

ANNUAL REPORT

General Permit for the Discharger of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

(See Small MS4 Annual Report Guidance for additional guidance on completing this Annual Report Form)

Check box if this is a new name, address, etc.

A. Permittee Information

- 1. Permittee (Agency Name): City of Grass Valley
- 2. Contact Person: Timothy M. Kiser, P.E., Public Works Director/City Engineer
- 3. Mailing Address: 125 East Main Street
- 4. City, State and Zip Code: Grass Valley, CA 95945
- 5. Contact Phone Number: (530) 274-4351
- 6. WDID # 5A29NP00005
- 7. Have any areas been added to the MS4 due to annexation or other legal means? YES NO
If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? YES NO

If yes, report on the implementation of the Design Standards in section D.5 of this Annual Report Form.

- B. Reporting Period** (check one): Coverage Commencement –or -
- July 1, 2004 to June 30, 2005
 - July 1, 2005 to June 30, 2006
 - July 1, 2006 to June 30, 2007
 - July 1, 2007 to June 30, 2008
- (Report is due by September 15 each year)*

C. Executive Summary

Effective: Sweeping operations removed an estimated 394.26 tons of material, over approximately 50 miles of roads swept. South Yuba River Citizens League removed roughly 8,000 pounds of trash and over 2,000 pounds of recyclables at 23 sites. Street crews cleaned out approximately 60 catch basins, removing 14 tons.

In Compliance: Public Education: Modify; Public Involvement: Yes; Illicit discharge: Yes; Construction: Yes; Post Construction: Yes; Pollution Prevention: Yes

Success: Completion and adoption of the Stormwater Ordinance. Coordination with Wolf Creek Community Alliance, South Yuba River Citizens League and Resource Conservation District.

Challenging Aspect: Funding necessary equipment and materials to implement SWMP. Working with contractors to bring all projects into compliance.

D. Minimum Control Measures

Report on the status and effectiveness of BMPs and measurable goals by completely answering the following questions. Include any proposed modifications to the SWMP and anticipated changes to the schedule. You may use the tables provided and use narrative sections to highlight information. Alternatively, you may wish to only provide information in a narrative format. If the “Status of Measurable Goals” question is completely addressed by the table, you may write “see table” in that narrative section.

1. Public Education and Outreach

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
PEO 1.1	Participated in public events to promote SWMP (ongoing)	X			X		
PEO 1.2	Create Logo for stormwater program	X				X	
PEO 1.3	Submit articles to the City newsletter			X			
PEO 1.4	Publish articles twice annually to local media			X			
PEO 1.5	Develop signs for ponds, streams, etc			X			
PEO 1.6a	Review web pages by other municipalities – continuous	X				X	
PEO 1.6b	Include information on Website	X				X	
PEO 2.1	Investigate K-12 school curriculums	X				X	
PEO 2.2	Discussed with RCD joint education effort	X				X	
PEO 2.3	Work with School District to develop K-12 curriculum	X				X	

a. BMPs

i. General summary

Public Events: City has supported SYRCL with their clean up event and Wolf Creek Community Alliance with their monitoring efforts on Peabody Creek. Sweeper operator and City Inspector has advised residents when seeing potential impacts to storm drains. Worked with the Engineer’s Association of Nevada County and the Nevada County Contractors Association to educate the public in public meetings about stormwater issues.

ii. Status of Measurable Goals

Most summarized items are on-going. City maintains a working relationship with SYRCL and Wolf Creek Community Alliance. Public Works staff is currently working on completing the City’s logo for stormwater awareness.

iii. Appropriateness

All BMPs in program are appropriate to the local population. There is a great deal of public interest in the local waterways and the City has met with groups to discuss joint efforts creating community awareness.

iv. Effectiveness

Effectiveness of public support is difficult to gauge. In general, there is a public awareness because various organizations are seeing more volunteers participate in projects. Also, schools do "hands on" projects to supplement teaching efforts.

v. Proposed Modifications

1.3 & 1.4 City newsletter was not published this fiscal year due to budget constraints. Information has been posted in the newsletter in the past. The local media did not publish articles this year, however, stormwater information is planned to be distributed to all City utility customers with their bills thanks to a new automated system the City has implemented.
1.5 City staff will evaluate the posting of signs at ponds and streams with the implementation of our new logo.

- b. Present results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

None

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

Most of the BMP's are ongoing activities that the City regularly participates in. The City plans to continue the implementation of the majority of the BMP's until the City adopts a new SWMP (informed by SWRCB that new requirements will be ready in January 2009 to assist City's in revising their SWMP's). Refer to the table below.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
PEO 1.1			X		X
PEO 1.2	Create logo		X	To be completed in 2008.	
PEO 1.3	Annual City Newsletter Article	X			If published
PEO 1.4	Local Media Articles @ SWMP 2 x year	X		To be completed in 2008.	Will distribute to utility customers.
PEO 1.5	Develop signs for ponds, streams, etc.	X		Will be evaluated with new logo	
PEO 1.6a			X		X
PEO 1.6b			X		X
PEO 2.1			X		
PEO 2.2			X		
PEO 2.3			X		

2. Public Involvement and Participation

BMP	Description	Status					
		Implemented	Not Applicable	Modified ¹	Effective	Unknown	Not Effective
PIP 1.1	SWMP available for review	X				X	
PIP 1.2	Concurrent with Annual Permit – in progress	X				X	
PIP 2.1	Assist with annual stream clean up efforts	X			X		
PIP 2.2	Assist in storm drain stenciling	X			X		

a. BMPs

i. General summary

Partner with SYRCL for annual water shed cleanup. Two sites in Grass Valley – removed roughly 600 lbs. trash and an estimated 45 lbs recyclables. City now maintains stencils that were previously installed. City has been working with public groups on the Peabody Creek Restoration Project.

ii. Status of Measurable Goals

Ongoing effort.

iii. Appropriateness

SYRCL annual water shed cleanup removed 645 lbs. of trash and recyclables from various watershed sites.

iv. Effectiveness

Volunteer groups are effective in “hands on” work and also in sharing information with the public.

v. Proposed Modifications

City now has primary responsibility to maintain the stencils on the drainage inlets.

b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

Amount of trash removed from water sheds as referenced above.

