

# 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: Jeff Jewett P.E., Director of Public Works
- 3. Mailing Address: 125 East Main Street
- 4. City, State and Zip Code: Grass Valley, CA 95945
- 5. Contact Phone Number: (530) 274-4350
- 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	
Glenbrook Area	X			X	Wolf Creek
Morgan Ranch West	X			X	Wolf 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 –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 356 tons material, over approximately 50 miles of roads swept. Volunteers from SYRCL removed 15,639 pounds of trash and 2,497 pounds of recyclables at 27 sites over 78 miles of watershed on 9/18/04. Education and training of staff meant better observations of violations and procedures for municipal operations. On 5/14/05, approximately 800 curb markers were placed on drainage inlets.

In Compliance: Municipal operations ~~no.~~<sup>no.</sup> Development: yes. Public Involvement: yes. Construction Activities: yes. (Richardson, Mautino Park) Public Education: Yes.

Success: 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. 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 1.1	Participate in public events to promote SWMP (ongoing)	X			X		
PEO 1.2	Create Logo for stormwater program			X			
PEO 1.3	Submit articles to the City newsletter	X				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			
PEO 2.1	Investigate K-12 school curriculums	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					

- a. BMPs
  - i. General summary

Have participated in public events to promote storm water management, such as SYRCL clean up event and Wolf Creek Community Alliance clean up event and creek monitoring (which included public presentations and demonstrations). Articles in City newsletter discuss ways for residents to minimize storm drain impacts. Sweeper operator has also advised residents when seeing potential impacts to the storm drain. Marginal effectiveness as only some residents comply. Joint effort w/RCD will provide plan for K-12 education coordination.

Met with Leslie Smith, curriculum coordinator on March 1, 2005 to discuss educational programs for water pollution prevention. Reviewed "Great Water Mysteries", presentation to 3<sup>rd</sup> graders at Scotten Street School on 4/14/05.

ii. Status of Measurable Goals

Articles in City Newsletter - on-going.

A review of web pages of other City's is an on-going process in that we can always look for ideas to make the web page better.

School Education at other municipalities has not been investigated, but partnership with local Rural Conservation District and Wolf Creek Community Alliance has been discussed for local schools. City has participated in school curriculum meeting to discuss pollution prevention.

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

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

v. Proposed Modifications

Because of staff turnover, many new staff member were not familiar with the City's Stormwater Plan. The learning curve has delayed the implementation of some BMP's. These BMP's include PEO 1.2, 1.4, 1.5 and 1.6b. All of these BMP's have been modified to show completion in year 3 (05/06). To that end, PEO 1.6b has been implemented in Sept. 05.

- 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, School district and Wolf Creek Community Alliance for joint efforts in education and public outreach.

BMP	Proposed Measurable Goal	Modified?		Schedule	
		YES	NO	Complete this year	Ongoing Implementation
Promote SWMP at events	Information at street fairs, etc	X			X
SWMP logo	Create logo for signs at creeks, letterhead	X		Complete 05/06	
Local Media	Articles @ SWMP 2 x year	X			2 x per year
Develop & Place signs to increase awareness	Signs placed along ponds, creeks, storm drains.	X		05/06	Continue
Web Site	Section on Website with hotline #	X		05/06	
School Education	Make presentations at school	X		05/06	2 x year
School Education	Develop curriculum	X		05/06	2 x year

## 2. Public Involvement and Participation

BMP	Description	Status					
		Implemented	Not Applicable	Modified <sup>1</sup>	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

Notification to stakeholders has been implemented. Local Agencies with similar interests like Resource Conservation District (RCD) and the South Yuba River Citizens League (SYRCL) and Wolf Creek Community Alliance are aware of the City SWMP. The Council will be presented a SWMP update with the Annual Permit in October 2005. The City assisted SYRCL with its annual cleanup on 9/18/04. The City provided assistance to RCD for a stenciling program on 5/14/05.

#### ii. Status of Measurable Goals

Goals for year 2 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

On 9/18/04, the SYRCL creek cleanup removed 15,634 pounds of trash and 2,497 pounds of recyclables. The Resource Conservation District installed approximately 800 curb markers on the City's drain inlets on 5/14/05. This coincided with Creek Week, a series of projects and demonstrations about waterways.

v. Proposed Modifications

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 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 and other programs by volunteers.

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	November 2005 estimated date		X		X
PIP 2.1	Creek Cleanup Days (annual)		X		X
PIP 2.2	Support RCD grant, provide materials & supplies for continued stenciling, continue to provide storm drain inventory mapping.		X		X

3. Illicit Discharge Detection and Elimination

BMP	Description	Status
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		Implemented	Not Applicable	Modified <sup>1</sup>	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			
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

Again due to the turnover of staff, the City has not adopted a Stormwater Quality Control Ordinance. Staff has reviewed model ordinances and is working to prepare and adopt an ordinance in the near future.

Materials observed and removed from drainage inlets by Public Works staff and are logged showing duty employee, location, material description and comments.

ii. Status of Measurable Goals

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

ID 1.3, 1.4 will be implemented in year 3 (05/06)

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.

