A-1: MCSTOPPP Fiscal Year 2012-2013 Budget

A-2: Proposed MCSTOPPP Fiscal Year 2013-2014 Budget

A-3: Revised MCSTOPPP Fiscal Year 2013-2014 Budget

State Controller Schedules County Budget Act January 2010	County of Marin Special Districts and Other Agencies Financing Sources and Uses by Budget Unit b Fiscal Year 2012 - 13	County of Marin pecial Districts and Other Agencies Sources and Uses by Budget Unit by Object Fiscal Year 2012 - 13		Schedule 15
Detail by Revenue Category and Expenditure Object	2010-11 Actual	2011-12 Estimated	2012-13 Recommended	2012-13 Adopted by the Board of Supervisors
-	2	က	4	Ŋ

# 25025 MCStrmwtrPolutPrvPrg

Revenue				
Use of Money and Property	0	1,882	2,000	2,000
Intergovernmental Revenues	0	140,802	0	0
Charges for Services	0	250,000	550,000	550,000
Other Financing Sources	0	9,441	8,000	8,000
Total for Revenue	0	702,124	260,000	260,000
Expenditures / Appropriations				
Services and Supplies	0	246,980	364,976	364,976
Inter-fund Expense	0	360,033	373,699	373,699
Total for Expenditures / Appropriations	0	607,013	738,675	738,675
Net Cost	0	95,111	(178,675)	(178,675)

UPDATED 1/3/2013 Table 2 - Page 1 of 2

Account Program Code 6171011000	Account	MCSTOPPP MCSTOPPP FUND 250 Budget Summary	25				
Program Code			25				
Program Code		Budget Summary					
Program Code			EV 44 40	I	EV 40 40	I	
Code			FY 11-12 Adopted	FY 11-12	FY 12-13 Adopted	FY 12-13	FY 13-14
	Category	Accounting Description	Budget	Actuals	Budget	Projected	Proposed
	e a a gerj	MCSTOPPP Fund Center Beginning Balance	\$440,221	\$543,839	\$406,572	\$571,792	•
	Expenses					-	
5510263		Salaries and Benefits	\$330,000	\$331,035	\$340,603	\$340,603	
5200000		Services and Supplies	\$444,550	\$190,270	\$333,200	\$350,259	
5510700		Indirect Overhead - Departmental Charge	\$11,500	\$11,364	\$11,500	\$11,500	\$11,500
5510190		Interfund Print Services		\$700		_	
	_	Total Expenditures	\$786,050	\$533,369	\$685,303	\$702,362	\$721,450
	Revenue	M 11 15 0 11 11	4=== 4==	4===	4===	4===	4===
4240322		Municipality Contribution	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000
4410125		Interest  Miscellaneau Revenue (partners registrations)	\$5,000	\$1,882	\$2,000	\$900	
4710642		Miscellaneou Revenue (partners, registrations)	\$5,500	\$9,441	\$8,000	\$13,500	
4040440		Total Revenue before Used Oil Block Grant Acct Transfer					\$557,900
4810110		Transfers In (12-13: Used Oil Block Grant Account balance)	4500 500	<b>\$504.000</b>	<b>#</b> =00 000	4504.400	\$153,468
		Total Revenue	\$560,500	\$561,323	\$560,000	\$564,400	\$711,368
6171011000		MCSTOPPP Fund Center Balance Ending	\$214,671	\$571,792	\$281,269	\$433,830	\$423,748
8171011000		Services & Supplies Expenditu	. ,	ψ3/ 1,/ <del>9</del> 2	\$201,209	ψ <del>4</del> 33,030	ψ <del>4</del> 23,740
5210100	Professional	I Services - Carry Forward	les Detail	\$46,633	\$0	\$25,071	\$0
		Stormwater Consultant Contract (EOA): FYs 09-10 & 10-11		\$45,633	40	<del>+</del> 20,011	
		Riparian Restoration/SWPP Education (STRAW): FY 09-10		\$1,000			
		Stormwater Consultant Contract (EOA): FY 11-12		ψ1,000		\$23,908	
		Debi Tidd Contract - OWOW: FY 11-12				\$1,163	
		20011100 20111100 20111111111				ψ1,100	
5210100	Professiona	Services	\$328,700.00	\$41,333.05	\$209,000.00	\$203,175.25	\$240,000.00
92.0.00	110100010110	Direct Program Expenses - professional services  • Audit	<b>4020</b> ,100100	ψ11,000.00	<del>+</del> 200,000.00	Ψ200,110.20	<del></del>
		<ul> <li>Bay-Friendly professional landscaper training series</li> <li>Schools outreach &amp; education - STRAW restoration projects</li> <li>Workshops - technical or general public</li> <li>MCSTOPPP calendar</li> </ul>					
		<ul><li>Our Water Our World - pesticide use reduction</li><li>Publication development</li></ul>	\$53,700	\$40,341	\$49,000	\$43,175	\$40,000
		Stormwater Consultant Contracts - new permit planning and implementation, including annual reporting assistance	\$210,000	\$0	\$160,000	\$110,000	\$200,000
		Stormwater Consultant Contract - current (2003) permit  • Annual Reports & Technical/Regulatory Assistance	\$65,000	\$992		\$50,000	\$0.00
5210700 5210900		tion Services (cell phones) ance (M & R Services)	\$400 \$250	\$560 \$719	\$1,000 \$800	\$1,000 \$586	

#### UPDATED 1/3/2013 Table 2 - Page 2 of 2

		FY 2013-2014 Proposed Bu	dget				
		MCSTOPPP MCSTOPPP FUND 2502	E				
		Budget Summary	.5				
Account			FY 11-12		FY 12-13		
Program	Account		Adopted	FY 11-12	Adopted	FY 12-13	FY 13-14
Code	Category	Accounting Description	Budget	Actuals	Budget	Projected	Proposed
5211200	Storage Uni		\$800	\$848	\$800	\$850	\$850
5211300	Professiona	Development Expense	\$500	\$364	\$900	\$900	\$1,000
5211400	Travel		\$400	\$1,458	\$500	\$1,000	
5211500	Miscellaneo	us Services	\$23,000	\$12,347	\$28,500	\$27,703	\$27,000
0211000		Printing	\$19,000	\$2,348	\$25,000	\$21,658	\$20,000
		Miscellaneous Services (venue rental, catering, events, TMDL)	\$4,000	\$9,999	\$3,500	\$6,045	\$7,000
5211600	Countywide	Dues and Memberships	\$81,000	\$79,552	\$81,200	\$80,174	\$81,500
	_	BASMAA	\$13,500	\$12,854	\$13,200	\$12,743	\$13,000
		Regional Monitoring Program (SFEI)	\$56,000	\$55,572	\$56,700	\$56,305	\$57,000
		North Bay Watershed Association	\$6,000	\$5,626	\$5,800	\$5,626	\$6,000
		CASQA	\$5,500	\$5,500	\$5,500	\$5,500	\$5,500
5211800	Contribution	n to Other Government	\$500	\$0	\$0	\$3,000	\$0
5220100	Office Supp	lies	\$4,000	\$2,456	\$4,000	\$3,000	
5220200		oftware (Maint & Repair Supplies - Equipt)			•	\$300	\$500
5220800		us Supplies	\$5,000	\$3,999	\$3,500	\$3,500	
		Subtotal Services and Supplies - No Carry Forward		\$143,637	\$330,200	\$325,188	\$359,950
		Total Services & Supplies with Carry Forward		\$190,270	\$330,200	\$350,259	



#### **Marin County Department of Public Works** P.O. Box 4186 San Rafael, CA 94913-4186 Tel. (415) 473-6528 Fax (415) 473-3799 www.mcstoppp.org

Member

**Belvedere** 

**Agencies:** Date: July 11, 2013

> To: Marin General Services Authority (MGSA) Board of Directors

From: Terri Fashing, Program Manager

RE: Revised MCSTOPPP Fiscal Year (FY) 2013-2014 Budget and Five-Year Municipal Corte Madera

**Contribution Estimates** 

**County** of Marin

Mill Valley

Novato

Recommendation: Receive report and recommend adoption of the Revised MCSTOPPP FY 2013-2014 Budget to the Marin County Flood Control and Water

**Conservation District Board of Supervisors Fairfax** 

Introduction Larkspur

> Thank you for your continued support of MCSTOPPP and this opportunity to present a Revised FY 2013-2014 budget. We're pleased to report that MCSTOPPP assisted all 12 municipalities in Marin to successfully submit their Phase II Municipal Stormwater Permit (Phase II Permit) applications. We're looking forward to the next five years of

> > collaborative and cost-effective permit implementation in partnership with

MCSTOPPP's member agencies.

FY 13-14 Budget Amendment Request San Anselmo

> We request an amendment to the FY 13-14 MCSTOPPP budget, adopted by the County of Marin's Board of Supervisors on June 20, 2013 and recommended by your Board on January 10, 2013. We need the budget increase in order to implement the Countywide Mapping and Outfall Monitoring Compliance Project and to cover additional implementation costs. The proposed revised FY 13-14 budget will allow MCSTOPPP to continue implementing existing requirements and to develop required procedures, plans and a public outreach strategy. We will also complete a new development guidance manual and model ordinance language. These cost-effective countywide MCSTOPPP work products will assist Marin's municipalities with permit compliance in FY 13-14.

> The proposed revised MCSTOPPP budget for FY 13-14 of \$812,244 is funded by the FY 13-14 MCSTOPPP municipal contribution of \$550,000, miscellaneous revenue, and a transfer from the MCSTOPPP reserve of \$255,344. The total reserve projected for the end of FY 13-14 is \$408,786. The MCSTOPPP Agency Staff Committee reviewed and approved the preliminary FY 13-14 budget at the May 1, 2013 meeting. The table below describes the proposed revision to the FY 13-14 budget:

Ross

San Rafael

Sausalito

**Tiburon** 

Description	Adopted Budget	Proposed Revised Budget
Beginning Fund Balance - projected FY 12-13 end-of-year MCSTOPPP reserve	\$433,830	\$510,661
FY 13-14 Expenses		
FY 13-14 MCSTOPPP salaries, benefits, services and supplies, and overhead	\$721,450	\$812,244
FY 13-14 Revenues		
FY 13-14 Municipal Contribution - no change from FY 11-12	\$550,000	\$550,000
FY 13-14 miscellaneous revenues and interest	\$7,900	\$6,900
MCSTOPPP reserve transfer in - from the Used Oil Block Grant Fund Center	\$153,468	\$153,468
Total FY 13-14 Revenues	\$711,368	\$710,368
Additional MCSTOPPP reserve needed to cover expenses	\$10,082	\$101,876
Ending Fund Balance - projected FY 13-14 end-of-year MCSTOPPP reserve	\$423,748	\$408,786

#### **Revised Five-Year MCSTOPPP Municipal Contribution Estimates**

In addition, we are continuing to develop a five-year implementation plan and associated cost estimate for MCSTOPPP. The attached Table 2 provides revised municipal contribution estimates for the next five years. The high end of the contribution ranges for Fiscal Year 15-16 through Fiscal Year 17-18 anticipates a higher level of service to municipalities from MCSTOPPP including assistance with proposed trash reduction program requirements. When the State Board incorporates trash reduction requirements into our permit (in FY 14-15 or FY 15-16), staff will identify countywide program tasks that could be performed by MCSTOPPP on behalf of Marin's municipalities and provide you with updated municipal contribution estimates. So until the State releases the new trash requirements, please consider the municipal contribution ranges for FY 15/16-FY 17/18 as estimates.

We plan to return to your Board in October or November with a status report on new permit implementation and a draft FY 14-15 budget. Thank you for your continued support of MCSTOPPP.

