

# Marin County Stormwater Pollution Prevention Program Construction Stormwater Management Compliance Workshop



**Presenters:** Sandy Mathews, Senior Scientist, [Larry Walker Associates](#)  
 Kristine Pillsbury, P.E. [CSW / Stuber-Stroeh Engineering Group, Inc.](#)  
 Aaron Stessman, P.E. [CSS Environmental Services, Inc.](#)  
 Terri Fashing, [MCSTOPPP](#)

**Where:** Novato Town Hall, 901 Sherman Ave., Novato, CA 94949

**When:** May 5, 2011, from 8:30 am - 3:00 pm

## What you will learn:

- State Construction General Permit requirements
  - Minimum BMPs and monitoring
  - Rainfall Erosivity Waivers and risk calculations
- Stormwater pollution prevention requirements for all construction sites in Marin
- Principles of good construction site management to protect water quality
- What it takes to become a Qualified SWPPP Developer (QSD) or Qualified SWPPP Practitioner (QSP)



## Registration includes:

- Continental breakfast (8:30 - 9 am) and lunch
- Small vendor exposition
- MCSTOPPP Workshop Certificate of Completion and CEUs

## Who Should Attend:

- Municipal Public Works and Planning Staff and Field and Building Inspectors
- Construction General Contractors, Subcontractors, Developers and Consultants

All public meetings and events sponsored by the MCSTOPPP are held in accessible sites. If you require accommodations please call (415) 473-4381 (voice) or (415) 473-3232 (TTY) at least **four work days** in advance of the event. Copies of documents are available in alternative formats, upon written request.

Registration: **Fee \$75.00** (Workshop is free for staff from Marin's municipalities)

Please complete the registration form and mail to: MCSTOPPP, PO BOX 4186, Rm 304, San Rafael, CA 94913

Register ONLINE at Brown Paper Tickets: <https://www.brownpapertickets.com/event/170003>

Fax/email registration & payment info: 415-499-7221 or [tfashing@co.marin.ca.us](mailto:tfashing@co.marin.ca.us) Questions? Call 415-499-6583

Name:		
Affiliation:		
Address:		
City:		
State & Zip:	Telephone:	Fax:
Lunch sandwich choice: turkey <input type="checkbox"/> or vegetarian <input type="checkbox"/>		

This workshop is sponsored by the Marin County Stormwater Pollution Prevention Program, a countywide program funded by the cities, towns and unincorporated areas of Marin. Special thanks to our speakers from CSW/ Stuber-Stroeh Engineering Group, Inc. and CSS Environmental Services, Inc., - they are donating their time. Sandy Mathews, a Senior Scientist with LWA, is a Certified Professional in Erosion and Sediment Control and a Qualified SWPPP Developer and Practitioner. She leads CASQA's construction subcommittee and leads the team that developed the QSD/P training curricula for the state's CGP Training Team. The following vendors will be available to share product information during breaks and the lunch hour: Ertec Environmental Systems and Water Components Building & Supply, Inc.

## **Directions to Novato Town Hall**

**901 Sherman Ave., Novato, CA 94949**

**From Highway 101 (traveling north or south)**

- Take the De Long Avenue exit
- Continue west on De Long Avenue
- Turn right onto Sherman Avenue
- Novato Town Hall is the first building on the left

Click link to go to Google map:

<http://maps.google.com/maps?hl=en&q=901+Sherman+Ave.,+Novato,+CA+94949%E2%80%8E&ie=UTF8&hq=&hnear=901+Sherman+Ave,+Novato,+California+94945&gl=us&ll=38.106044,-122.568197&spn=0.01241,0.019248&z=16>



## MCSTOPPP Construction Workshop Agenda

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May 5, 2011, from 8:30 a.m. to 3:00 p.m.

Novato Town Hall, 901 Sherman Ave., Novato, CA 94949

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Time	Topic	Speaker
8:30	<b>Refreshments and Check-in</b> <i>(Complete pre workshop survey)</i>	
9:00	<b>Welcome and Workshop Objectives</b>	<b>Terri Fashing</b>
9:15	<b>Module 1.</b> <b>Good Construction Site Management to Protect Water Quality</b>	<b>Sandy Mathews</b>
9:45	<b>Module 2.</b> <b>Overview CGP Requirements</b>	<b>Sandy Mathews</b>
10:30	<b>Break</b>	
10:45	<b>Module 3.</b> <b>Demonstration/Discussion of Risk Determination</b> <b>Demonstration of Calculating Rainfall Erosivity</b>	<b>Kristine Pillsbury</b>
11:45	<b>Lunch – Visit Exhibitors</b>	
1:00	<b>Module 4.</b> <b>MCSTOPPP Construction Stormwater Requirements</b>	<b>Terri Fashing</b>
1:20	<b>Module 5.</b> <b>Monitoring – practical field tools</b>	<b>Aaron Stessman</b>
2:15	<b>Module 6.</b> <b>Becoming a QSD/QSP</b>	<b>Sandy Mathews</b>
2:30	<b>Module 7.</b> <b>Wrap up and Open Discussion of real situations, what ifs, could I?</b> <i>(Complete post workshop survey)</i>	<b>All</b>

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Marin County Stormwater Pollution Prevention Program  
 Construction Site Management Workshop  
 May 5, 2011 Evaluation

	Workshop Evaluation Responses			
	Agree	Reinforced what I know	I never work on projects that disturb 1 acre or more	Disagree
Module 1 increased my understanding of good construction site management designed to protect water quality	22	5	-	0
Module 2 provided me with information I will use on projects that are subject to the Construction General Permit (CGP) requirements	24	2	1	0
The risk calculation demonstration/discussion (module 3) and demonstration on calculating rainfall erosivity was informative and will assist me if I have to oversee or complete these tasks on my own	23	1	2	1
Module 4 clarified construction site requirements for all projects in Marin	23	4	-	0
The presentation on monitoring (module 5) helped clarify when monitoring is required under the CGP and provided useful information for monitoring implementation in the field	22	3	1	1
Module 7 clarified what it will take to become a Qualified SWPPP Developer or Preparer	23	1	-	0

\*There were a few surveys that were incomplete

\*There was 1 survey that was left blank

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 May 5, 2011

	<b>MCSTOPPP Construction Workshop - May 5, 2011</b>	Pre % Correct	Post % Correct	Difference
Q1	Under the CGP, construction activity includes which of the following?	75%	100%	<b>25%</b>
Q2	Protecting stormwater from construction site pollutants starts when _____?	93%	100%	<b>7%</b>
Q3	SWPPPs must be written by whom?	68%	96%	<b>29%</b>
Q4	MCSTOPPP permit requires which categories of BMPs?	82%	100%	<b>18%</b>
Q5	Project regulated by the CGP are <b>not</b> subject to the MCSTOPPP construction requirements?	96%	100%	<b>4%</b>
Q6	Numeric Action Levels apply to what types of construction sites?	50%	57%	<b>7%</b>
Q7	A qualified rain event is one that produces _____ of precipitation.	57%	100%	<b>43%</b>
Q8	A project site that is less than five acres and has an R-Factor or less would qualify for a CGP rainfall erosivity waiver.	79%	93%	<b>14%</b>
	<b>Total Respondent Percentage Correct</b>	<b>75%</b>	<b>93%</b>	<b>18%</b>
	Total number of surveys completed	28	28	