal.



NAME: Olivia

KIDS for the BAY

BAY ANIMAL INVESTIGATION

1. What is your Bay animal?

My Bay animal is a crab.

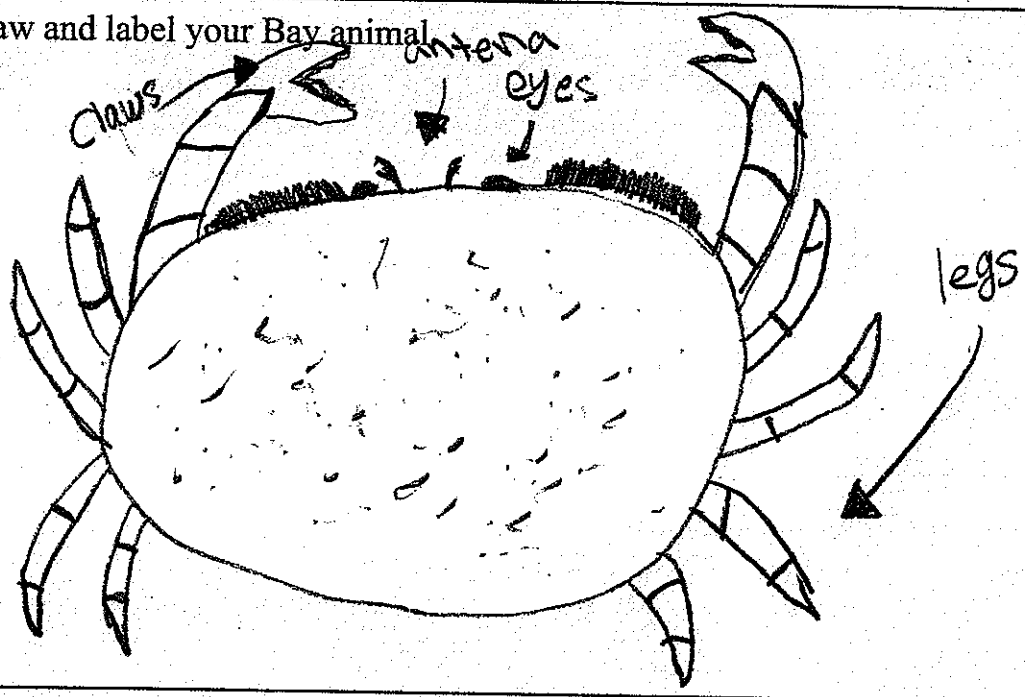
2. Write a food chain including your animal (for example: plankton → clam → gull)

Plankton → Clam → Crab → human

3. Describe your Bay animal (color, size, texture, smell, how it moves, anything else interesting)

The crab was ruff and hard in some places and fury. It had many different parts of its body once you turned it over. It was medium sized and smelt like the ocean and fish.

4. Draw and label your Bay animal

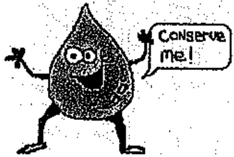


KIDS for the BAY
Water Conservation Log

Name: SAHEJ

INSTRUCTIONS:

1. Choose ONE FULL DAY (from when you wake up to when you go to bed) to complete your water log. Write the date here: MARCH13, 2011
2. I predict that I will use 150 gallons of water in one day.
3. Column A describes daily activities that use water.
4. Record the amount of water you use throughout the day in Column B (number of times, minutes, etc.).
5. After ONE FULL DAY, take the total for each activity in Column B and multiply it by the number in Column C.
6. Follow the directions in Column D to get the total number of gallons used for each activity.
7. Place each total in Column E. This is the number of gallons of water you used for **each activity**.
8. Add up all the numbers in Column E and write it below. This is the **total** gallons of water you used in **one day**.



A Water-using activity	B Record your water usage	C Gallon conversion	D Number of people in your house	E Total gallons of water used for each activity
Flushed the toilet	**Number of times: (use tally marks)** III	**x 4**	**÷ by 1**	12
Minutes used the sink (washing hands, brushing teeth, washing dishes, etc)	**Number of minutes: (use tally marks)** IIIIIIIIIII	**x 3**	**÷ by 1**	33
Minutes you spent in the shower	17 **minutes** 3 17 x5 85	**x 5**	**÷ by 1**	85 gallons
Did you take a bath? Circle YES or [✓ NO]	**YES = 50 [✓ NO = 0] (circle one)**	**x 1**	**÷ by 1**	0
How many leaking faucets do you have?	**Number of leaking faucets** 0	**x 20**	**÷ by ____ (# of people in your house)**	0
How many leaking toilets do you have?	**Number of leaking toilets** 0	**x 60**	**÷ by ____ (# of people in your house)**	0
Did your family do laundry? How many loads?	**Number of loads of laundry____**	**x 55**	**÷ by ____ (# of people in your house)**	0

The total gallons of water I used today: 130 **gallons.**

85

Water Conservation Log

Answer the following questions in complete sentences after you complete your water log:

What did you learn from recording how much water you use in one day?

I learned that we used the most freshwater taking baths or showers and we could save a lot of water by taking shorter showers or baths and that is something we can do because we will still get clean but just shorten the time we spend taking a shower or bath.

Why is it important to save our freshwater?