#### Attachments-budget tables

C (by email): Bob Beaumont, Director of Public Works

Craig Tackabery, Assistant Director of Public Works

Tracy Clay, Principal Civil Engineer

Liz Lewis, Principal Planner Marin Public Works Association Municipal Stormwater Coordinators Table 1 UPDATED 6/20/2013

#### FY 2013-2014 Proposed Amended Budget - July 2013 **MCSTOPPP** MCSTOPPP FUND 25025 **Budget Summary** FY 13-14 Budget FY 12-13 FY 12-13 Recommended by FY 13-14 Account Account Adopted Revised MGSA Board 1-10-13 Proposed Amended Adopted June 2013 **Program Code** Category **Accounting Description Budget Projected** Budget MCSTOPPP Fund Center Beginning Balance (Reserve) \$406,572 \$571,792 \$433,830 \$510,661 6171011000 **Expenses** Expenses \$348,718 \$467,203 5510263 Salaries and Benefits \$340,603 \$350,000 5200000 Services and Supplies \$333,200 \$264,413 \$359,950 \$333,541 5510700 Indirect Overhead - Departmental Charge \$11,500 \$11,500 \$11,500 \$11,500 **Total Expenses** \$685,303 \$624,631 \$721,450 \$812,244 Revenue Revenue \$550,000 \$550,000 \$550,000 \$550,000 4240322 Municipality Contribution \$1,000 \$900 \$900 4410125 Interest \$2,000 \$8,000 \$12,500 \$7,000 \$6,000 Miscellaneou Revenue (partners, registrations) 4710642 **Revenue Subtotal** \$557,900 \$556,900 4810110 Transfers In (MCSTOPPP Reserve from Used Oil Block Grant fund \$153,468 \$153,468 center) **Total Revenue** \$560,000 \$563,500 \$711,368 \$710,368 MCSTOPPP Fund Center Balance Ending (Reserve) \$281,269 \$510,661 \$423,748 \$408,786 6171011000 **Services & Supplies Expenditures Detail** 5210100 **Professional Services - Carry Forward** \$0 \$25,071 \$0 \$0 Stormwater Consultant Contract (EOA): FY 11-12 \$23,908 Debi Tidd Contract - OWOW: FY 11-12 \$1,163 5210100 **Professional Services** \$205,000 \$115,921 \$240,000 \$201,000 Direct Program Expenses - professional services Financial Audit • Bay-Friendly gardeing outreach and training • Outreach & education to schools • Workshops - technical or general public • Graphic design (MCSTOPPP calendar, etc.) • Less toxic pest management education (e.g. Our Water Our World) • Publication development \$45,000 \$43,981 \$40,000 \$36,000 Stormwater Consultant Contracts - new permit planning and implementation, including annual reporting assistance \$160,000 \$23,940 \$200,000 \$165,000 Stormwater Consultant Contract - current (2003) permit • Annual Reports & Technical/Regulatory Assistance \$48,000 \$0 \$0 5210700 \$1,000 \$1,000 **Communication Services (cell phones)** \$1,000 \$1,000 5210900 GIS Maintenance (M & R Services) \$800 \$586 \$600 \$600

Table 1 UPDATED 6/20/2013

#### FY 2013-2014 Proposed Amended Budget - July 2013 MCSTOPPP MCSTOPPP FUND 25025 **Budget Summary** FY 13-14 Budget FY 12-13 FY 12-13 Recommended by FY 13-14 Revised MGSA Board 1-10-13 **Proposed Amended** Account Account Adopted **Program Code** Category **Budget** Projected Adopted June 2013 Budget **Accounting Description** 5211200 Storage Unit (Rent) \$800 \$0 \$850 \$850 5211300 **Professional Development Expense** \$900 \$900 \$1,000 \$1,000 5211400 \$500 \$1,000 \$1,000 \$1,000 Travel 5211500 **Miscellaneous Services** \$28,500 \$31,758 \$27,000 \$34,200 \$23,758 Printing \$25,000 \$20,000 \$29,000 \$3,500 \$8,000 \$7,000 \$5,200 Miscellaneous Services (venue rental, catering, events, TMDL) 5211600 **Countywide Dues and Memberships** \$81,200 \$82,924 \$81,500 \$81,091 **BASMAA** \$13,200 \$12,743 \$13,000 \$12,591 Regional Monitoring Program (SFEI) \$56,700 \$56,305 \$57,000 \$57,000 North Bay Watershed Association \$5,800 \$5,626 \$6,000 \$6,000 CASQA \$5,500 \$8,250 \$5,500 \$5,500 5211800 \$0 \$3,000 \$0 \$0 **Contribution to Other Government** 5220100 \$3,000 \$2,500 Office Supplies \$4,000 \$2,500 5220200 Computer Software (Maint & Repair Supplies - Equipt) \$707 \$500 \$800 5220800 **Miscellaneous Supplies** \$3,500 -\$955 \$3,500 \$9,500 **Subtotal Services and Supplies - No Carry Forward** \$326,200 \$239,342 \$359,950 \$333,541 **Total Services & Supplies with Carry Forward** \$326,200 \$264,413 \$359,950 \$333,541

### MCSTOPPP Estimated Municipal Contributions FY 13-14 - FY 17-18

Description	YEAR 1 FY 13-14 Proposed Amended	YEAR 2 FY 14-15 Proposed	YEAR 3 FY 15-16 Revised Estimate	YEAR 4 FY 16-17 Revised Estimate	YEAR 5 FY 17-18 Revised Estimate
MCSTOPPP Total Municipal Contribution	\$550,000	\$550,000	\$650,000- \$750,000	\$675,000- \$900,000	\$700,000 - \$900,000
Belvedere	\$3,700	\$3,700	~\$4,400 - \$5,000	~\$4,500 - \$6,000	~\$4,700 - \$6,000
Corte Madera	\$21,586	\$21,586	~\$25,500 - \$29,000	~\$26,400 - \$35,000	~\$27,000 - \$35,000
Fairfax	\$16,075	\$16,075	~\$19,000 - \$22,000	~\$19,700 - \$26,200	~\$20,200 - \$26,200
Larkspur	\$22,002	\$22,002	~\$26,000 - \$30,000	~\$27,000 - \$36.000	~\$28,000 - \$36.000
Mill Valley	\$29,058	\$29,058	~\$34,300 - \$40,000	~\$35,700 - \$47,500	~\$37,000 - \$47,500
Novato	\$136,173	\$136,173	~\$161,000 - \$186,000	~\$167,000 - \$222,800	~\$173,000 - \$222,800
Ross	\$6,762	\$6,762	~\$8,000 - \$9,000	~\$8,000 - \$11,000	~\$8,600 - \$11,000
San Anselmo	\$20,824	\$20,824	~\$24,500 - \$28,000	~\$25,600 - \$34,000	~\$26,500 - \$34,000
San Rafael	\$113,911	\$113,911	~\$134,600 - \$155,000	~\$139,800 - \$186,400	~\$145,000 - \$186,400
Sausalito	\$14,187	\$14,187	~\$16,800 - \$19,000	~\$17,400 - \$23,200	~\$18,000 - \$23,200
Tiburon	\$19,502	\$19,502	~\$23,000 - \$27,000	~\$23,900 - \$31,900	~\$25,000 - \$31,900
County of Marin	\$146,220	\$146,220	~\$172,900 - \$200,000	~\$180,000 - \$240,000	~\$187,000 - \$240,000
Contribution Percent Increase	0%	0%	18% - 28%	23% - 65%	28% - 65%
MCSTOPPP Expenditures	\$812,244	~\$780,000	TBD	TBD	TBD
MCSTOPPP Reserve	~\$400,000	~\$180,000	TBD	TBD	TBD

Reserved – No Materials

C-1: Earth Day Flyer

C-2: Marin County Parks and Landscape Volunteers September 2012 Report

C-3: Street Sweeping and Catch Basin Cleaning Report

## Volunteer for Earth Day 2013!



## www.myearthdaymarin.org

April 20, 2013 Locations all around Marin! Visit <a href="https://www.myearthdaymarin.org">www.myearthdaymarin.org</a> to find a list of locations near you where you can participate in service projects in parks, open space preserves, cities and towns, and on the beach!



If you are a person with a disability and require accommodations, or if you require materials in alternative formats, please call 415.473.4381 voice/TTY or email: disabilityaccess@co.marin.ca.us

#### **Marin County Parks and Landscape Volunteers**

#### **September 2012 Report**



View from Heathcliff Drive near broom pulling efforts at the Tiburon Uplands Nature Preserve

**Total Volunteer hours for September 2012: 1672** 

Total IPM hours for September 2012: 1620

#### **Volunteer activity at Stafford Lake Park:**

-Miriam, French broom, fennel, and litter removal, 9 total hours.

#### **Volunteer activity at McInnis Park:**

- -Assigned hours = 4 people for 144 total, 122 of which were IPM related. Adult Offender Program workers performed litter pick up, hand weeding, restroom cleaning, paved surfaces cleaning and maintenance painting.
- -Community service hours = 2 people for 62 total, all of which were IPM related. Community service workers focused on litter pick up and hand weeding.
- -Volunteer hours = 1 person for 48 hours, 8 of which were IPM related. Stephen Portale -2 week internship, he focused on resurfacing all the picnic tables and tightening the hardware. He did perform some ranger assistance on routine maintenance and patrols.
- -Coastal Cleanup Day, September 15<sup>th</sup>, 13 volunteers, litter pick up, 39 total hours.
- -Fun Run support, September 29<sup>th</sup>, 1 volunteer, 4 total hours.

#### **Volunteer activity at McNears Beach Park:**

- -Assigned hours- 1 volunteer, weeding and raking, 16 total hours.
- -Chris, 6 total days, raking and weeding, 12 total hours.
- -Coastal Cleanup Day, September 15<sup>th</sup>, 88 volunteers, 264 total hours.

#### **Volunteer activity at the Civic Center:**

- -Assigned hours- 6 volunteers, litter pick up and weeding, 200 total hours.
- -Community service- 3 volunteers, litter pick up and weeding, 96 total hours.

#### Volunteer activity at other parks:

- -Hal Brown Park at Creekside, Boy Scout Troop 59, sheet mulching and weeding, troop coordination and planning by Ryan Gumm, 112 total hours.
- -Hal Brown Park at Creekside, Coastal Cleanup Day, September 15<sup>th</sup>, 63 volunteers, 189 total hours.
- -Agate Beach, Arlene, litter pick up, 8 total hours.
- -Mill Valley Bike Path- 4 volunteers, litter pick up, 30 total hours.
- -Mill Valley Bike Path, Coastal Cleanup Day, September 15<sup>th</sup>, 103 volunteers, 309 total hours.
- -Mill Valley Bike Path, Coastal Cleanup Day, Mill Valley Middle School, September 14<sup>th</sup>, 341 volunteers, 120 total hours.
- -Tiburon Uplands Nature Preserve- Paul, French broom removal, 10 total hours.

#### **Photos:**







Above- Volunteers remove trash from the edge of Corte Madera Creek for California Coastal Cleanup Day on September 15<sup>th</sup>, 2012. 63 Volunteers participated in the cleanup along Corte Madera Creek/Creekside Marsh/ Hal Brown Park at Creekside, among many other cleanup sites across the county.



Above- members of Greenbrae's Boy Scout Troop 59 supported Eagle Scout to-be Ryan Gumm with his eagle project on September 9<sup>th</sup>. The troop sheet mulched a large section of non-native harding grass, performed hand weeding, and installed drip tubing to 25 young native shrubs.







Above- Marin County Parks celebrated its truly incredible family of volunteers at McNears Beach Park during the annual volunteer recognition picnic on September 8<sup>th</sup>, 2012.

