

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: Rudi G. Golnik, P.E., Director of Public Works / 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
 - 1. Doris Drive Area
 - 2. Spree Island
 - 3. Brunswick Areas (East B, West C and West A)
 - 4. Partridge Drive
 - 5. Slate Creek Road

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	
1. Centerville Flume	X			In Progress	Wolf Creek
2. Matson Creek	X			In Progress	Wolf Creek
3. Olympia Creek	X			In Progress	Wolf Creek
4. Woodpecker Ravine	X			In Progress	South Fork Wolf Creek
5. Slate Creek	X			In Progress	Deer Creek

- 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 October 14, 2003 to June 30, 2004 – 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 378 tons material, over approximately 50 miles of roads swept. Volunteers from SYRCL removed 18,000 pounds of trash in City and neighboring watersheds. Education and training of staff meant better observations of violations and procedures for municipal operations.

In Compliance: **Municipal operations** yes. Development: yes. Public Involvement: yes (community creek clean up; grant support for stencils). Construction Activities: yes. (Richardson, Mautino Park) Public Education: no.

Success: Coordination with Wolf Creek Alliance & South Yuba River Citizens League.

Challenging Aspect: Funding necessary equipment and materials to implement SWMP. Coordination between various City Departments. Educating contractors re project SWPPPs and follow-up.

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 1.4r	Brief articles in City newsletter re: street sweeping, storm water	X				X	
PEO 1.6a	Review web pages by other municipalities – in progress	X				X	
PEO 2.1	Investigate K-12 school curriculums						
PEO 2.2	Discussed with RCD joint education effort	X				X	

a. BMPs

i. General summary

Articles in City newsletter discuss residents not putting leaves, pine needles and landscape waste in the street for the street sweeper to pick up. This debris can get into the storm drain system. The sweeper cannot pick it all up. Sweeper operator has advised residents when he has observed this. Marginal effectiveness as only some residents comply. Joint effort w/RCD will provide plan for K-12 education coordination.

ii. Status of Measurable Goals

Articles in City Newsletter - on-going.
A review of web pages of other City's has not been completed.
School Education at other municipalities has not been investigated, but partnership with local Rural Conservation District has been discussed for local schools.

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 supported education and clean up efforts.

iv. Effectiveness

Measurements to determine effectiveness have not been fully implemented at this time.

v. Proposed Modifications

Years 2-5 include BMPs for additional public education and outreach. Modifications are not proposed at this time.

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.

Improve on media information and articles. Collaborate with NCRCD for joint efforts in education and on website.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
Promote SWMP at events	Information at street fairs, etc		X		x year 2
SWMP logo	Create logo for signs at creeks, letterhead		X	X	
Local Media	Articles @ SWMP 2 x year		X		x year 2
Web Site	Section on Website with hotline #		X	X	
School Education	Make presentations at school		X		x year 2
School Education	Develop curriculum		X		x year 2

2. Public Involvement and Participation

BMP	Description	Status					
		Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
PIP 1.1	SWMP available for review	X				X	
PIP 1.2	Concurrent with Annual Permit – in progress					X	
PIP 2.1	Have assisted SYRCL in watershed clean ups (yr 2)	X			X		
PIP 2.2	Letter of support to RCD grant application for storm drain stencils (yr 2) ongoing	X				X	

a. BMPs

i. General summary

Notification to stakeholders has been partially implemented. Local Agencies with similar interests like Resource Conservation District (RCD) and the South Yuba River Citizens League (SYRCL) are aware of the City SWMP. The Council will be presented a SWMP update with the Annual Permit. In September 2004, the City assisted SYRCL with its annual cleanup (next year's annual report). In September & December 2004, the City wrote a letter of support for a grant to RCD for a stenciling program and to assist in the installation (year 2 annual report).

ii. Status of Measurable Goals

Year one measurable goals for notification of SWMP for comment and review have been partially met with partnership with SYRCL & RCD. Other goals for year 2, assisting with volunteer efforts, have been met and are continuing.

iii. Appropriateness

All BMPs are appropriate as there is a good source of volunteer efforts and other agencies interested in similar projects.

iv. Effectiveness

Year 2 (out of the scope of this year's Annual Report) SYRCL removed 18,000 pounds of trash & recyclables. This event was planned in year 1.

v. Proposed Modifications

Efforts in this area are ongoing. City has established partnerships and will continue to support these efforts. No modifications proposed at this time.