I think it is important to save our freshwater because once we flush water down a toilet or wash your car and the water goes into the bay it not a sewage treatment and once it goes into the Bay it doesn't come back. all the water we have is already on earth and we have a little bit of freshwater on earth and if we use it all it we won't have enough.

Pledge to save water!

Write five things that you could do to conserve water at home or at school.

1. Take shorter baths or showers.

2. When you are brushing your teeth do not let the water run.

3. When you are washing your hands don't run the water while applying soap.

4. Avoid taking baths, take showers instead because baths use a lot of freshwater and the water goes to waist.

5. Check for leaking fossets or toilets because they can waste a lot of water everyday.

Table Group: _____

KIDS for the BAY

Environmental Justice Leaders

Use this worksheet to take notes on your environmental justice leader. Write in complete sentences to prepare for your presentation.

(1) Who is your environmental justice leader and where does he/she live?

Our environmental leader is La Constance Shahid. She lives in Bayview-Hunters point neighborhood in San Francisco.

(2) What are some of the problems in the community?

toxic waste factory, over 25 toxic sites within 6 miles of her neighborhood.

(3) What is he/she fighting for or against? How is he/she doing it?

She is fighting to make Bayview Hunters Point a better place. She builds plantbeds, she waters, and she trims plants and takes care of them.

She is also trying to make it nicer by improving the air. LEJ = Life Equity to environmental justice

---

Table Group: 1 Mckenna and Abby

KIDS for the BAY

Environmental Justice Leaders

Use this worksheet to take notes on your environmental justice leader. Write in complete sentences to prepare for your presentation.

(1) Who is your environmental justice leader and where does he/she live?

Our environmental justice leader is Julia Bands and she lives in west virginia

(2) What are some of the problems in the community?

People would blast mountains for coal and that destroys animal's and people homes. They also remove dirt and trees which make areas flood because of no land to absorb water.

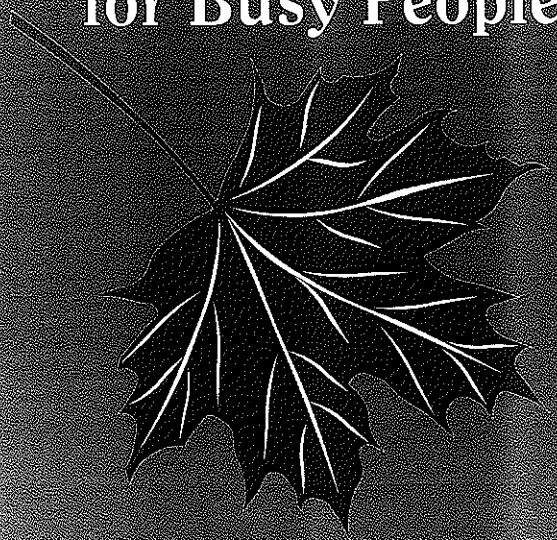
(3) What is he/she fighting for or against? How is he/she doing it?

She made an organization called Coal River Mtn. Watch

She protests against coal mining and consults with the government to persuade him to make stricter laws to protect the environment. she is a good person because she is trying her hardest to protect wildlife and her local environment.

2011 Workshops

Home Composting for Busy People



Learn how to compost at home and go a step beyond recycling to reduce your garbage significantly in less than 15 minutes per week!

Why compost?

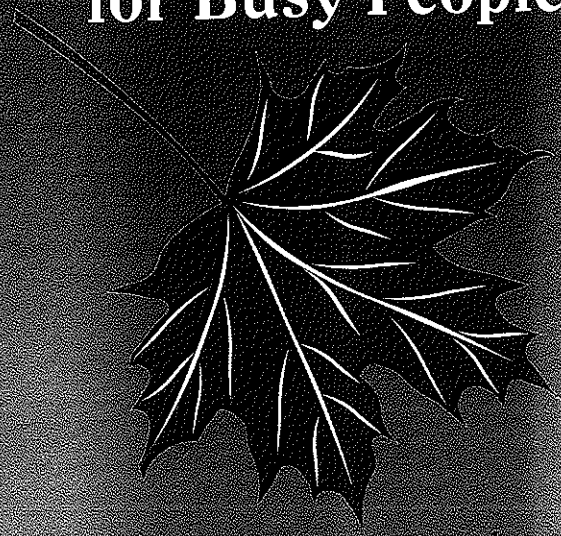
Here are three important reasons:

1. Composting helps you recycle your yard waste and kitchen food scraps.
2. Composting helps your City/Town reach state-mandated waste reduction goals.
3. Finished compost improves the earth's soil and adds valuable nutrients to keep plants healthy.

Home composting is for everyone. It takes little time, space and effort, yet is so rewarding. Reduce your garbage, save valuable landfill space, and have some fun!

2010 Workshops

Home Composting for Busy People



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Home composting is for everyone. It takes little time, space and effort, yet is so rewarding. Reduce your garbage, save valuable landfill space, and have some fun!