ADDENIDIV C 2. CTDEET CWEEDING	AND CATCH BASIN CLEANING REPORT
APPENDIA C-3. STREET SWEEPING	AND CATCH DASIN CLEANING REPORT

Curb Miss Swept Volume Collected (cy) Leaf Femorol (cy) Believedere  9 12 12 18 22 24 24 24 24 24 24 24 24 24 24 24 24	FY 2012-2013	City	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	Mav-13	Jun-13	TOTAL
Volume Collected (cy)   Elevedere   9   12   12   16   22   86   5. 6   7   9.5   14   9.6   10   13   13   13   13   15   15   15   15		•													282
Danatage System (org)   Behedere	Volume Collected (cy)	Belvedere									9.5		9.5	10	136
Little Removal (cy) Little	Leaf Removal (cy)	Belvedere	0.5	1	1.5		1.5	1	0.5	1.5	0.5	1	1	0.5	16
Curb Mides Swept Volume Collected (cy) Leaf Removal (cy) Cortic Madera 14 0.5 15 15 25 5 8 118 0.4 4 5.5 11 33 33 11 11 11 0.6 14 11 11 10 11 11 15 11 15 14 14 9 11 11 10 0.4 11 11 11 10 0.4 11 11 11 11 11 11 11 11 11 11 11 11 11	Drainage System (cy)	Belvedere	-	-	-		19		0.5	-	0.5	-	-	-	50
Volume Collected (cy) Leaf Removal (cy) Leaf Removal (cy) Corte Madera 10 14 11 16 6 13 15 15 14 9 11 11 11 6 4 6 4 13 13 133 Leaf Removal (cy) Corte Madera 14 3.6 42 5.2 12 10 26 22 73 27 2 1 1 144 Leaf Removal (cy) Corte Madera 16 0.5 0.5 0.3 0.35 0.2 0.3 0.5 0.5 0.4 0.4 0.3 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.4 0.4 0.5 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.4 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5											-			-	4
Leaf Removal (cy) Corte Madera  10 14 11 16 13 15 14 0 11 11 6 4 133  Corte Madera  10 0.6 0.5 0.3 0.35 0.2 12 10 20 22 73 2.7 2.7 2.7 2.1 144  (Courty of Marin-East Courty of Marin-Mest Courty of M															1,938
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Little Removed (cy) County of Marin-Rest Oblight System (cy) Clarings System (cy) Claring System (cy) Claring System (cy) Claring Syste															
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Drainage System (cy)   County of Marin-East							- 04				-		-		
Litter Removed (cy)  County of Mann-West 20 30 30 20 - 20 122  Volume Collected (cy) Leaf Removal (cy) County of Mann-West 10 20 20 20 10 - 10 72  Drainage System (cy) Cuth Miles Swept  County of Mann-West 100 - 150 200 400 300 400 450 350 250							25			- 6	4		-		65
Cuth Miles Swept County of Marn-West 20 30 30 30 20 - 20 112 Volume Collected (c) County of Marn-West 10 20 20 10 - 10 70 20 10 20 10 - 10 70 20 10 20 10 - 10 70 20 10 20 10 - 10 70 20 20 10 10 20 20 10						_	-	-	-		-		-		
Volume Collected (cy) Leaf Removal (cy) Leaf Removal (cy) County of Marin-West 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Volume Collected (cy) Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 350 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 450 250 250 2. Curb Miles Swept Leaf Removal (cy) Fairfax 100 - 150 200 400 300 400 450 450 250 250 250 250 250 250 250 250 250 2			-	-	-	20	30	30	20	-	20	-	-	-	120
Dianiage System (cy)   County of Marin-West   5   5   10   5   5   5   5   5   5   5   5   5	Volume Collected (cy)		-	-	-			20	10	-	10	-	-	-	70
Litter Removed (cry)  County of Marin-West  48 48 48 48 56 68 68 56 65 24 84 48 18 68 68 65 66 52 48 48 48 58 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 65 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 48 58 68 68 56 66 52 48 48 58 58 68 56 66 52 48 48 58 58 58 58 58 58 58 58 58 58 58 58 58	Leaf Removal (cy)	County of Marin-West	-	-	-	-	-	-	-	-	-	-	-	-	-
Curb Miles Swept (Volume Collected (y) Fairfax (A) 48 48 48 48 56 68 85 56 56 52 48 48 48 48 66 7 6.5 8 10 43 14 12 13 13 13 12 12 12 12 13 13 13 12 12 12 12 14 14 14 12 13 13 13 12 12 12 12 14 14 14 12 13 13 13 12 12 12 12 14 14 14 12 13 13 13 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14			100	-	150	200	400	300	400	450	350	250	-	-	2,600
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Leaf Removal (cy) Drainage System (cy) Litter Removed (cy) Larkspur Litter Removed (cy) Litter R															661
Drainage System (cy) Lifer Removed (cy) Fairfax 10 9 9 7 7 7 7 7 8 7 7 7 12 9 9 12 9 12 9 12 9 12 9 12 9 1	, , ,		6	7	6.5	8	10	43	14	12	13	13	12	12	157
Litter Removed (or)  Larkspur  Larks															
Curb Miles Swept						_							_		
Volume Collected (cy) Larkspur															
Leaf Removal (tons) Drainage System (cy) Lifter Removed (cy) Curb Miles Swept Volume Collected (cy) Volume Collected (cy) Mill Valley Drainage System (cy) Lifter Removed (cy) Curb Miles Swept Volume Collected (cy) Novato Drainage System (cy) Lifter Removed (cy) Ross Drainage System (cy) Lifter Rem	· ·	•													
Drainage System (10ns)		•													
Litter Removed (tons)  Larkspur  16  18  15  26  19  20  22  20  15  14  16  12  21  Curb Miles Swept  Mill Valley  93  168  152  143  175  196  199  20  22  20  15  14  16  12  21  17  18  18  19  19  20  22  20  15  14  16  12  21  17  18  18  19  10  11  15  20  23  33  35  37  31  483  1483  149	\ /	•	4.2	4.2								2.9	4.4	3.9	
Curb Miles Swept   Mill Valley   93   168   152   143   175   196   169   120   138   159   147   147   140   14		•	16	18								14	16	12	
Volume Collected (cy)															
Leaf Removal (cy)  Mill Valley  Drainage System (cy)  Mill Valley  Mil		-													493
Drainage System (cy)		-													79
Litter Removed (cy)				15	23	36	74	44	18	13				2	245
Volume Collected (cy)   Leaf Removal (cy)   Novato   12		Mill Valley	48	48	48	36	36	26	26	26	36	36	36	48	450
Leaf Removal (cy)   Novato   12   8   10   12   6   8   -	Curb Miles Swept	Novato			292									131	3,791
Drainage System (cy)	Volume Collected (cy)	Novato							248	176					1,721
Litter Removed (cy)	1 7 7														72
Curb Miles Swept   Ross   70   70   65   179   148   141   179   137   142   136   169   133   1,575				117		64	66	28					120	52	
Volume Collected (cy) Leaf Removal (cy) Ross				-		-	-						-	-	87
Leaf Removal (cy) Drainage System (cy) Litter Removed (cy) Ross	'														
Drainage System (cy)	, , ,														
Litter Removed (cy) Curb Miles Swept San Anselmo San Rafael S															
Curb Miles Swept         San Anselmo         132         143         132         214         227         202         132         132         144         131         144         132         1,863           Volume Collected (cy)         San Anselmo         45         53         50         127         183         141         57         54         46         48         62         62         928           Leaf Removal (cy)         San Anselmo         -         -         2         5         10         10         7         5         -         -         -         3         1         3         4         227         202         132         144         131         144         132         1,863         4         5         3         1         10         7         5         -         -         -         -         3         1         10         7         5         -         -         -         -         3         1         10         7         5         -         -         -         -         -         3         1         1         3         4         2         2         2         2         2         2         2															
Volume Collected (cy) Leaf Removal (cy) San Anselmo San Rafael Volume Collected (tons) San Rafael Leaf Removal (tons) San Rafael Litter Removed (cy) San Rafael Leaf Removal (cy) San Rafael															
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Drainage System (cy)   San Anselmo   6   5   3   1   3   4   22															39
Litter Removed (cy)  San Anselmo  6 5 3 3 1 1 3 4 22  Curb Miles Swept  San Rafael  Volume Collected (tons)  San Rafael  Leaf Removal (tons)  Drainage System (cy)  San Rafael  Litter Removed (cy)  Sausalito  225 285 263 287 262 255 304 301 284 308 295 285 3,354  Volume Collected (cy)  Sausalito  95 115 90 140 135 125 125 95 115 120 115 1,398  Drainage System (cy)  Sausalito  10 25 15 20 70  Litter Removed (cy)  Sausalito  8 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 6 6 8 62  Curb Miles Swept  Tiburon  72 98 82 69 95 79 54 81 66 51 56 64 866  Volume Collected (cy)  Tiburon  Ti															
Curb Miles Swept	0 , ( , ,			6	5			3		1		3	4		22
Leaf Removal (tons) Drainage System (cy) San Rafael Litter Removed (cy) San Rafael Litter Removed (cy) San Rafael  San Rafael  Litter Removed (cy) San Rafael  San	Curb Miles Swept	San Rafael		/////		/////									3,153
Drainage System (cy)   San Rafael	Volume Collected (tons)	San Rafael													733
Litter Removed (cy)         San Rafael           Curb Miles Swept         Sausalito         225         285         263         287         262         255         304         301         284         308         295         285         3,354           Volume Collected (cy)         Sausalito         95         115         90         140         135         125         125         95         115         120         115         1,395           Leaf Removal (cy)         Sausalito         30         20         20         35         35         30         45         35         30         35         40         40         395           Drainage System (cy)         Sausalito         - <td>, ,</td> <td></td> <td></td> <td></td> <td>/////</td> <td></td> <td></td> <td></td> <td></td> <td>/////</td> <td></td> <td></td> <td></td> <td></td> <td>5.7</td>	, ,				/////					/////					5.7
Curb Miles Swept         Sausalito         225         285         263         287         262         255         304         301         284         308         295         285         3,354           Volume Collected (cy)         Sausalito         95         115         90         140         135         125         125         95         115         120         115         1,395           Leaf Removal (cy)         Sausalito         30         20         20         35         35         30         45         35         30         35         40         40         395           Drainage System (cy)         Sausalito         8         8         4			////	/////		/////					/////			/////	217
Volume Collected (cy)         Sausalito         95         115         90         140         135         125         125         95         115         120         115         1,395           Leaf Removal (cy)         Sausalito         30         20         20         35         35         30         45         35         30         35         40         40         395           Drainage System (cy)         Sausalito         -	Litter Removed (cy)	San Rafael	////	/////	/////	////	/////		////	/////		////	/////		510
Leaf Removal (cy)     Sausalito     30     20     20     35     35     30     45     35     30     35     40     40     395       Drainage System (cy)     Sausalito     -     -     -     -     10     25     15     20     -     -     -     70       Litter Removed (cy)     Sausalito     8     8     4     86     86       Curb Miles Swept     Tiburon     72     98     82     69     95     79     54     81     66     51     56     64     86       Volume Collected (cy)     Tiburon     16     24     23     20     28     30     14     14     19     23     25     20     25       Leaf Removal (cy)     Tiburon     2     2     28     30     14     14     19     23     25     20     25       Drainage System (cy)     Tiburon     -     -     -     -     -     -     -     -     -     -     -     -<															3,354
Drainage System (cy)   Sausalito     - 10   25   15   20     - 70															
Litter Removed (cy)         Sausalito         8         8         4<			30	20	20	35					30	35	40	40	
Curb Miles Swept         Tiburon         72         98         82         69         95         79         54         81         66         51         56         64         866           Volume Collected (cy)         Tiburon         16         24         23         20         28         30         14         14         19         23         25         20         253           Leaf Removal (cy)         Tiburon         -	0 , ( , ,		- 0	- 0	-	- ,					-	- ,	-	- 0	
Volume Collected (cy)         Tiburon         16         24         23         20         28         30         14         14         19         23         25         20         253           Leaf Removal (cy)         Tiburon         Iburon															
Leaf Removal (cy)         Tiburon         -           Drainage System (cy)         Tiburon         -															
Drainage System (cy) Tiburon			10	24	23	20	20	30	14	14	13	23	23	20	
ILITTER REMOVED (CV) TITOURON TO THE TOTAL TO THE TOTAL		Tiburon													-

**Total Curb Miles Swept Countywide:** 

Total Street Sweeping Volume Collected (in cubic yards, does not include San Rafael):

Additional Leaf Removal (in cubic yards, does not include Larkspur and San Rafael):

Material Removed from Drainage System Cleaning Countywide (in cubic yards, does not include Larkspur):

Litter Removed (in cubic yards, does not include Larkspur):

26,461 7,308 733 734 46 4,410 48 1,287 211

<sup>\*</sup> San Rafael Total Street Sweeping Volume Collected (in tons):

<sup>\*</sup> Larkspur and San Rafael Additional Leaf Removal (in tons):

<sup>\*</sup> Larkspur Additional Material Removed from Drainage System (in tons):

<sup>\*</sup> Larkspur Additional Litter Removed (in tons):