- c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

Continue to assist and support clean up and other projects by volunteer groups. Reports to various stakeholders and City Council.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
PIIP 1.1	Review with volunteers, advise public via website, media.		X		X
PIIP 1.2	With annual report		X		X
PIP 2.1	Annual Creek Cleanup efforts		X		X
PIP 2.2	Maintain stenciling Continue storm drain inventory		X		X

3. Illicit Discharge Detection and Elimination

BMP	Description	Status					
		Implemented	Not Applicable	Modified ¹	Effective	Unknown	Not Effective
ID 1.1	Review of existing ordinances for control of illicit discharge	X					
ID 1.2	Obtain and evaluate model ordinances for applicability	X				X	
ID 1.3	Adopt Storm Water Quality Control Ordinance	X				X	
ID 1.4	Establish a ordinance enforcement program with penalties.	X				X	
ID 2.1	Update the existing Storm Drain System. Atlas Maps (in Auto CADD) to indicate as-built conditions - continuous	X			X		
ID 2.2a	Develop Checklist for visual water quality monitoring	X			X		
ID 2.2b	Visual observations of materials	X			X		
ID 2.3	Inspect sanitary sewer to prevent overflows – ongoing	X			X		

a. BMPs

i. General summary

City has adopted a Stormwater Quality Control Ordinance. Materials have been observed and removed from drainage inlets by Public Works staff and are logged showing date, employee, location, material description and comments. Visual observations of water quality are performed during rain while cleaning grates and gutters. There is a list by section, of drains with comments as to what to look for.

ii. Status of Measurable Goals

Visual observations have been documented of materials removed from drain inlets. Grates and gutters are cleaned during rain storms.

iii. Appropriateness

These BMPs are appropriate because they remove materials from the storm drain system and also allow staff to see pollutant sources.

iv. Effectiveness

Removed sediment, organics, and trash from storm drain system. Quantities are estimated to be 14.5 tons.

v. Proposed Modifications

Staff to report suspected water quality issues to appropriate department for further inspections and reporting.

b. Results of information collected and analyzed, if any, during the reporting period, including any monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP.

Visual observations of material indicate stormdrain pollutants primarily consist of sediment, organics and trash.

c. Briefly summarize the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule). If you propose activities that differ from those originally proposed in the approved SWMP, provide justification.

Continue to update the storm drain – Atlas maps. Checklist for inspection of commercial/industrial drains that enter the City storm drain system. Inspect sanitary sewer system on a regular basis.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
ID 1.1	Review existing ordinance		X		
ID 1.2	Evaluate model ordinances		X	X	
ID 1.3	Review and adopt SWQC Ordinance		X	X	
ID 1.4	Establish Ordinance enforcement program		X	X	
ID 2.1	Inventory and map		X		X
ID 2.2a	Develop Checklist		X		X
ID 2.2b	Visual observation of material		X		X
ID 2.3	Inspect sanitary sewer		X		X

4. Construction Site Storm Water Control

BMP	Description	Status					
		Implemented	Not Applicable	Modified ¹	Effective	Unknown	Not Effective
CA 1.1	Review the Statewide Construction Activities Storm Water General Permit - Ongoing	X				X	
CA 1.2	Evaluate available model ordinances for applicability in Grass Valley - Ongoing	X				X	
CA 1.3	Review existing City ordinances	X				X	
CA 1.4	Adopt a Storm Water Quality Control Ordinance – in progress	X				X	
CA 1.5	Establish an ordinance enforcement program with penalties	X				X	
CA 2.1	Revise Public Information Sheets	X			X		
CA 2.2	Initially adopt erosion control standards developed by the Nevada County RCD, then modify as necessary over time	X			X		
CA 2.3	Establish standard conditions of approval	X			X		
CA 2.4	Evaluate current erosion and sediment controls and pollution prevention requirements for construction activities, and develop new requirements or revise existing requirements, as needed.	X			X		
CA 2.5	Provide applicable standards and specifications to local construction contractors and developers	X			X		
CA 2.6	Conduct training workshops	X				X	
CA 3.1	Coordinate inspection activities	X			X		
CA 3.2	Facilitate Pre-Construction Meetings	X			X		
CA 3.3	Standard Inspection form	X			X		
CA 3.4	Train Inspection Staff	X			X		
CA 3.5	Receive and respond to Storm Water issues	X			X		
CA 4.1	Review SWPPP's	X			X		
CA 4.2	Follow Inspection Frequencies	X			X		
CA 4.3	Use inspection checklist	X			X		

a. BMPs

i. General summary

For construction activities, the City has developed standard development conditions that require erosion control plans, water/oil separation devices and storm water detention. Local Contractors are notified by mail and during Pre-construction meetings that full implementation of erosion and sediment control must occur prior to grading activities during winter months. Site meetings emphasize adherence to SWPPP and documentation of corrective measures.

ii. Status of Measurable Goals

City staff required submittal and review of all SWPPP's, erosion control plans and erosion control bond prior to issuance of Grading Permits.

iii. Appropriateness

Field inspections have helped to determine and expand the check list for illicit discharges.