Home Composting Workshops
January - July 2011

Date	Time	Workshop	Location
1/12/11	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
2/26/11	1-2:30 pm	Compost/Vermicompost	Orchard Nursery, Lafayette
3/10/11	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
3/20/11	3-4:30 pm	Compost/Vermicompost	Lindsay Wildlife Museum, W.C.
4/02/11	1-2:30 pm	Compost/Vermicompost	Moraga Hardware, Moraga
4/16/11	9:30-11 am	Compost/Vermicompost	Hap Magee Ranch Park, Danville
4/28/11	10-11:30 am	Compost/Vermicompost	Contra Costa Times Garden, W.C.
5/07/11	12:30-2 pm	Compost/Vermicompost	Mt. Diablo Nursery, Lafayette
5/15/11	2-3:30 pm	Compost/Vermicompost	Navlet's Garden Center, Danville
5/21/11	1-2:30 pm	Compost/Vermicompost	Crow Canyon Gardens, S.R.
6/04/11	10-11:30 am	Compost/Vermicompost	McDonnell Nursery, Orinda
6/18/11	1-2:30 pm	Compost/Vermicompost	Lindsay Wildlife Museum, W.C.
6/25/11	10-11:30 am	Compost/Vermicompost	Sloat Garden Center, Danville
7/09/11	9:30-11 am	Compost/Vermicompost	Crow Canyon Gardens, S.R.
7/27/11	10-11:30 am	Our Garden Composting	Contra Costa Times Garden, W.C.

Locations:

Heather Farms Community Center	301 North San Carlos Drive, Walnut Creek
Orchard Nursery	4010 Mt. Diablo Blvd., Lafayette
Navlet's Garden Center	800 Camino Ramon, Danville
Crow Canyon Gardens	20 Boardwalk, San Ramon
McDonnell Nursery	196 Moraga Way, Orinda
Lindsay Wildlife Museum	1931 First Avenue, Walnut Creek
Hap Magee Ranch Park	1025 La Gonda Way, Danville
Moraga Hardware & Lumber	1409 Moraga Way, Moraga
Mt. Diablo Nursery	3295 Mt. Diablo Blvd., Lafayette
Contra Costa Times Garden	2640 Shadelands Drive, Walnut Creek
Sloat Garden Center	828 Diablo Road, Danville

Reservations are required!

Call (925) 906-1801 x306 or visit www.wastediversion.org to register online.

For additional composting information, discounted compost bins, monthly Allied Waste Services bill discount, special workshop dates and information tables please visit www.wastediversion.org.

CENTRAL CONTRA COSTA
SOLID WASTE AUTHORITY

Home Composting for Busy People Workshop Schedule
January - December 2010

Date	Time	Workshop	Location
1/13/10	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
2/10/10	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
2/27/10	1-2:30 pm	Compost/Vermicompost	Moraga Hardware, Moraga
3/11/10	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
3/20/10	1-2:30 pm	Compost/Vermicompost	Mt. Diablo Nursery, Lafayette
3/27/10	2:30-4 pm	Compost/Vermicompost	Lindsay Wildlife Museum, W.C.
4/03/10	1-2:30 pm	Compost/Vermicompost	Moraga Hardware, Moraga
4/17/10	9-10:30 am	Compost/Vermicompost	Hap Magee Ranch Park, Danville
4/23/10	10-11:30 am	Compost/Vermicompost	Contra Costa Times Garden, W.C.
5/08/10	12:30-2 pm	Compost/Vermicompost	Mt. Diablo Nursery, Lafayette
5/16/10	2-3:30 pm	Compost/Vermicompost	Navlet's Garden Center, Danville
5/22/10	1-2:30 pm	Compost/Vermicompost	Crow Canyon Gardens, S.R.
6/12/10	9-10:30 am	Compost/Vermicompost	McDonnell Nursery, Orinda
6/19/10	1-2:30 pm	Compost/Vermicompost	Lindsay Wildlife Museum, W.C.
7/07/10	9-10:30 am	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
7/16/10	10-11:30 am	Compost/Vermicompost	Contra Costa Times Garden, W.C.
7/24/10	9-10:30 am	Compost/Vermicompost	Crow Canyon Gardens, S.R.
8/10/10	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
8/22/10	2-3:30 pm	Compost/Vermicompost	Navlet's Garden Center, Danville
8/28/10	1-2:30 pm	Compost/Vermicompost	Moraga Hardware, Moraga
9/11/10	9-10:30 am	Compost/Vermicompost	Hap Magee Ranch Park, Danville
9/18/10	1-2:30 pm	Compost/Vermicompost	Orchard Nursery, Lafayette
10/05/10	7-8:30 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.
10/16/10	1-2:30 pm	Compost/Vermicompost	Orchard Nursery, Lafayette
11/13/10	1-2:30 pm	Compost/Vermicompost	McDonnell Nursery, Orinda
11/20/10	1-2:30 pm	Compost/Vermicompost	Lindsay Wildlife Museum, W.C.
12/06/10	6:30-8 pm	Compost/Vermicompost	Heather Farms Comm. Ctr, W.C.

Locations:

Heather Farms Community Center	301 North San Carlos Drive, Walnut Creek
Orchard Nursery	4010 Mt. Diablo Blvd., Lafayette
Crow Canyon Gardens	20 Boardwalk, San Ramon
McDonnell Nursery	196 Moraga Way, Orinda
Lindsay Wildlife Museum	1931 First Avenue, Walnut Creek
Hap Magee Ranch Park	1025 La Gonda Way, Danville
Moraga Hardware & Lumber	1409 Moraga Way, Moraga
Mt. Diablo Nursery	3295 Mt. Diablo Blvd., Lafayette
Contra Costa Times Garden	2640 Shadelands Drive, Walnut Creek
Navlet's Garden Center	800 Camino Ramon, Danville

Reservations are required!
Call (925) 906-1801 or visit www.wastediversion.org to register online.