D-1: List of 2012-2013 New Development Projects

#### APPENDIX D-1: LIST OF 2012-2013 NEW DEVELOPMENT PROJECTS

#### 2012-2013 New Development Projects in Progress (see note)

Municipality	Project Name	Location	Description	Development Footprint (SF)	Project Status	COA Complete d?	Site Design Features	Structural Source Controls	Stormwater Treatment Facilities	Guidance for Applicants Followed?	Responsible Party for Maintenance	O&M Agreement with Responsible Party?
Belvedere	None											
Corte Madera  County of Marin	None  Auditorium Parking Lot Improvements	10 Avenue of the Flags, San Rafael	Improvements to parking lot and sidewalk to include ADA compliance	17,545	Construction completed in 2013	Yes	Used 'Guidance for Applicants'. Main focus was to use bioretention facilities.	Minimize use of pesticides - based on County IPM ordinance	Runoff from all new impervious surface will be directed to correctly sized bioretention facilities	Yes	County of Marin	N/A - County operated
County of Marin	Sonnen Porsche Dealership	900 Redwood Hwy, Mill Valley	Addition to dealership	19,068	BP issued April 2013, under construction	Not yet	Maintain existing drainage patterns	No net increase to impervious area	None added	Yes	Owner	Yes
County of Marin	Bay Creek	650 North San Pedro Rd, San Rafael	Re-zone and Subdivide	No construction Plans	Board Approved, reso not yet recorded	Not yet	Limit Building footprint sizes, minimize grading - cluster development	Construction plans pending, use of Guidance Documents encouraged.	Infiltration pond, bioretention planters seasonal drainage facilities with buffers,	Pending verification	НОА	Pending
County of Marin	Balestreri Solar Farm	275 Olive Ave, Novato	Ground mounted Solar Panel site	0.97 Acres of Solar panels	Project approved, currently under appeal	Not yet	Maintain drainage patterns in flood zone	None	Natural drainage patterns maintained	Pending verification	Owner	Pending
Fairfax	Pastori Bridge	Pastori X Center	Stream Bank Restoration and outfall pipe	300	6/14/2012	Yes	Existing trees retained, grading minimized	Creek will be protected during construction by dewatering adjaycent area and relocating any fish	N/A	Yes	N/A	N/A
Fairfax	Fair-Anselm	733 Center	Steambank Restoration	19,200	6/26/2013	Yes	There should be no impact on stormwater quality, or downstream creeks	Creek will be protected during Construction	N/A	Yes	N/A	N/A
Larkspur	Rose Garden	279 Doherty Drive, Larkspur, CA 94939	Mixed-Use Residential	735,000	6/12/2013	Yes	Perimeter along creek to remain intact; heritage tree to remain; and shrubs and trees to be planted.	Trash and recycling bins to be used - covered; majority of roofs and street runoff will be captured and treated by Filterra tree filter inlets.	29 Filterra tree filters; 44 Bioretention swales.	Yes	Property owner	Yes
Mill Valley	None											
Novato	Rudnick Estates	Plum Street at Zandra Place & Sherwood Place	Residential Subdivision 24 lots	340,117	Construction	Yes	Avoiding steep slopes, clustering homes, avoiding sensetive areas, minimizing footprint	Grassy swales, detention pond basin.	Debris Basins.	Yes	Homeowners Association	No
Novato	Hanna Ranch Mixed Use	End of Rowland Blvd. at Vintage Ave.	New hotel, Office and Retail Buildings	136,500	Design	Yes	Avoiding steep slopes and sensitive area. Include on site treatment part of site design.	Project proposes to incorporate pervious paving, efficient landscaping, bioretention swales, rip rap energy dissipaters based upon completion of a Storm Drainage and Hydraulic study.	Pervious paving, efficient landscaping, bioretention swales, rip rap energy dissipaters, other features to be determind.	Yes	Property Owner	No
Novato	Canyon Green Homes	Hill Rd. at Canyon	25 Single Family Homes	196,971	Construction	Yes	Avoiding steep slopes and sensitive area. Include on site treatment part of site design.	Raingardens, Biofiltration Swale & Graded Swale	Raingardens & Biofiltration Swale	Yes	Homeowners Association	No
Ross	None											
San Anselmo	20 Ancho Vista	20 Ancho Vista	Swimming pool	1,500	Pre-gunite inspection	No	New retaining wall to prevent soil run off, existing trees retained	Site is highly vegitated	None	Yes	Property owner	Yes
San Anselmo	136 Calumet	136 Calumet	500 square foot addition to a residence	500	Wallboard	No	Perimiter drainage to detension pit	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	21 Forest	21 Forest	New dwelling	3,000	Wallboard	No	detension pit, and percilater pit (bubbler)	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	18 Grove Lane	18 Grove Lane	New dwelling	3,200	Wallboard	No	Perimiter drainage and detension pit	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	129 Madrone	129 Madrone	New dwelling	3,500	Wallboard	No	Perimiter drainage and detension pit	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	89 Melville	89 Melville	Major remodel, addition	4,000	Slab	No	Perimiter drainage and detension pit	BMPS will be in place by October 15th. Project just began	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	269 Redwood	269 Redwood	600 squar foot addition	600	Foundation	No	Retaining wall drainage and BMPS	BMPs are in place	No	Yes	Property owner	No, byunt/wyild;by final

#### 2012-2013 New Development Projects in Progress (see note)

Municipality	Project Name	Location	Description	Development Footprint (SF)	Project Status	COA Complete d?	Site Design Features	Structural Source Controls	Stormwater Treatment Facilities	Guidance for Applicants Followed?	Responsible Party for Maintenance	O&M Agreement with Responsible Party?
San Anselmo	194 Scenic	194 Scenic	New dwelling	3,400	Gas test	No	detension pit, and heavily vegitated landscape	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	The big retaining wall on Drake	790 Sir Francis Drake	9,689 Square foot office building	9,689	Slab of upper floor	No	Bioretention pit, Major uphill drainage completed	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	160 Sturdivant	160 Sturdivant	5,000 dwelling remodel	5,000	Piers	No	detension pit, and perimeter drainage	BMPs in place	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	The abatement house	122 Sycamore	3,000	3,000	Permit just issued	No	Detension pit and perimeter drainage	None yet	Yes, one for rain fall	Yes	Property owner	No, but will by final
San Anselmo	20 Vineyard	20 Vineyard	Single family dwelling	4,400	finaled	Yes	bioretension at the front retaining walls	Highly vegitated	Yes, one for rain fall	Yes	Property owner	Yes
San Rafael	Kaiser Parking Garage	111 Montecillo Rd	New parking structure and modification to existing stucture	approx 30,000 sq ft	Construction completed	Yes	Bioswales included	No	No	No	Kaiser	No
San Rafael	Lincoln Mews	1515 Lincoln Ave	Construction of 24 unit townhome project	approx 31,000	Construction completed	Yes	No	No	No	No	Owner	No
San Rafael	33 North	33 San Pablo Ave	Construction of 82 unit condominium	1.9 acres	Construction completed	Yes	Bioswales and bioretention device installed	No	Yes	Yes	Owner	No
San Rafael	Target	125 Shoreline Pkwy	Construction of new Target Store	approx 15 acres	Construction continuing	Yes	Bioswales and bioretention device installed	No	Yes	Yes	Target	Agreement being developed with the City
San Rafael	Untermann Land Division	190 El Camino	Subdivision of 6.24 acre hillside site into 2 lots. New 3.0 acre lot would have building envelope of 1.0 acre for development of new house	1 acre	Design Review approved 6/4/12. Building Permit not yet submitted	No	No	No	No	No	Owner	No
Sausalito	105 Crescent	105 Crescent	Detention Basin	3,800	Permit issued 7/26/2013	No	Existing trees retained, grading minimized		Detention Tank	Yes	Property owner	No
Tiburon	110 Gilmartin Drive	110 Gilmartin Drive	Construction of new single family dwelling	133,600 SF	Project under construction	Ongoing	Footprint of house and improvements similar to previous house and improvements on site.	Trucks and equipment are washed before transportation off site, materials are covered & stored for a minimum time and dumpsters are covered.	Numerous landscaped planters throughout site.	Contractor and Property Owner.	Yes, property owner	Planning states none were listed in the Condtions of Approal. Project is ongoing.
Tiburon	Ned's Way Facility	Dairy Knoll (formally the 600 Ned's Way)	Recreation Center and offfices.	Building will be 4800 SF. Site is 2 acres.	Ground Breaking scheduled for June 18, 2012. Completion in August 2013.	Ongoing	Nine mature Oak trees to remain on site. Broom eradecation plan inplace to ensure native plants take hold.	Dumpster area drains to sanitary sewer.	Rock outfall (bio swale) located at end of parking lot (low end) lined with geotextile, 6" - 10" of cobble stone, 4" wide by 15" long and drains into a detention basin.	Contractor during construction, then the Town.	Yes, Town maintenance staff	Town maintenance staff will maintain the site.
Tiburon	Lyford Drive Parking Lot	Tiburon Blvd. at Lyford Drive.	48 stall parking lot with small plaza to include lighting, benches and landscaping.	65,820 SF	Project complete	Yes	Contractor implemented a water pollution control plan to include BMP's for source/sed. control	Exposed landscape was treated w/erosion control (hydroseed, straw/tackifier). D inlets treated/prevent erosion.	A grass lined earthen swale is included in the project design which will allow for bio-filtration of stormwater before entering drains.	Contractor during construction, then the Town.	Yes, Town maintenance staff	Town maintenance staff will maintain the site.

Notes: This table was compiled from municipality responses to a request for information on projects in design review, approval, or construction during 2012-2013 that were subject to 2003 Phase II Stormwater permit post-construction requirements. Each project listed meets one of the following criteria:

2

9/17/2013

Subdivisions with 10 or more lots

<sup>•</sup> Parking lots adding 5,000 square feet or more impervious surface or adding 25 or more spaces

Auto Repair Shops

Retail Gasoline Outlets

Commercial (100,000 square feet or larger)

Other projects selected due to significant ongoing, post-construction stormwater pollution potential

#### **APPENDIX E**

E-1: Central Marin Sanitary Agency (CMSA) Multi-jurisdictional Business Inspections
E-2: Certified Unified Program Agencies (CUPA) Countywide Business Inspections
E-3: Marin County Environmental Health Services (EHS) Countywide Business Inspections
E-4: Self-Inspection Checklist for Business Owners

## APPENDIX E-1: CENTRAL MARIN SANITARY AGENCY (CMSA) MULTI-JURISDICTIONAL BUSINESS INSPECTIONS



1301 Andersen Drive, San Rafael, CA 94901-5339

Phone (415) 459-1455

Fax (415) 459-3971

www.cmsa.us

June 24, 2013

Terri Fashing Dept. of Public Works MCSTOPPP 3501 Civic Center Dr. San Rafael, CA 94901

Dear Ms. Fashing;

Sanitary District No. 1

Within our service areas, the Central Marin Sanitary Agency (CMSA) implements a Pretreatment Program to reduce the pollutants discharged into sanitary sewers by industries; and, a Pollution Prevention Program to go beyond the Pretreatment Program in reducing discharge of problem pollutants to the sanitary sewer. These programs are implemented through various CMSA permit programs which include inspections of permitted businesses and industries. Basic and in-depth stormwater inspections are incorporated into these routine business inspections and stormwater issues are reported to local stormwater coordinators, who perform necessary outreach and enforcement. Under an agreement with the City of San Rafael, CMSA staff may issue City citations for violation of the City's Stormwater Ordinance. The agreement specifies that CMSA responsibility/authority is limited to events related to facilities that CMSA is regulating with sanitary wastewater permits, Best Management Practices (BMPs) or self-certifications. 800-SAV-R-BAY hotline responds to county wide stormwater complaints and also refers callers to the appropriate stormwater authority.

Fiscal year 7/1/12 through 6/30/13 stormwater inspection results are as follows:

Central Marin Sanitary Agency staff conducted basic stormwater inspections at auto repair shops or related facilities such as commercial car wash and rental car businesses. The number of businesses inspected, citations issued, and referrals to stormwater coordinators are listed below:

Area where Business is Located	Number of Inspections	Number of Citations	Number of Referrals
San Rafael	144	1	2
Corte Madera	15		1
Fairfax	10		0
Greenbrae (unincorporated Marin County)	11		0
Larkspur	6		0

City of Larkspur





Terri Fashing June 24, 2013 Page 2

Businesses under our Industrial/Commercial permits received in-depth stormwater inspections as follows:

Area where Business is Located	Number of Inspections	Number of Citations	Number of Referrals
San Rafael	18	0	0
Corte Madera	3		0
Larkspur	1		0
San Anselmo	2		0

Six dry cleaning businesses that use Tetrachloroethylene and Trichloroethylene as dry cleaning solvents received basic stormwater inspections as follows:

Area where Business is Located	Number of Inspections	Number of Citations	Number of Referrals
San Rafael	3	0	0
Corte Madera	0		0
Fairfax	1		0
Larkspur	1		0
San Anselmo	1		0

The CMSA Fats, Oil and Grease (FOG) Program includes inspections of grease recycle bins at food facilities/restaurants. The objective of this program is to reduce clogging of sanitary sewers and overflows to storm drains. In FY 12-13, CMSA conducted the following inspections:

Area where Business is Located	Number of Inspections Conducted
City of San Rafael	276
Ross Valley San District Service Area (Fairfax, Greenbrae, Kentfield, Larkspur, Ross and San Anselmo)	71
Town of Corte Madera	54
Tamalpais Community Services District (Mill Valley)	15

If you have any questions, don't hesitate to contact me.

