

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. W DID # 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 | |
| McKnight Way | X | | | X | Wolf Creek |
| | | | | | |
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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 370.62 tons of material, over approximately 50 miles of roads swept. South Yuba River Citizens League removed 7,227 pounds of trash and 2,532 pounds of recyclables at 23 sites. Street crews cleaned out approximately 41 catch basins, removing 14.5 tons.

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

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 regarding 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 | | | | 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 assisted in SYRCL clean up event 9/16/06. City has supported monitoring efforts on Peabody Creek by Wolf Creek Community Alliance. Articles in City newsletter discuss ways for residents to minimize storm drain impacts. Sweeper operator has advised residents when seeing potential impacts to storm drains. Hosted stormwater education class for engineers, contractors, and interested public members.

ii. Status of Measurable Goals

Most summarized items are on-going. Peabody restoration project is expected to occur within the next 2 years. City maintains a working relationship with SYRCL and Wolf Creek Community Alliance. Logo and signage not complete.

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. Schools do "hands on" projects to supplement teaching efforts.

v. **Proposed Modifications**

1.2 Move City logo and signage to 07/08.
 1.3 & 1.4 City newsletter & local media to be implemented 07/08.

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.

City logo and signs in January – March 2008.

| BMP | Proposed Measurable Goal | Modified? | | Schedule | |
|----------|--|-----------|----|--------------------|------------------------|
| | | YES | NO | Complete this year | Ongoing Implementation |
| PEO 1.1 | | | X | | |
| PEO 1.2 | Create logo | X | | Complete 07/08 | |
| PEO 1.3 | Annual City Newsletter Article | X | | Complete 07/08 | |
| PEO 1.4 | Local Media Articles @ SWMP 2 x year | X | | Complete 07/08 | 1 x per year |
| PEO 1.5 | Develop signs for ponds, streams, etc. | X | | Complete 07/08 | |
| PEO 1.6a | | | X | | |
| PEO 1.6b | | | 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 520 lbs. trash and 25 lbs recyclables. City now maintains stencils that were previously installed. City may work with public groups on future Peabody Creek Restoration Project.

ii. Status of Measurable Goals

Ongoing effort.

iii. Appropriateness

SYRCL annual water shed cleanup removed 545 lbs. from Wolf Creek in Grass Valley and 9759 lbs. total 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 | 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 1.4 | Establish a ordinance enforcement program with penalties. | | | 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 completed a Stormwater Quality Control Ordinance *Draft*. This draft ordinance is being reviewed and will be adopted in the fall of 2007.

Materials 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 storm drain 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.

Adopt a SWQC Ordinance including an enforcement program. 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 | | 07/08 | |
| ID 1.4 | Establish Ordinance enforcement program | X | | 07/08 | |
| 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 | | |