San Ramon

CENTRAL CONTRA COSTA
SOLID WASTE AUTHORITY

IPM Policy

It is the purpose and intent of this IPM Policy to ensure that the Town of Danville departments and all those who apply pesticides and herbicides to property owned and/or managed by the Town of Danville utilize integrated pest management (IPM) practices and reduce pesticide/herbicide applications on public-owned and/or Town of Danville managed property to the maximum extent feasible and as required by State and Regional Stormwater regulation.

The Town of Danville, in carrying out its pest and weed management operations, shall focus on long term prevention or suppression of pest and weed problems with minimum impact on human health, non-target organisms, and the environment.

The goal of the Town of Danville is to reduce its use of pesticide/herbicide use and use (to maximum extent possible) non-toxic methods to control pests on Town of Danville property. The Town of Danville recognizes that pesticides/herbicides are potentially hazardous to human health and the environment, and non-pesticide/herbicide alternatives will be considered first over toxic pesticides/herbicides on Town of Danville property (wherever feasible and within budgetary constraints). The Town of Danville will develop and adhere to IPM Standard Operating Procedures that will outline all the IPM activities that will be implemented to ensure that less toxic methods are used to control pests/weeds on Town of Danville property.

2009-10 Town of Danville IPM Practices

The Town's Integrated Pest Management (IPM) Program has been operational since 2002 for all Town buildings, creeks, roadsides, and park maintenance practices. Jed Johnson, the Maintenance Services Manager has been a member of the Contra Costa County IPM Task Force and was active in the development of countywide IPM policies and stays abreast of new IPM methods applicable to the Maintenance Services Division. This group developed the countywide IPM Policy for Contra Costa County which was approved by the County Board of Supervisors in July 2002. Some pilot-only efforts have been tried in various areas of the county and the information is shared. The Town of Danville's parks, roadsides and building maintenance IPM practices currently exceed this policy in most areas. Jed also coordinates with the San Ramon Valley Unified School District on pesticide/herbicide management practices since several of the Town-maintained parks are located on school sites. The Town standards on all school sites are at the "low-toxicity levels" as agreed upon with the School District and the City of San Ramon. Town Maintenance supervisors and staff are aware of the goals of the IPM program and try to implement an IPM strategy as the first line of defense in Danville whenever possible.

In general, no pesticides are stored at Town facilities. Also, no herbicides or fertilizers are stored at Town facilities unless it is to be used within a couple weeks. All pesticide/herbicide applicators are contracted out and the contractors are aware of the Town's NPDES permit requirements and all the IPM Performance Standards. These applicators report to the Town on all the quantities of pesticides/herbicides that were utilized in the Town of Danville for this report.

IPM - Buildings

The Town hires out all pest management operations for publicly owned buildings to a contractor that has been trained in and implements IPM (Bug Zappers). Since this contract is less than $2500/yr., there is no contract for services. However, eight years ago written IPM Performance Standards were developed and are still being utilized for all Town-owned buildings. The IPM program applies to the six Town-owned buildings (library, community center, Town offices, Town Meeting Hall, Town Service Center, and Oak Hill Park Community Center as well as several park buildings) and has proven to be very effective for spiders and ants. Bait traps are used with orange guard or rosemary oil, which works very well. In the beginning this program only cost 10% more with no pesticides being used. It appears that the bugs are eradicated more effectively with this procedure. Instead of coming out quarterly to spray pesticides, monthly visits from the contractor are needed to replace the traps, etc. Pesticides would be a last resort. The IPM practices are recorded for each visit and reflected in their monthly billing statements.

IPM - Parks and Roadsides

IPM methods are also utilized by the Town's certified pest control contractor for all parks and roadside areas of Town. Since many of the Town's parks are also School District sites, they follow strict "low-level" herbicide/ pesticide use standards set by the State for school districts for all Town parks. Herbicides are applied monthly (school district park sites approximately 10 times per year). Herbicide/pesticide spraying is never done while it is raining or windy conditions. When possible, the Town of Danville sprays when the San Ramon Valley School District is on a Holiday or school is not in session. The Town posts a notice at each school site to inform the public a minimum of 24 hours before applying herbicides/pesticides to 72 hours after application. The Town of Danville gives the San Ramon Valley School District a two week notice (unless it's an emergency application) before applying herbicides/pesticides at all school sites. The Town's maintenance manager meets quarterly with the school district maintenance manager to discuss pesticide/herbicide practice. As a group, they try to use all the same products at the various school sites for efficiency and proper application. The school district representatives report that when they tried to eliminate all herbicides/pesticides, other problems developed with rodents, insects, weeds and the sites were very aesthetically unpleasing. The current methods appear to be working adequately now.

Another IPM measure that has been deemed effective since 2006 for rodent control along roadsides and parks, is to utilize traps for rodents so they can reduce the use of poison bates in some areas. This method appears to be effective, but considerably more labor intensive and a lot more expensive (e.g. three hours/day resetting traps).