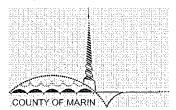
Sincerely,

Robert Cole

Environmental Services Manager Central Marin Sanitation Agency



## APPENDIX E-2: CERTIFIED UNIFIED PROGRAM AGENCIES (CUPA) COUNTYWIDE BUSINESS INSPECTIONS



## **INTEROFFICE MEMORANDUM**

DEPARTMENT OF PUBLIC WORKS

DATE:

May 15, 2013

TO:

Terri Fashing, Stormwater Program Administrator

FROM:

Steve Devine, Program Manager

RE:

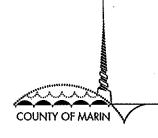
Marin County Certified Unified Program Agency (CUPA) Business

Inspections

In order to assist the Marin County Stormwatar Pollution Prevention Program's (MCSTOPPP) effort to mitigate impacts to stormwater from commercial and industrial activities, the Marin County Certified Unified Program Agency (CUPA) referred all potential storm drain and/or runoff concerns witnessed during our regular inspections conducted July 1, 2012 through June 30, 2013.

Additionally, during inspections, CUPA inspectors also check for proximity of storm drains to garage bay doors and recommend that contingency plans be in place in case of spills.

## APPENDIX E-3: MARIN COUNTY ENVIRONMENTAL HEALTH SERVICES (EHS) COUNTYWIDE BUSINESS INSPECTIONS



# ENVIRONMENTAL HEALTH SERVICES DIVISION

July 5, 2013

Ms. Terri Fashing Department of Public Works Marin County Stormwater Pollution Prevention Program 3501 Civic Center Dr., Room 304 San Rafael, California

#### Dear Ms. Fashing

For fiscal year 7/1/12 through 6/30/2013, Environmental Health Services staff conducted routine site inspections countywide at 1536 food facilities, 547 commercial swimming pools, and, 688 housing facilities. Inspectors routinely look for potential and actual non-stormwater discharges to storm drains and a checklist item (#22) is used to track non-stormwater discharges in our "Official Inspection Report".

Of the 1820 total routine site inspections conducted county-wide, 0 case(s) was/were reported to the Marin County Stormwater Pollution Prevention Program or to a Local Stormwater Program. It is, by the way, standard operating procedure to contact local stormwater coordinators when we encounter an illegal stormwater discharge in the field.

If you have any questions, don't hesitate to call me at 473-6907.

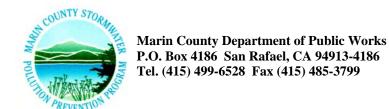
Sincerely,

David Smail, Supervising R.E.H.S.

Dave for

Marin County Environmental Health Services

415-473-6916



# **Self Inspection Checklist For Business Owners**

**DIRECTIONS:** Complete the following checklist while surveying your facility. If you answer "no" to any of the questions, initiate appropriate best management practice(s) (BMP) to prevent pollutant discharge into the storm drain system. For assistance on BMPs, contact your local stormwater inspector (name) at 499-3748.

		Yes	No	N/A
1.	Are <b>storage containers</b> including drums, waste dumpsters and/or trash compactors:			
	free from crack/leaks?			
	have lids or covers that are kept closed?			
	not exposed to rain water?			
2.	Are <b>storage areas</b> enclosed or covered from the rain?			
3.	Are <b>material processing or handling areas</b> enclosed or covered from the rain?			
4.	Are <b>parking areas or access roads</b> free of signs of excessive oil and/or motor fluids, leaks, stains, litter, and sediments?			
5.	Are <b>vehicle repair and maintenance areas</b> covered or out of the rain?			
6.	Are <b>vehicles and heavy equipment</b> stored outside, free of leaks and grime?			
7.	Are <b>spills</b> in fuel or vehicle/equipment maintenance areas prevented from entering the storm drain system?			
8.	Are <b>dry cleaning methods</b> (for example, sweeping, damp mopping, absorbents) used to clean:			
	shop floors?			
	material processing areas?			
	material storage areas?			
	waste disposal areas?			
	access roads?			
	parking lots?			
9.	Are all <b>washwater and/or process wastewater</b> discharged to the sanitary sewer or recycled instead of discharged directly or indirectly to the storm drain system?			
10.	Are storm drain <b>inlets and catch basins</b> inspected and mechanically cleaned on a regular schedule?			
11.	Are waste products from <b>rooftop equipment</b> (for example, oil and grease from exposed motors/pumps or other rooftop equipment) not exposed to stormwater runoff?			

N/A: Not Applicable

The Marin County Stormwater Pollution Prevention Program gratefully acknowledges the Alameda Countywide Clean Water Program for the original concept and text of this brochure.

### **APPENDIX F**

F-1: Our Water – Our World (OWOW) Outreach and *Choose a Bay-Friendly Landscaper!* Flyer
F-2: Oil Payment Program (OPP) Outreach

F-3: Cigarette Eater Meter Launch Flyer and News Release

## APPENDIX F-1: OUR WATER – OUR WORLD (OWOW) OUTREACH AND CHOOSE A BAY-FRIENDLY LANDSCAPER! FLYER

# Keep Pesticides Out of Streets and Creeks!

Pesticides can wash off lawns and gardens and enter storm drains. All storm drains go directly to local creeks and the Bay.

If you *must* use a product to manage a home or garden pest, choose one that is the least toxic to people, pets and the environment. The tag shown below will help you do just that! Look for this tag, placed under less toxic pest control products, at stores listed in this ad.



name of product shown here

Less toxic to people and pets!



The following stores partner with local municipalities in a program called **Our Water - Our World**, designed to help you make more informed choices when selecting products to manage pests.

### **Southern Marin**

Bayside Garden Center 435-0041

Goodman Building Supply 388-6233

Sloat Garden Centers E Blithedale

388-0102 Miller Ave 388-0365

### West Marin

Toby's Feed Barn 663-1223

### **Central Marin**

Fairfax Lumber & Hardware 453-4410

Jackson's Hardware 454-3740

Marin Ace Hardware 479-9393

Orchard Supply Hardware 453-7288

Sloat Garden Centers Lincoln Ave 453-3977

Sir Francis Drake 454-0262

### **North Marin**

Pini Ace Hardware 892-1577

Sloat Garden Centers 897-2169

#### **Central Marin**

Sunnyside Nursery 453-2701

The Home Depot 458-8675



### Learn more: www.OurWaterOurWorld.org

Find the "Ask the Expert" feature and get a FREE customized response to your pest-related questions.

Brought to you by Marin County Stormwater Pollution Prevention Program (MCSTOPPP)

www.mcstoppp.org



For more information, call 415-473-3202 or email mcstoppp@marincounty.org



☐ PROOF O.K. BY:	□ O.K. WITH CORRECTIONS BY:

PLEASE READ CAREFULLY • SUBMIT CORRECTIONS ONLINE

IJ-0004852503-01.INDD (100%)

ADVERTISER: MARIN COUNTY STORM WATER

SALES PERSON: Kim Staff

NEXT RUN DATE: 05/22/13

SIZE: 3 X 10.5

PROOF DUE: 05/21/13 22:29:55

PUBLICATION: IJ-Marin IJ

PROOF CREATED AT: 5/21/2013 1:20 AM

### Keep Pesticides Out of Streets and Creeks!

Pesticides can wash off lawns and gardens and enter storm drains. All storm drains go directly to local creeks and the Bay.

If you must use a product to manage a pest, look for one with this tag placed beneath it on store shelves:



name of product shown here Less toxic to people and pets!



This tag will help you identify products that are less toxic to people, pets and the environment.

### Find Participating Stores at: www.OurWaterOurWorld.org

The website also allows you to "Ask the Expert" and get a customized response to your pest-related question



□ PROOF O.K. BY:	☐ O.K. WITH CORRECTIONS BY:	
PLEASE READ CAREFULLY • SUBMIT CORRECTIONS ONLIN	E	

### IJ-0004877252-01.INDD (100%)

ADVERTISER: MARIN COUNTY STORM WATER

PM

SALES PERSON: Kim Staff NEXT RUN DATE: 06/29/13 SIZE: 2 X 4.88 PROOF DUE: 06/28/13 09:59:55 PROOF CREATED AT: 6/6/2013 5:25



### CHOOSE A BAY-FRIENDLY LANDSCAPER!

Bay Friendly Landscaping is a holistic approach to landscaping that fosters soil health and conserves water and other valuable resources while reducing waste and preventing pollution. **Marin County Stormwater Pollution Prevention Program** has been offering a 20-hour Bay-Friendly Landscape Maintenance Training and Certificate Program for landscape professionals since 2008.

The following **companies have one or more professionals on staff** who have graduated from the Bay-Friendly Training in Marin and can help ensure a landscape that protects our creeks, ocean and San Francisco Bay!

Alsha Nichole Fine Gardening 415-658-5650

Ann Joseph Consulting 707-373-9611

April Philips Design Works, Inc. 415-457-2774 www.apdw.com

**Art Gardens** 415-519-0201

AvidGreen Fine Landscaping, Vineyards and Backyard Farms 415-461-8477

www.avidgreen.com

Barbara Huntingdon Landscape Design 415-297-6401 www.huntingdondesign.com

Bay-Friendly Landscape & IPM Consulting and Training 415-454-9615

Bertotti Landscaping 707-559-7077

Buchholz Landscaping Company, Inc. 415-259-0325

www.gardenbuilders.com

Cagwin and Dorward

www.cagwin.com
Checo's Gardening

1-800-891-7710

415-388-9067

Civic Center Landscapes

415-929-9017 Clean Air Lawn Care

415-602-5296 www.cleanairlawncaresanfrancisco.com

Coast Landscape Mgmt. 707-251-8872 www.coastlandscapemanagement.com

Coffey Landscape 415-455-1003 Coleman Cosby Landscape Design & Installation 415-606-7993 www.cosbylandscapes.com

Dig Your Garden Landscape Design

415-453-8591 www.digyourgarden.com

**DK Landscaping** 707-280-3632 www.dklandscaping.com

**DriWater** 707-588-1444

**Doniel Ellis Designs** 415-637-3941

**Earthscapes** 415-531-8499 www.earthscapeslandscape.com

Edger Landscape Design 415-328-7772

**Equinox Landscape** 415-456-6480 www.equinox-landscape.com

Fairfax Lumber & Hardware 415-453-4410

Farias Garden Service, Inc. 415-479-8301

Favorite Gardens 415-686-1987

www.favoritegardens.com
Firma Design Group

707-792-1800 www.firmadesigngroup.com

Flora & Fauna Landscaping 415-847-4520

Flora Shanti Gardens 415-331-2663 www.florashanti.com

Forester Landscaping

415-381-0740 www.foresterlandscaping.com Frederick S. Sommers Landscaping/Irrigation 415-608-7015