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.

Data is inconclusive for year 1 activities as to pollution reduction.

- 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.

Notifications to stakeholders. Presentations to City Council. Continue efforts to assist stream clean up efforts by volunteers, and support for stenciling and other programs by DEH.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
PIP 1.1	Review with volunteers, advise public via website, media.		X		X
PIP 1.2	June 2005 estimated date		X		X
PIP 2.1	Creek Cleanup Days (annual)		X		X
PIP 2.2	Support RCD grant, provide materials & supplies for stenciling, provide 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 – in progress					X	
ID 1.3	Adopt Storm Water Quality Control Ordinance					X	
ID 2.1	Update the existing Storm Drain System. Atlas Maps (in Auto CADD) to indicate as-built conditions	X				X	
ID 2.2b	Visual observations of materials (yr 2)	X					
ID 2.3	Inspect sanitary sewer to prevent overflows – ongoing	X			X		

a. BMPs

i. General summary

Materials observed and removed from drainage inlets are logged showing (year 2) duty employee, location, material description and comments. Started September 2004. Previous work not logged.

ii. Status of Measurable Goals

Year 1; there have been some activities related to storm drain cleaning, but the activity never was documented. Visual observations have been documented in year 2 as storm drains are cleaned.

iii. Appropriateness

All BMPs appear to be appropriate for year 1 activities. Sanitary Sewer Inspection should be done more than annually in areas of high potential for overflows, such as pump stations near creeks. This work is integrated with inspection routines of the Sewer Department.

iv. Effectiveness

Removed sediment, organics, & misc. trash from storm drain system. Quantities estimated to be 15 cubic yards.

v. Proposed Modifications

Inspect high risk areas for sanitary sewer overflows twice per week. Sewer inspections will continue to be done more frequently (see above) at high risk areas.

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.

None at this time.

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.

Complete an evaluation of model ordinances. Adopt a SWQC Ordinance. Establish an ordinance enforcement program. Continue to update the storm drain - Atlas maps. Continue to revise a checklist for monitoring. Inspect sanitary sewer system on a regular basis.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
ID 1.2	Clean, observe, document, contents of street storm drain system.		X		X
ID 1.3 AND ID 1.4	Review and adopt SWQC Ordinance with enforcement provisions.		X	X	
ID 2.1	Inventory and map		X		X
ID 2.2a	Checklist		X		X
ID 2.3	Inspect high risk areas three times per week rather than annually (in lieu of annually)	X			X

4. Construction Site Storm Water Control

BMP	Description	Status					
		Implemented	Not Applicable	Modified	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	
CA 1.3	Review existing City ordinances	X				X	
CA 1.4	Adopt a Storm Water Quality Control Ordinance – in progress					X	
Conditions of Approval	Establish standard Conditions of Approval for new construction	X			X		
Applicable Standards to Contractors and Developers	Provide applicable standards and specs to local Engineers, Contractors and Developers	X			X		
Respond to Public	Receive and respond to information submitted by the public regarding Storm Water impacts	X			X		
Pre-Inspection Meetings	Facilitate Pre-inspection meetings	X				X	
Inspection Activities	Coordinate inspection activities with Code inspectors and other field inspection personnel	X				X	

a. BMPs

i. General summary

Standard development conditions require erosion control plans, sand/oil separation devices and storm water detention. Pre-construction meetings and grading permits require full implementation of erosion control 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 prior to issuance of Grading Permits. Inspection frequencies are not established yet, but ongoing inspection occurs before, during and after storms at non-regular intervals. A trial inspection form is in process, but not fully adopted.

iii. Appropriateness

Existing City Ordinances are not sufficient to meet the goals and a Storm Water Quality Control Ordinance will be needed. Field inspections have helped to determine and expand the check list for illicit discharges.

iv. Effectiveness

The most effective BMP is the development of Standard Conditions for sand/oil separation and Storm Water detention. This standard has been accepted by Contractors over the past few years, now the requirement is anticipated by developers and engineers. Engineers and contractors are coming up with new and innovative ideas for sand/oil separation.

v. Proposed Modifications

None at this time.