In 2008-09, due to near drought conditions, the Town committed to East Bay Municipal Utility District (EBMUD) to voluntarily reduce its water usage. On August 1, 2008, the Town instituted a mandatory water rationing program, reducing water usage by 30% at all parks and roadsides. This mandate also included a mandatory 10% water reduction at all school sites. In an effort to save additional water, the Town implemented these requirements early in June of 2008. These drought requirements are no longer in effect but the Town continues to look for ways to reduce water consumption.

A turf management program for all Town-maintained sports fields is regularly performed during the fall and spring of the year. The Town's turf management program includes aeration, slit seeding and fertilization. In areas of heavy use, the turf management program can be performed up to five times a year. The granular slow release type of fertilizer was used and at the same time the lawn was aerated in order for the fertilizers to properly penetrate. A better irrigation system with a new pump was installed at Diablo Vista Park and Green Valley School in 2005, where there are four baseball fields and four soccer fields on natural turf. The methods utilized at these sites appear to have worked because staff reports that there is more efficient performance with the irrigation system resulting in less chemical usage.

The Town of Danville has also made a commitment to using artificial turf for sports fields in two large public parks/sports facilities. The Diablo Vista Park sports fields (comprising approximately 1 acre) were converted from regular turf to artificial turf ten years ago and were completely replaced two years ago a high grade artificial turf. Staff reports that this new high grade synthetic turf material appears to be longer-lasting than the turf that it replaced. Sycamore Valley Park sports fields (approx. 3.8 acres) were renovated and replaced in 2003 with artificial turf on two soccer fields and three baseball diamonds. Conversion of these park sites to artificial turf was very costly initially; however these fields require no water, fertilizer, or pesticides and very little herbicides.

The Town maintains one pond at Oak Hill Park where the water quality over the past eight years has progressively gotten better without using copper-based algaecides. In the past, the Town had one fountain sprayer in the middle of the pond and a circulation pump that couldn't keep the water clear. The system was improved eight years ago by installing a compressor and three aeration lines that greatly improved the water quality of the pond, along with the use of macrobiotics. However, the improved system didn't hold up. The lines wore out and had a tendency to get clogged and broken. So the Town of Danville replaced the system three years ago with a new compressor and five aeration stones that appear to work better and are friendlier to fisherman.

The pond is 100% controlled naturally. Alum and bacteria microbes have been utilized in the pond for algae and debris control for over 8 years. The microbes reproduce every 10-12 days and eat the same things that algae would eat so they starve the algae of nutrients. It appears that fewer quantities of microbes are being utilized than ever before because they are multiplying on their own with the improved efficiency of the aeration system. The Alum is composed of fish oils and all-natural by-products that are used for water clarity. It works by sinking cloudy water debris to the bottom of the pond so the microbes can eat it.

SECTION E

PESTICIDE APPLICATION

The use of pesticides is for weed control as described in Section B and for extra work in certain cases to control plant diseases and for pest control.

1. PESTICIDE APPLICATION

a. A pesticide program should be used **only** within an overall pest management program that embraces Integrated Pest Management (IPM) principals, which includes nontoxic methods and adheres to the regulations set forth by the California Department of Pesticide Regulations. This pesticide program must adhere to the Town of Danville's specific IPM program where applicable. Contractor must be **'IPM certified/trained'** or obtain certification within the first six months of the contract.

b. All work involving the use of chemicals shall be in compliance with all Federal, State and local laws and will be accomplished by or under the direction of a State of California Licensed Pest Control Operator.

c. A listing of proposed chemicals to be used including: commercial name; application rates; and type of usage shall be submitted to the Manager or designated representative for approval at the commencement of the contract. No work shall begin until written approval of uses is obtained from the Maintenance Services Manager or designated representative.

d. Records of all operations stating dates, times, methods of application, chemical formulations, applicators' names and weather conditions shall be made and retained in an active file for a minimum of three (3) years. The contractor shall submit a pesticide use quarterly report to the Town within 30 days from the end of each three-month period.

e. All regulations and safety precautions listed in the "Pesticide Information and Safety Manual" published by the University of California shall be adhered to.

f. Chemicals shall be applied when air currents are still to prevent drifting onto adjacent property and to prevent any toxic exposure to persons whether or not they are in or near the area of application.

g. The Maintenance Services Manager or designated representative shall be notified immediately of any disease, pests or unusual conditions that might develop.

h. The Contractor shall provide costs as described in the price proposal for all labor and equipment associated with pesticide application. The cost of the pesticides is not included in the price proposal. The Town will pay an additional amount equal to the actual cost of the pesticide applied.

i. Backpack Spraying shall be all hourly costs of a qualified pest applicator including transportation and safety equipment to perform "Backpack Spraying".

j. Spray Rig Spraying shall be the hourly cost of a qualified pest applicator including transportation, safety equipment, and a 50-gallon (minimum size) powered spray rig to perform "Spray Rig Spraying".

k. The hourly cost shall be the actual number of hours the equipment is in operation at the site location.

What is IPM?

Integrated pest management, or IPM, is a system of controlling pests by combining biological, mechanical, cultural, physical and chemical control methods in a way the minimizes economic, health and environmental risks.

Pests are monitored by regular and careful inspections. The inspections identify pests and the conditions contributing to the pest problems. Based on the inspection the technician then decides what actions are necessary. The knowledge of the pests biology and habits will help in determining what methods or techniques would best control the pests at the lowest potential exposure possible.