**Galvan Landscaping** 415-755-8117

**Gardening By Nature's Design** 510-501-0243 www.gardeningbynaturesdesign.com

**Gardens & Gables** 415-499-0331 www.gardensandgables.com

**Garden Guidance** 415-846-0190 www.garden-guidance.com

Gardeners Guild, Inc. 415-457-0400 www.gardenersguild.com

Garth's Gardens 415-505-7034 www.aarthsaardens.com

Gillian Bolter Fine Gardening

415-407-0224 **Goldsmith Garden** 415-830-1799

Gonlo's Great Gardening 415-233-3146

Good Dragon Landcare 415-446-8550

Green Door Design 415-300-7411

Green Monster Gardens 510-914-6653

Green Roots Design 415-994-7251

415-794-7251 www.greenrootsdesignstudio.com

Green Visions Landscape Design Studio 415-895-1975

www.greenvisionsdesign.com **Greendale Gardens**415-450-0100

**H & H Garden Service** 415-300-6586 www.hnhgardenservice.net Hamlin Landscape & Irrigation 415-479-0701

**Heritage Landscapes** 415-458-8151 www.heritagelandscapes.net

**Hines** 415-533-7631

Integrated Landscape Services, Inc. 415-378-0644

**Iris Landscaping Inc.** 415-720-4808 www.irislandscaping.com

Janscapes Landscape Designs 415-302-3619

Jasmin Landscape 415-382-0385

J Mora Landscaping Services 415-250-0506

Joan Hasselgren Healing Gardens 415-351-9751

**Kaiser Gardens, Inc.** 415-699-7423

www.kaisergardens.com

**Kent Johnson Landscaping Inc.** 415-388-1056

**Linda's Landscape Design & Pruning** 415-846-8810

**Lisa Canepa Garden Design** 415-515-2418

Linda J. Novy & Associates 415-457-5268

Marizco Landscape Management 415-584-9100

415-584-9100 www.marizco.com North Bay Landscape

Management, Inc. 707-762-3850 www.northbaylandscape.com O'Connell Landscape

415-462-9729 www.oclandscape.com

Olivotti Landscape 415-819-1939 www.olivottilandscape.com

**Organic** 415-482-0184 www.organicgardenservices.com

Pacific Landscapes 707-829-8064 www.pacificlandscapes.com

Pedersen Associates, Inc. 415-456-2070 www.pedersengssociates.com

Plannedland 415-420-9128 www.plannedland.com

Quinn's California Landscapes 415-246-2380 www.quinnslandscapes.com

**Ronald K. Omori** 415-699-8002

**Ronald Omori** 415-699-6008

**Roth LaMotte** 415-451-8211

Sacred Space Gardens 415-412-4159 www.sacredspacegardens.com

Scandia Landscaping 707-996-7298

S. Jordan Landscaping & Design 415-331-8616

Shades of Green Landscape Architecture 415-332-1485

Simmonds & Associates Landscape Architects 415-460-0460 www.simmonds-associates.com Terra Cognita Design & Consulting

707-695-9360 www.TerraCognitaLandscape.com

**Terra Ferma Landscapes, Inc.** 415-929-0333 www.fflandscapes.com

**Terrasophia** 415-306-6618 www.terrasophia.com

**The Land Collaborative** 415-272-3284 http://thelandcollaborative.com

**Tigerlily Gardens** 415-218-3037 www.tigerlillygardens.com

U Chang Shim Garden Design 415-892-8364

**Urban Flora Design** 510-612-0639

**Vaca Landscape** 415-847-7332

ValleyCrest Companies 925-924-8900 www.valleycrest.com

Wave Hill Irrigation & Landscaping 415-408-8301

Yarish Landscape Consulting 707-779-9012

### **Public Agencies**

City of Rohnert Park
City of San Rafael
Marin County Parks
Marin Municipal Water District
Reed Union School District
Solano Community College
Town of Ross



Visit us in the lobby of the Exhibit Hall and get free information on solving pest problems without toxic chemicals.

Learn more at www.mcstoppp.org or call 415.473.3202.

Bay-Friendly maintenance training is funded by Marin County Stormwater Pollution Prevention Program and Marin Municipal Water District.



# "The Family Car" ESL Lesson on Used Oil Recycling Report FY 2012-2013 Marin County



During FY 2012-2013, we received class records documenting eight classes in Marin County. All of the students in the classes were adult ESL learners and the classes were taught through College of Marin programs. A total of 119 students participated in the classes. The classes were taught to beginning and intermediate level students.

Ten languages were spoken by students in the classes, including Portuguese, Spanish, Russian, Polish, Hindi, French, Farsi, Cambodian, Chinese and Ukrainian.

83% of the student had cars, and 63% of all students reported that they or someone in their household changed their own oil. This is well over three times the state average for DIYer households.

The feedback from teachers and students was very positive. Here are some excerpts from class record forms filled in this year by the teachers in Marin County:

- "The students always love this lesson and are always engaged. They even asked for extra copies."
- > "Best ESL lesson I ever teach!. Good subject, geared well for non-native speakers."
- > "Great materials that never fail. Well thought out. Wish all ESL materials were this well done."
- "I always use this lesson at the beginning of the semester as an ice breaker. Everyone enjoys talking about their cars."

More information on the program is available at <a href="https://www.thefamilycar.info">www.thefamilycar.info</a>.





# Marin County Workshops Promotores Verdes Marin One-Year-Project (September 2011-October 2012)

### Background

The idea of presenting a series of Spanish environmental workshops in Marin County came up after a group of agencies received a grant from the Marin Community Foundation to train groups of *promotores* in eight key subject areas. This included environmental awareness, specifically focusing on toxics and used motor oil. Each one of the agencies that received moneys from this grant are to train a group of 8 *promotores* on issues related to a specific topic. The local Parents Service Project (PSP) of San Rafael; for example, will focus on providing training to their group focusing on healthy eating.

For a year, the group of new recruited *promotores* were educated and informed on a specific subject so that in turn they can go out and do outreach in their communities. They met every month to learn a specific area on the topic and then they practiced what they learned, by sharing the information. The *promotores* received a small monthly stipend; which will at least cover their gas expense. Although it is not much, the *promotores* are very happy and truly enjoyed working in their communities.

The *Promotores Verdes* Group recruited eight people that met every month to get information and education. Each meeting included a 30-minute workshop/presentation focusing on toxics; which included general information and specifics on local resources, programs and the different toxics at home, work etc. They asked Hugo Mata from C2 Alternative Services to provide these workshops. Hugo's time was funded in part by the Marin County Stormwater Pollution Prevention Program (MCSTOPPP). Workshop resources included pamphlets provided by MCSTOPPP, which played a big part in promoting used motor oil recycling and water pollution prevention.

The first meeting took place December 5, 2012 at the Novato Youth Center. It mostly focused on the logistics of the program, reporting and questions and answers from the 8 new *promotores* and the *Promotores Verdes* Group. The following calendar provides information on the different dates they met and the topics and information they received.

### Training Calendar December 2011-October 2012

- **December 12, 2011** Logistics (Program explanation, expectations, paperwork, activities and reporting).
- January 9, 2012 General Household Toxics and resources for proper collection in Marin County.
- **February 13, 2012** Household Toxics that end up in the garage (paint, motor oil, fluorescents, batteries etc.)

- March 12, 2012 Household Toxics inside the house (Identify and take action, how and where to properly dispose of them).
- April 16, 2012 Toxics in our food (pesticides, herbicides etc.) Making right and informed choices.
- May 14, 2012 Using other cleaning eco-friendly (Alternatives)
- **June 24, 2012** Toxics that we have at home that can go BOOM! (some of them are being used by our children)
- July 9, 2012 Water Pollution Prevention and Conservation
- August 13, 2012 Used motor oil and filters (why, how and where to recycle properly)
- **September 10, 2012** Proper disposal of Medications, cosmetics and other toxics. (avoiding water and soil pollution)
- October 8, 2012 Summary of all topics and presentations from each promotor on what they learned, things they worked on and future goals as a Promotor Verde.

The second meeting; which took place January 9, 2012, they got an overall view of the toxics we have at home and its proper disposal in Marin County. During this meeting they discussed things that people usually have at home and that for some reason they always end up being piled up or forgotten in the garage, the tool shed, the back yard or sometimes under the sink or other areas around the house.

Part of the training also included ways to handle them, the importance of keeping them out of our waterways and things they all can do to promote this information in their immediate communities. Many of them mentioned places (church groups, PTA's and other meetings) where they could share the information. One of the *promotores* is taking it upon herself to go to every resident at her apartment complex and talk to them about the subject.

For the third meeting on February 13, 2012, we covered information on Toxics, specifically on toxics that we have in the garage or that end up in the garage. This included electronics, batteries, cleaning supplies, paint, fluorescents, motor fluids and other wonder materials. They also mentioned other materials that are not necessarily toxic, but that make the area a little dangerous where accidents can happen at any time (piles of stuff, small areas to walk on etc.)

The *promotores* came up with a list of toxics we all have at the house. They were all surprised to find out how many things we have and that we really don't need. They will use this list as part of their outreach; it will be like a check list for people to do an inventory of what they have and when they will properly dispose of them.

For the month of March, the meeting took place on March 12, 2012. This time the focus was on Household Toxics that people commonly use inside the house. We explored each room in the house starting with the living room

and came up with a list of things people use for cleaning, decorations, air fresheners, lighting etc. It was amazing to read list for each room.

We then moved into finding other ways in which people could use other more green and environmentally friendly products that could be cheaper and non toxic to their health. At the same, we talked about the best practices to collect them properly and how to take them to a household toxics collection center in Marin County.

April's meeting took place on April 16, 2012 and focused on the program "Food Matters"; which provided an insight on how truly organic is organic food. I did a presentation on pesticides, herbicides and other toxics that many companies used when growing our food; the title of the presentation is called "Toxics in Our Food, what to do and how to buy it and smartly eating"

For some of the *promotores* this was an eye opener as they never thought about fertilizers or pesticides being used to grow our food. It also never occurred to them that many of these toxics make their way to our waterways where they contaminate even more.

During May's meeting; which took place on May 14th, we talked about alternative products we could use to keep the house clean and with a nice fresh smell. This was a good topic for the *promotores*; they came up with a list of things they are already using and other things they have learned.

One of the *promotores* works with a cleaning program that uses environmentally safe cleaning products and did a small presentation on how to clean the floors and other surfaces using a steam machine. It was a pretty good way to get the *promotores* thinking of other ways to clean the house without utilizing toxic cleaners or candles and oil burners to make the house smell fresh etc.

For June's meeting; which took place on June 24th, we talked about many products that we have at home that could have an explosive reaction if we do not handle them with care. Many of these reactions could be a combination of things they already have at home and that for some reason end up stored really close to each other. We looked at a few YouTube videos that provided examples of such items that we have at home and that in many cases we can even drink and eat.

One good sample was the combination of Mentos with soda pop. Often, many teenagers combine these two items to get a thrill watching the explosion caused by the gas accumulated in the sealed bottle. We also watched another video with kids breaking fluorescents tubes on each other and in some cases using them as swords in a simulated sword fight. It was a good eye opener for many of them as then never thought their kids could do something like that.

July's training was dedicated to promote Stormwater Pollution prevention and water conservation. This meeting took place on July 9th. This day the

promotores learned why it is important to keep pollutants out of our waterways. Part of the training included the watershed, common pollutants, things that we all can do to prevent water contamination and resources available in the County.

They were all given pamphlets, flyers and other resources provided by Marin County Stormwater Pollution Prevention Program (MCSWPPP). Information in these materials was included in the training, so it made a lot of sense for them to take home and use them as resources they could share with others.

For the month of August, the training was a follow-up on Stormwater Pollution prevention, but we made emphasis on used motor oil and filters. It took place August 13th and was almost completely dedicated to inform the promotores on the importance of proper recycling of used motor oil and filters. They learned the law to recycle the used motor oil. They also learned some statistics on water contamination by motor oil, making sure the filter also gets recycled and the resources (certified centers) available in the county.

A few of the *promotores* live in multifamily complexes, so one of them mentioned that he has personally seen oil containers and filters left next to the garbage bin. He will share the information with other tenants, especially those Do-It-Yourself Oil changers. He will also leave information in the laundry room.

September's training was also part of the follow-up on the topic of water pollution prevention, but this time we focused on unused medications, creams, make up etc. The meeting took place September 10th. Part of this training included information on the importance of keeping medications, and other toxics away from our waterways.

Disposing of unused, expired and/or unwanted medications in the toilet or tossing them in the garbage is a common practice, so part of the training included the proper ways to properly collecting them. They were given a list of all the places in Marin County that currently take back expired and/or unwanted medications. They were advised to take their control substances to the police department and were given the phone numbers and addresses of all the centers in order for them to call before bringing their medications.

Some of the *promotores* had mentioned some incidents from people using some face creams and make up that apparently had been found to have high levels of mercury and were wondering what they could do. We found all the information and shared a few things they could do to prevent from getting these products that many times come from other countries without being inspected by the USDA. These produces make their way here by relatives, friends or other people.

The final meeting took place October 8<sup>th</sup>. We summarized all the topics covered in the last year and the *promotores* prepared a presentation on their overall experience and future goals as *Promotores Verdes*. During this meeting, each *promotor* presented some of the things they learned and how they put in practice some to things that were mentioned at each of the trainings. They

also talked about their interest to continue outreaching the community to promote a clean and healthy environment.



everyone is able to read it.

One of the *promotores* that happens to live in a multifamily complex mentioned that after the second training, she approached the manager of her complex to ask for recycling and yard debris collection. After a few months her persistence paid off. They now have solid waste bin, a recycling bin and yard debris bin. She constantly monitors what goes in each one of them and talks to her neighbors or leaves information at the laundry room where

Another *promotor* mentioned some changes they now do at his place of work where they used to use pure bleach to clean. He suggested the used of only the appropriate amount of bleach and still be able to get the work done. He seemed pretty proud of this accomplishment as there was a lot of resistance from some of his coworkers. They believed that using good amounts of pure bleach was the only way to get clean their areas. Apparently they used to use gallons of bleach each week.

This meeting was a pretty special one for all the promoters as they also were given a certificate of completion by the office of 4th District Supervisor Steve Kinsey. Supervisor Kinsey's Aid, David Escobar, attended the meeting and proudly presented them with this recognition.









# CANAL HEALTH & SAFETY DAY 2012 Binational Health Week Event Bahia Vista Elementary School Saturday, October 7<sup>th</sup> (10am-2pm)

Once again, we had the opportunity to conduct outreach to the Community of Marin County during the Canal Health and Safety Day. This yearly event is put together by an initiative between California and Mexican community agencies that get together in order to bring health, community and other important information to the public in general. This event is known as the Binational Health Week. This year the event took place October 8<sup>th</sup> at Bahia Vista Elementary School in San Rafael. As in last year's event, we had the opportunity to work side by side with the group of *Promotores Verdes*.

Attendance was lower this time around. Organizers for this event estimated that about 500-600 people attended the event throughout the day; where many of them were able to get their free flu shot. The number of agencies that participated in this event was also lower. Some reason for this decline in community participation has to do with the budget crisis that has affected most of the agencies across the board.



The *Promotores Verdes*/Green promoters; which include community members, educators, and community leaders that work in organizations serving the needs of the Canal District and other underserved areas in Marin County are continuously getting informed in order to outreach their community. Their participation in this year's Binational Health Week event was once again a good venue to outreach the community the Canal Community.



Again this year, we brought the Used Oil and Filter Recycling Plinko Game; which we have used at other events. As always, it was very popular with the children, and many adults wanted a turn to play the game as well. In order to play the Plinko, every person had to answer a question on a specific category; which included: used motor oil and filters, water pollution prevention, toxics, e-waste, water conservation, yardwaste and compost. We also included a category on general recycling; which was necessary as we got many questions on this category.

The questions were based on facts about oil and filters, places that collect the e-waste, and other places that collect toxics in Marin County. We also included information on ways to prevent water pollution and ways to conserve water. Other questions had to do with things that are recyclable in the blue bin and the importance of proper disposal of fluorescents, batteries and medications.

About 90% of the people that attended the event were Spanish speaking, so our outreach was conducted primarily in Spanish. However, in many cases Spanish was a

second language for the participants, most of them were from Central American countries where other indigenous languages are spoken. There were also people that only spoke English; in which case we were able to provide them with information and answer their questions.

While people waited their turn to play the Recycling Plinko, it was the perfect opportunity to talk to them about the programs available in Marin County, the Marin County Stormwater Pollution Prevention Program (MCSTOPPP) and how to properly recycle and conserve. At times, people patiently waited to participate in the game while listening to the information we were providing. If the person answered the question correctly, they got a cool reusable grocery bag provided by the Sonoma County Water Agency. If they didn't answer the question correctly, they still got some information provided by MCSTOPPP and smaller prizes (pencils) provided by the *Promotores Verdes*.

As in last year's event, we conducted a brief survey to determine how many individuals/households change their own oil, whether they know that it is illegal to dispose of oil & filters in the trash or storm drains, where to recycle their oil and filters, and whether they are willing to tell someone about the information. The survey results showed that a very high percentage do change their own oil, almost 75%. More than half of those that change their own oil were able to name a specific location where they had taken the oil for recycling, though about 38% did not report that they recycled the filter (in some cases this may have been because they did not change the filter). Everyone surveyed agreed to tell others what they had learned. A copy of the survey results is attached.



During this event we also had the opportunity to inform them of the proper way to recycle the oil and filters and the different certified recycle centers in Marin County. Many of them took a copy of the "Take Pride on Your Ride" pamphlet provided by MCSTOPPP. They were surprised to find out there were many certified centers throughout the county.

This was a great venue to outreach the community of the Canal Area and based on the amount of people that approached our booth,

people are always looking for information. Reinforcing the message to reduce, reuse, recycle, pollution prevention and conservation is definitely a good idea; especially at community events where person to person interaction gives us the opportunity to learn from that community.



### **CANAL HEALTH & SAFETY DAY 2012**

### Saturday, October 6<sup>th</sup> 11-2pm

Dear colleagues,

You are invited to participate in our BiNational Health Week Event at Bahia Vista School 125 Bahia Way San Rafael, CA. 94901. It is a great opportunity to connect with your community, friends, family and colleagues while providing important and invaluable information and resources to our community. We look forward to your participation.

#### PARTICIPANT INFORMATION

Name of Agency:	
C2 Alternative Services on behalf of Marin County Storm W	ater Pollution Prevention Program (MCSWPPP)
Agency Street Address:	City/Zip:
758 Pine St.	Santa Rosa, CA 95404
Contact Person:	Contact phone number:
Hugo Mata	707-494-1699
Title:	Email address:
Director of Media and Bilingual Outreach	hugo@c2alts.net
Number of Personnel staffing table:	Arrival Time: 9:00am to 2:00pm
1	
Please have bi-lingual people staffing each table if possible.	Please arrive on time!
Target Population:XChildrenXTee	nsX Adults
=	y(s) you will be providing at the event for your target population.
·	filter recycling. At the same time, we will also provide information on water
conservation, stormwater pollution prevention, general recycling,	and environmental awareness.
Please give a description of any items you would give awa	y. Including brochures, fliers, giveaways, food, etc.
We will an elder and letter above and elder the best observed and	
oil and filters and other recyclables. These items include pamphle	ber where people can call in case they have questions about recycling used motor
on and litters and other recyclables. These items include pampine	ts, brochares, flyers, peris, pericis, etc.
At the same time, we will have a game (Recycling Plinko) giving ne	eople the opportunity to test their knowledge on recycling and conservation.
The tire sume time, we will have a game (neeyening i linke) giving pe	sopic the opportunity to test their knowledge of recycling and conservation.
Please indicate if you have any special needs (privacy) or a	any other additional needs. (electric outlets, water, etc.) or would like to
be situated next to another (similar) agency.	my other additional needs, (elective outlets) mater, etc., or model into to
as strategy lieve to allottics fallings a general	
If possible, it would be ideal to be next to a booth that provides si	milar information.
in possible, it would be ideal to be flext to a booth that provides si	Third in orthogon.

Participation forms must be submitted by: Friday, August, 31st 2012 Please e-mail participation forms to: tracyfung116@yahoo.com For questions, please call: (415) 676-7126

**♥**This is a Green and Healthy event so please bring items that promote healthy and green choices **♥** 

CANAL HEALTH & SAFETY DAY 2012													
	Saturday, October7, 2012 10-2pm												
do you (or someone   what did you do with the oil   filter   Knows about illegality of   Will tell others about recycling it   Other notes													
in your household)	last time you changed it?	too?	disposing of oil/filters in	correctly? (yes/no), What would you say?									
change your own	(specific)	(yes/no)	garbage-stormdrains										
motor oil? (yes/no)			(yes/no)										
y	Took it to Dump	?	n	у	·								
y	AutoZone/Dump	У	У	у									
	She thiks husband tatkes car to												
n	5	not sure	у	у									
y, sometimes	O'Reilly	у	У	у									
у	Kragen	у	У	у									
у	Kragen	у	У	у									
у	Took it to Kragen	у	n	у									
у	Not sure where husband took it	n	n	у									
	he is a mechanic, so they												
n	collected ther	у	у	у									
у	Kragen O'Reilly	n	n	у									

### **CIGARETTE EATER METER LAUNCH**

THURSDAY MAY 30 6:00PM



### **FARMERS MARKET**

Join us to launch **San Rafael Clean** coalition's newest & most creative strategy to keep litter off the streets!



# PARK YOUR BUTTS HERE!

CITY PLAZA NEAR THE FOUNTAIN



BELLAM
SELF STORAGE & BOXES
A Certified Green Business





Contact: Carla Koop 415-485-3071 For Immediate Release

#### NO BUTTS ABOUT IT!

San Rafael, CA – May 9, 2013 – <u>San Rafael Clean</u> (SRC), a coalition of local agencies and individual volunteers, is launching its newest and most creative strategy to help get litter off our streets—a cigarette butt litter display called the "Cigarette Eater Meter" to be installed downtown at the San Rafael City Plaza. A ribbon-cutting is scheduled for 6 pm on Thursday, May 30<sup>th</sup>, at the start of the Thursday evening Farmer's Market.

From a distance, the large metal display, standing eight feet high, looks like an oversized parking meter. But instead of depositing change for parking, visitors deposit their cigarette butts in a slot. For every butt deposited, one cent goes to a local charity: the St. Vincent de Paul Society. And once the meter hits 100,000 butts, local businesses will contribute another \$1000 "matching" grant. Not only do contributors help reduce one of the most pervasive forms of trash in the city—over 10,000 butts are littered every three to four days in San Rafael alone—but in doing so, they support a good cause!

Close up, visitors learn the facts about cigarette butt litter through a series of educational vignettes. Not only are cigarette butts the most littered item in the city, but—a little known fact—they are made up of cellulose acetate, a type of plastic that never biodegrades.

It's a serious message, but the whimsically designed "meter" by artists Ventana Amico and Enrique Goldenberg takes a lighthearted approach. The coalition wants to get the message across, not point fingers. Helping us all understand the problem is SRC mascot Oscar the Bulldog, who follows a trail of cigarette butt trash from street to storm drain to creek to the bay, all while pointing out the pitfalls of this persistent problem. Surely it would be hard for anyone to refuse his plea: park your butts here!

Some may recognize Oscar the Bulldog from a previous SRC campaign designed to raise awareness about proper disposal of cigarette butts. Last year, SRC distributed to local businesses 20,000 coasters emblazoned with Oscar's mug, encouraging smokers to "put...cigarette butts in the can." In addition, SRC volunteers initiated a unique "buyback" program funded by Bellam Self Storage and Boxes that invited diners at St. Vincent de Paul Society to contribute butts in exchange for cash. During the three-month program, participants received \$1 per ounce of butts collected, and amassed over 230,000 butts – all from the streets of San Rafael!

SRC wants there to be no butts about it: dispose of butts properly in the new Cigarette Eater Meter and let San Rafael streets be clean! For more information, visit <a href="www.SanRafaelClean.org">www.SanRafaelClean.org</a>. This project is being funded by MCSTOPPP and Bellam Self Storage and Boxes with additional funds from local businesses.