Cultural controls: Modifying the activities of the occupants, grounds keepers, and custodians. Examples include restricting food consumption to certain areas or emptying trash cans in the afternoon instead of allowing cans to sit over night.

Physical Controls: Modifying a habitat, using mechanical traps to capture pests, or using barriers or other materials to exclude pests from an area. Examples of habitat modification include caulking, filling access holes in walls, sealing around electrical outlets, or tight fitting trash can lids. Physical traps might include pheromone sticky traps for grain or clothes moths, snap traps for mice, or traps for flies.

Biological Controls: The use of living organisms to control other living organisms. Most pests have natural enemies that control or suppress them effectively in some situations. Some natural enemies or beneficial predators are ladybugs, lacewing, stingless wasps, and nematodes.

Chemical Controls: The use of pesticides in a proper manner and in accordance with the label. Examples of a pesticide application would include applying a dust pesticide into a wall void to control ants or using baits in a crack to control cockroaches.

IPM is just good common sense. **Our accounts that have adopted IPM programs not only report a reduction in their use of pesticides, but a significant improvement in their level of pest control.** *IPM forces you to look at the big picture and to analyze the problems that caused pest populations to grow in the first place. IPM has proven to be the most effective program. IPM provides effective, long-term control of landscape and structural pests, while protecting the health, environment, and the quality of life of our children, through pest reduction.*

Why Integrated Pest Management (IPM)?

We, as a society, have become increasingly sensitive to our environment; less willing to accept health risks, even very small ones, from contaminants in the food we eat, the water we drink, the air we breathe or in the buildings we occupy. We are especially sensitive about our children's health and well being.

These concerns are changing the way we live. Pest control, too, is changing with the times. What was common and accepted practice a decade ago is no longer seen as acceptable to many people. A new approach to pest control has evolved. It is called integrated pest management or IPM. It reduces the risks from pesticides and improves the quality of pest control. A concerned public is asking, and sometimes demanding that IPM be used instead of traditional pest control service, particularly in sensitive sites such as schools.

Reducing Pesticide Exposure

Licensed and unlicensed people are applying pesticides in and around properties, to control unwanted pests such as cockroaches, rats, ants, fleas, and weeds. Despite the reliance on pesticides, however, there are many ways to control pests without the use of chemicals, such as prevention, improved housekeeping, and habitat modification. When a chemical pesticide is warranted, there are numerous effective materials available for the job.

IPM methods will always be the first application of elimination of any pest. Bug Zappers will perform the following:

Bug Zappers

Target Specialty Products
15415 Marquardt Avenue, Santa Fe Springs, CA 90670

State of California

Certificate of Completion

Filiberto Lopez Pineda
Licensee's Name

RA45252
License Number

December 17, 2010
Date of Activity

Worker Safety 2010
Activity Title

Martinez, CA
Location

7180
Activity Number

L
Educational Activity

4.0
Hrs. Earned

All
Branch

Regs. & Regs.
Technical/General

This is to certify that the above named licensee has successfully completed the above numbered activity.

Note: DO NOT SEND THIS CERTIFICATE TO THE BOARD. The above hours are approved for Structural Pest Control Board license renewal. Original continuing education certificates are subject to Board audit and should be RETAINED by you for three years.

Sylvia Kenmuir, Director of Training

TARGET™
Delivering Value

Bike to Work Day Rides Again

It's time to oil up your bike and flex your leg muscles for the San Francisco Bay Area's 17th Annual Bike to Work Day<http://r20.rs6.net/tn.jsp?llr=hshzwidab&et=1105057173721&s=22536&e=001ADHMtY76ahIXUNzxVXbngD_HRT_1ItS_eswnrL5mcwAKTs4Icf82XliR9vY4hD-Tf7WvJ_uGHRt56NUpqknBNzlhawT-nfFyBc5RbTLG2byoPMl-Awq92iIPRfNk2p_P> on Thursday, May 12, 2011. A popular highlight of National Bike Month, this day-long event encourages Bay Area residents to use two wheels rather than four. As in years past, energizer stations will be set up along popular Bay Area bike routes to provide cyclists with encouragement, refreshments, giveaways and information. Participants who register for Bike to Work Day will be automatically entered in a raffle for a new bike and bicycle gear.

In a related development, sign-ups for Team Bike Challenge opened April 1. In this friendly competition, bicycle teams of two to five riders try to log the most trips via bike through the month of May. Teams with the most points in each county win prizes. The top team overall wins a bike rack for placing in a location of their choosing. If you're forming a team, keep in mind that bicycling novices and "Big Wheels" (important members of the community) earn extra points for each ride. Sign up here<http://r20.rs6.net/tn.jsp?llr=hshzwidab&et=1105057173721&s=22536&e=001ADHMtY76ahJ0E6Leo4mRqoINLKN6YCrHXXgttXgUVq6sxekjLPtetOJvDikUAFIM-O9xC8SrvifsRIfYP14sfQl16TLYI0VyH9pFeOxJRAkUgKKoP5LfY9y3vXAKnttljmnGXNFYl1c=>, and for inspiration, see the video diaries<http://r20.rs6.net/tn.jsp?llr=hshzwidab&et=1105057173721&s=22536&e=001ADHMtY76ahI4AOBPIsx6WA_1k2Q26nnl83Pa0u-1Nz2fRLMWsv6ANSeLdHN5hjhjSx1lQuX5M7A_4u3IjYRNP0XHuR-7GINN-LKosjpCT9TtlDh7Y23QOontluTr2gYTZ6Gf53w-9EI=> created by last year's Team Bike Challenge competitors.

Meanwhile sponsors are soliciting nominations for Bike Commuter of the Year in each of the nine Bay Area counties. All entries must include the nominee's name, email, county and a brief write-up (200 words or less) on why he or she deserves the Bike Commuter of the Year award. All nomination entries must be submitted by April 14 via the online form<http://r20.rs6.net/tn.jsp?llr=hshzwidab&et=1105057173721&s=22536&e=001ADHMtY76ahIWr1-GM2UxXSaznBmcMPqap20X1RnoNf7ilySmjYZcytXu87CHBLB-fO_n35SSGbWPEhoZ2Ir6r3qnD0E2Ayc98HgAHMhqo_agHCODoII9El9BvrLp6l1M>.

Bike to Work Day and associated promotions are funded by MTC in partnership with Kaiser Permanente and other private and public sponsors.

Senior Civil Engineer

Town of Danville

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Danville, CA 94526

925-314-3316

Note my new E-mail address: mstella@danville.ca.gov

Subject: Slow the Flow - Make your Landscape Act Like a Sponge
Location: Large Conf Room

Start: Thu 10/7/2010 1:00 PM
End: Thu 10/7/2010 1:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Michael Stella

When: Thursday, October 07, 2010 1:00 PM-1:30 PM (GMT-08:00) Pacific Time (US & Canada).
Where: Large Conf Room

Note: The GMT offset above does not reflect daylight saving time adjustments.

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CHANGE IN LOCATION...MEET IN THE LARGE CONFERENCE ROOM

During the first half hour of our biweekly Engineering Division staff meeting on October 7th, I'd like to present a film produced by the State Water Resources Control Board as described below. I invite our colleagues from Planning to join us since most of the Planning applications the Town processes are subject to the low impact development requirements showcased in the film. I previewed the film this morning and found it to be both informative and interesting. All of the examples are from northern California. Don't miss out - it's worth a half hour of your time.
-Michael Stella, x3316

Slow the Flow - Make Your Landscape Act Like a Sponge

A joint production of the Water Board Training Academy<http://www.waterboards.ca.gov/water_issues/programs/academy/home.htm>, Storm Water Program<http://www.waterboards.ca.gov/water_issues/programs/stormwater/index.shtml>, "Slow the Flow: Make Your Landscape Act More Like a Sponge" brings to life practices and projects that individuals and communities have created to steward our watersheds and slow down the flow of storm water, one of the largest contributors of pollution into our waterways

The half hour high definition documentary features a Sacramento landscaper who shocks his neighbors by pulling out his traditional front yard lawn and cement driveway, and putting in rain gardens, swales, native landscaping, and permeable paving; a suburban community that votes in a bond measure to pay for their school district to move to green multi-benefit watershed landscape practices and low impact development at all their schools; and a non-profit which is helping an urban neighborhood remove concrete and put in sidewalk gardens and median parks. The projects and approaches highlighted are very low-tech, green, habitat-enhancing, and beautiful—making a good argument for kicking back and not raking the leaves or watering the lawn.

The film educates viewers on how storm water is created, and the associated problems. While the statistics peppered

throughout the film are sobering, Slow The Flow offers solutions that any homeowner or municipality can put into place, and shows that individuals can make a difference.

From: Chris McCann <CMcCann@danville.ca.gov>
Sent: Monday, April 18, 2011 4:10 PM
To: _All Employees; _Arts Commission; _Heritage Resource Commission; _Parks & Leisure Services Commission; _Planning Commission; _Town Council
Subject: FW: Spring Fling in Full Swing
Attachments: SpringFlingBrochureFINAL_Page_2.png; SpringFlingBrochureFINAL_Page_1 .png

The Spring Fling is in full swing in Danville with eco-friendly events happening throughout town in celebration of Earth Day (April 22nd). Check out all the fun in the attached info!

Chris :)

From: Sustainable Danville Area, Every Choice Counts [mailto:sustainabledanville@gmail.com]
Sent: Thursday, April 07, 2011 10:50 PM
To: sustainabledanville@gmail.com
Subject: Spring Fling in Full Swing

Hello Danville Area Sustainable Businesses:

Please send the attached event calendar to your mailing list to encourage your customers to visit during the Spring Fling.

Throughout April, Danville Area Sustainable businesses will offer eco-friendly activities<http://sustainabledanville.wordpress.com/programs/spring-fling-celebrating-a-greener-community/> every Thursday and Saturday at locations all over town.

Activities have been planned to entice the curiosity of 'young and younger' with bike-to-lunch specials, solar cooking demos, decorating with eco-friendly items, tips on green building, composting and the wonderful world of worms, edible gardening, eco-fashions, recycled art projects, music and much more

Happy Spring Fling,

Cynthia Ruzzi

President, Co-Founder Sustainable Danville Area

Marcia Harmon

President, Discover Danville Area

Spring Fling

fun for the whole family all around town!