G-1: Nursery Outreach Efforts

G-2: Richardson Bay Regional Agency (RBRA) Richardson Bay Water Quality Testing Results

Bayside Garden Center Attn: Matt 1520 Tiburon Blvd. Tiburon, CA 94920

Orchard Supply Hardware Attn: Bill Selk 1151 Andersen Drive San Rafael, CA 94901

Goodman Building Supply Attn: Abel 775 Redwood Hwy. Mill Valley, CA 94949

Armstrong Garden Center Attn: Manager 1430 S. Novato Blvd. Novato, CA 94947

Gold Grade Nursery 31 Gold Hill Grade San Rafael, CA 94901

Green Point Nursery Attn: Manager 275 Olive Avenue Novato, CA 94945

Mostly Natives 27235 Highway 1 P.O. Box 258 Tomales, CA 94971

United Markets Attn: Nursery Manager 51 Third Street San Rafael, CA 94901

Sloat Garden Center Attn: Shelley 1580 Lincoln Avenue San Rafael, CA 94901

Sloat Garden Center Attn: Greg 700 Sir Francis Drake Blvd. Kentfield, CA 94904 O'Donnell's Fairfax Nursery Attn: Manager 1700 Sir Francis Drake Blvd. Fairfax, CA 94930

Sloat Garden Centers Attn: Katy Thomson 420 Coloma Sausalito, CA 94965

Green Jeans Attn: Kevin and Zander 690 Redwood Hwy. Mill Valley, CA 94941

Target Nursery Attn: Nursery Manager 200 Vintage Way Novato, CA 94945

Pini Hardware – Nursery Attn: Jim Stark 1535 S. Novato Blvd. Novato, CA 94947

Cal Native Nursery Attn: Dan Dufficy 254 Shoreline Hwy Mill Valley, CA 94941

Toby's Feed Barn Attn: Oscar Gamez 11250 Star Route 1 Pt. Reyes Station, CA 94956

West End Nursery Attn: Manager 1938 Fifth Avenue San Rafael, CA 94901

Home Depot – Nursery Attn: Charlie Rossi 111 Shoreline Parkway San Rafael, CA 94901 Nursery at Fairfax Lumber Attn: Augie Venezia 109 Broadway Fairfax, CA 94930

Sunnyside Nursery Attn: Ross Perry 130 Sir Francis Drake Blvd. San Anselmo, CA 94960

Paulger's Plants and Bulbs Attn: Manager 57 Holiday Drive Novato, CA 94949

Interior Plantscape Company 375 Shoreline Hwy. Mill Valley, CA 94949

Las Baulines Nursery Attn: Michael Behrnson 150 Olema-Bolinas Road Bolinas, CA 94924

Marin Ace Attn: Michelle Leopold 180 Merrydale Rd... San Rafael, CA 94903

Sloat Garden Center Attn: Manager 2000 Novato Blvd. Novato, CA 94947

Sloat Garden Center Attn: Molly 657 E. Blithedale Ave. Mill Valley, CA 94941

Sloat Garden Center Attn: Donna 401 Miller Avenue Mill Valley, CA 94941



Marin County Stormwater Pollution Prevention Program Marin County Department of Public Works P.O. Box 4186 • San Rafael, CA 94913-4186 Tel. (415) 473-6528 • Fax (415) 473-7221

Member Agencies:

June 25, 2013

Belvedere

Dear Nursery Manager:

Corte Madera

The Marin County Stormwater Pollution Prevention Program (MCSTOPPP), on behalf of local cities, towns and unincorporated areas, is requesting your help in protecting the water quality of Richardson Bay.

County of Marin

Fairfax

Enclosed you will find a fact sheet identifying **best management practices that you and your staff can use** to help keep pollutants out of storm

drains and waterways that flow to Richardson Bay.

Larkspur

Mill Valley

When you wash walkways and equipment, irrigate plants, and clean-up after a spill, pollutants (e.g. pesticides, fertilizers, debris and sediment) can reach a storm drain if best management practices are not in place. In the Richardson Bay Watershed, all storm drains lead directly to local

Novato creeks, wetlands, and the Bay.

Ross

Please share the enclosed information with your employees at staff meetings and/or post to a bulletin board for them to review. If you would like additional copies, or if you have any questions about the enclosed material, please don't hesitate to contact Gina Purin of my staff

San Rafael

San Anselmo

at 415-473-3202 or email us at <a href="mailto:mcstoppp@marincounty.org">mcstoppp@marincounty.org</a>.

Sausalito

Thank you for your support and interest in helping to maintain and improve water quality in Richardson Bay.

Tiburon

Sincerely,

Terri Fashing

Stormwater Program Administrator

Encl 1



Marin County Stormwater Pollution Prevention Program Marin County Department of Public Works P.O. Box 4186 • San Rafael, CA 94913-4186 Tel. (415) 473-6528 • Fax (415) 473-7221

Member Agencies: June 25, 2013

Belvedere

Dear Nursery Manager:

Corte Madera

The Marin County Stormwater Pollution Prevention Program (MCSTOPPP), on behalf of local cities, towns and unincorporated areas, is requesting your help in protecting the water quality of San Francisco Bay.

County of Marin

Fairfax

Larkspur

Mill Valley

Novato

Ross

San Anselmo

San Rafael

Sausalito

Tiburon

Enclosed you will find a fact sheet identifying **best management practices that you and your staff can use** to help keep pollutants out of storm drains and waterways that flow to San Francisco Bay.

When you wash walkways and equipment, irrigate plants, and clean-up after a spill, pollutants (e.g. pesticides, fertilizers, debris and sediment) can reach a storm drain if best management practices are not in place. In Marin, all storm drains lead directly to local creeks, wetlands, or San Francisco Bay.

Please share the enclosed information with your employees at staff meetings and/or post to a bulletin board for them to review. If you would like additional copies, or if you have any questions about the enclosed material, please don't hesitate to contact Gina Purin of my staff at 415-473-3202 or email us at <a href="mailto:mcstoppp@marincounty.org">mcstoppp@marincounty.org</a>.

Thank you for your support and interest in helping to maintain and improve water quality in San Francisco Bay.

Sincerely,

Terri Fashing Stormwater Program Administrator

Encl 1

# APPENDIX G-2: RICHARDSON BAY REGIONAL AGENCY (RBRA) RICHARDSON BAY WATER QUALITY TESTING RESULTS

DRY SEASON WET SEASON

	Single Sample					30 Day Geo Me	non.		30 Day Geo Mean				
Total Coliform Not To Exceed	Single Sample 10,000				1000	all		1000					
E. coli Not to Exceed			235							126			
Enterococcus Not to Exceed			104			35		104				35	
WALDO POINT GATES COOP Station #41	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	1401	1780	1246	5797	3130		2240	1860	1236	1565	3255	1935	1867
E. coli 235 / 126	175	148	74	393	199		172	122	455	313	187	63	183
Fecal 400 / 200	240	130	50		900		211	80	300	130	300	50	136
Enterococcus 104 / 35	51	10	10	120	10		23	31	41	41	135	41	49
KAPPAS HOUSEBOATS Station #43	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	591	0	2282	311	1086		1064	1450	2046	691	2098	426	1129
E. coli 235 / 126	52	145	160	63			79	10	10		63	10	17
Fecal 400 / 200	30	50	23	50			47	22	14	30	70	8	22
Enterococcus 104 / 35	20	31	10	9	10		14	9	30	9	52	10	17
WALDO "A" DOCK Station #40	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	204	1211	323	193	820		417	216	62	473	1354	426	325
E. coli 235 / 126	20	63	41	62	31		40	10	10	41	146	20	26
Fecal 400 / 200	30	30	50	50			35	8	13	21	80	22	21
Enterococcus 104 / 35	10	9	9	86	10		15	9	10	20	146	9	19
WALDO POINT SOUTH 40 Station 15	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	145	1439	161	185	889		354	598	122	839	238	256	327
E. coli 235 / 126	41	31	20		223		60	10	41	85	20	10	23
Fecal 400 / 200	4	30	4	70			21	50	80		30	30	52
Enterococcus 104 / 35	10	9	9	10	9		9	31	10	10	52	9	17
CLIPPER BASIN #4 Station 14	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	84	650	73	228	226		183	324	20	545	231	581	216
E. coli 235 / 126	10	30	31	41			30	41	9		9	51	24
Fecal 400 / 200	13	2	50	30			18	4	22	80	23	50	24
Enterococcus 104 / 35	10	9	9	9	9		9	10	9	10	41	31	16
ARQUEZ MARINA Station #37	30-Aug-12	5-Sep-12				3-Oct-12		9-Jan-13				6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	41	383	72	288	359		164	226	906	383	262	145	312
E. coli 235 / 126	9	20	10				13	10	613	10	9	9	22
Fecal 400 / 200	30	23	4	13			16	1	240	2	4	23	8
Enterococcus 104 / 35	9	9	9	9	9		9	9	345	9	10	9	19
CLIPPER BASIN #1, Station CB1 (NEW)	30-Aug-12	5-Sep-12	11-Sep-12			3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	96	455	181	195	256		209	605	171	1376	108	627	395
E. coli 235 / 126	36	9	10	10			12	110	52		10	109	42
Fecal 400 / 200	23	14	11	13			15	30	9		4	80	21
Enterococcus 104 / 35	9	9	20	9	9		11	31	9		9	41	21
SCHOONMAKER BEACH Station #33 (EHS)	29-Aug-12	5-Sep-12				19-Oct-09		9-Jan-13	16-Jan-13			6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	373	63	771	20	85		125	96			145	86	130
E. coli 235 / 126		10					11	9	96		20	9	20
Fecal 400 / 200	17	30	2	1			3	8	70		13	8	14
Enterococcus 104 / 35	10	10	9	9	-		10	9	52	9	10	9	13
SCHOONMAKER Station #32	30-Aug-12	5-Sep-12	11-Sep-12			3-Oct-12		9-Jan-13				6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	9	554	9	9			40	98	122	327	75	120	129
E. coli 235 / 126	9	31	9	9			12	20	20	20	20	20	20
Fecal 400 / 200	4	23	2	2			5	4	8	2	8	9	5
Enterococcus 104 / 35	9	10	9	9	20		11	9	9	9	10	9	9

DRY SEASON WET SEASON

	DRY SEASON WET SEASON  Single Sample 30 Day Geo Mean Single Sample												
	Single Sample							Single Sample					30 Day Geo Mean
Total Coliform Not To Exceed			10,000			1000		10,000				1000	
E. coli Not to Exceed			235			126		235			126		
Enterococcus Not to Exceed			104			35				104			35
GALILEE / NAPA Station #8	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	120	420	158	9	216	10	9	86	41	122	74	134	84
E. coli 235 / 126	20	10	9	9	9	1	1	20	9	9	9	52	15
Fecal 400 / 200	4	2	13	4	11		5	30	13	8	17	22	16
Enterococcus 104 / 35	9	10	9	9	9	!	9	9	9	9	9	9	9
MARINEWAYS Station MW (NEW)	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	465	1130	197	379	759	49	5	4106	816	1187	1119	1664	1492
E. coli 235 / 126	145	52	20	41	144	6.	2	530	134	426	292	187	278
Fecal 400 / 200	170	80	13	30	80	5	3	300	30	240	240	80	133
Enterococcus 104 / 35	41	20	10	9	20	1	7	1333	173	75	63	52	141
PELICAN HARBOR Station #6	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12	1	9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	10	323	52	20	161	5	6	909	74	309	185	233	246
E. coli 235 / 126	10	10	9	9	10	1	0	10	9	10	10	31	12
Fecal 400 / 200	7	1	1	8	8		3	17	30	13	17	4	14
Enterococcus 104 / 35	9	9	9	9	9		9	41	20	20	20	9	20
SAUSALITO YACHT HARBOR Station #5	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	41	262	41	75	97	8	0	122	41	301	97	98	107
E. coli 235 / 126	20	9	10	31	9	1-	4	10	9	9	10	20	11
Fecal 400 / 200	2	8	4	13	2		4	22	2	21	2	2	5
Enterococcus 104 / 35	9	9	9	9	10	!	9	26	10	9	9	31	15
SAUSALITO YACHT HARBOR Station #3	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	84	328	75	30	121	9.	4	657	52	216	144	41	134
E. coli 235 / 126	9	10	9	9	30	1:	2	10	9	10	9	9	9
Fecal 400 / 200	30	7	17	11	2	1	0	80	4	2	2	4	6
Enterococcus 104 / 35	31	9	9	20	31	1	7	9	10	20	41	9	15
CONTROL STATION DAYMARK #6 Station C	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12		9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000	10	259	9	9	20	2	1	98	63	228	9	213	77
E. coli 235 / 126	10	9	9	9	9		9	10	41	9	9	10	13
Fecal 400 / 200	4	17	2	2	2		4	8	0	4	1	8	4
Enterococcus 104 / 35	9	9	9	9	9	!	9	9	9	10	10	10	10
CONTROL O STRAWBERRY POINT	30-Aug-12	5-Sep-12	11-Sep-12	26-Sep-12	3-Oct-12	3-Oct-12	Ī	9-Jan-13	16-Jan-13	22-Jan-13	30-Jan-13	6-Feb-13	6-Feb-13
Total Coliform 10,000 / 1000		1381	51	52	97	10	8	545	75	249	341	187	230
E. coli 235 / 126	10	41	9	20	9	1:	5	31	10	41	9	9	16
Fecal 400 / 200	7	4	13	4	2		5	23	13	4	23	4	10
Enterococcus 104 / 35	9	10	9	9	0		Q	9	9	9	10	0	0