SATURDAY, APRIL 2

Spring Fling at the Livery
Paper maché eggs demo at Cottage Jewel
Bike-to-Lunch specials at Jules Thin Crust, La Boulange and Norm's Place
11am-2pm Eco-decorating at Design on the Line
1:30pm Eco-furnishing at Design Elements

THURSDAY, APRIL 7

5pm-8pm Concierge/maps sponsored by Danville Chocolates; music by 'A Positive Spin', stores open late
Re-design & repair jewelry demo at Cottage Jewel

SATURDAY, APRIL 9

9am-1pm Complimentary shopping tote/map at Farmer's Market
DanvilleAlamo Garden Club bulb planting
11am-3pm Mosaic Art & Emergency compost toilet demo at Cottage Jewel
"Nesting" craft demo by realtor Maryann Cadorna
12:30pm-3pm Stoney Ridge Bluegrass band at Museum of SRV
Green Dog House built by Gayler Construction w/ Green Living books at Rakestraw
Bike-to-Lunch specials at Jules, Norms, LaBoulange
10am-12pm Edible Garden class at Navlet's/Rose Garden Shops
Eco-friendly fashions at Olive Eco Boutique

THURSDAY, APRIL 14

5:30-7:30 Chamber Mixer - DASB recognition, $20 fee
5pm-8pm Concierge/maps sponsored by Yard Art
Wooly Pocket demo & sustainable outdoor elements

SATURDAY, APRIL 16

9am-1pm Complimentary shopping tote/map at Farmer's Market
Recycled art kids project by Valley Preschool
10am Learn to Compost @ Museum of SRV
11am The Wonderful World of Worms (and what they can do for your garden) near Farmer's Market at Museum

SATURDAY, APRIL 16 CONT.

Concierge/map sponsored by Heritage Bank
12pm-2pm Re-finishing Furniture Safely at Cottage Jewel
Edible Gardening books at Rakestraw
Wool, wood & potted chairs @ Presence Gifts
Bike-to-Lunch specials continue

THURSDAY, APRIL 21

5pm-8pm Concierge/maps sponsored by DanvillePatch – Safe egg dying demo by Allstate Insurance. Music provided by 'A Positive Spin'; stores open late
Bauble & button re-purposing @ Cottage Jewel
6pm-8pm Celebrate Sustainable Danville Area's 1st Anniversary with Organic/Sustainable Wine tasting at The Vine , $15/pp

FRIDAY, APRIL 22

10am-12pm Eco-friendly kids crafts at Village Theatre
1:30pm Documentary screening of artistic outdoor and sculptures at Village Theatre
3pm-5pm Dragonfly Design Studios' resin-filled recycled bottle cap ring project at the Village Theatre ($5 fee per ring)

SATURDAY, APRIL 23

9am Town Eggstravaganza at the Danville Library
9am-1pm Danville Alamo Garden Club seedling demo at Farmer's Market
11am-3pm Solar cooking demo near Farmer's Market at Museum of SRV
2-2:15pm Earthbox demo at Navlet's
12:30-3pm Stoney Ridge Blue Grass band by Museum of SRV
10:30-3:30 Homespun/hand-made table toppers at Cottage Jewel
12-3pm Animal storytime at Rakestraw Books
Bike-to-Lunch specials at Jules Thin Crust, La Boulange and Norm's Place
3pm Final raffle drawing at Concierge (Hartz/Prospect)

Event Schedule updates at www.DiscoverDanvilleCA.com

Complimentary shopping tote, water bottle, and town map (while supplies last) provided by **Shop Danville First.**

Find all Danville businesses at www.DanvilleInStyle.com

Eco-education, inspiration & 30 Day Challenge provided by www.SustainableDanville.com

Learn more about SDA's monthly forums online.

Thank you DanvillePatch for supporting our Sustainable efforts and posting our "Spring Fling" photo gallery updates all month. Show off your pictures on DanvillePatch!

Schedule of events and raffle provided by Discover Danville Association.

Visit www.DiscoverDanvilleCA.com to find more shopping, dining, festivals, and wine stroll events.

Music compliments of
Stoney Ridge Blue Grass
"A Positive Spin" D.J.

Signage donated by Fast Signs

Design/Printing by Danville Media Group

What is the Danville Area Sustainable Business Council?

Benefits of becoming a Danville Area Sustainable Business

Congratulations to our first registered DASB organizations:

Allstate Insurance
Athenian School
Christine's A Complete You
Cottage Jewel
Danville Chocolates
Design Elements
Design on the Line'
Fabulous Drapes
Fast Signs
Gayler Construction
Heritage Bank
Hesperian Cleaners
Jules Thin Crust
La Boulange
LaniStudio, LLC
Norm's Place
Olive Boutique
One Earth Health Foods
Presence Gift Shop
Rakestraw Books
San Ramon Vet. Hospital
Sotheby's Realty
Twenty One Tango
Valley Parent
Cooperative Preschool
Yard Art

Does your business qualify?
Find the check list and register at
www.SustainableDanville.com
Join our next "green" celebration!

Sponsored by:

DANVILLE AREA
SUSTAINABLE BUSINESS COUNCIL
economic, environmental & social prosperity

April 2011

Spring Fling

Celebrating a "Greener" community with

- Eco-friendly Demos & Clinics
- Bike-to-Lunch Specials
- Shop Local First raffle

Saturdays 9-3
Concierge at Farmers Market

Thursday nights 5-8
Concierge Downtown Danville
Hartz & Prospect