

TO: James L. App, City Manager
FROM: Joseph M. Deakin, Public Works Director
SUBJECT: Storm Water Management
DATE: February 4, 2003

NEEDS: For the City Council to direct staff to circulate the Draft Storm Water Management Plan to solicit comments from the public.

- FACTS:**
1. In 1972, the Federal Water Pollution Control Act, also referred to as the Clean Water Act (CWA), was amended to provide that the discharge of pollutants to waters of the United States from any point source is unlawful unless the discharge is in compliance with a National Pollutant Discharge Elimination System (NPDES) permit. The 1987 amendments to the CWA established a framework for regulating storm water discharges under the NPDES Program. Consequently, in 1990, the United States Environmental Protection Agency (U.S. EPA) promulgated Phase I storm water regulations for permitting storm water discharges from industrial sites (including construction sites that disturb five acres or more) and from municipal separate storm sewer systems serving a population of 100,000 people or more.
 2. On December 8, 1999, U.S. EPA promulgated Phase II storm water regulations requiring permits for storm water discharges from municipalities and regions over 25,000 population and from construction sites disturbing between 1 and 5 acres of land. Subsequent regulatory notices include Paso Robles as a required permittee.
 3. The EPA's Storm Water Phase II Rule establishes a Storm Water Management Program that is intended to improve the surface waterways by reducing the quantity of pollutants that storm water carries into storm sewer systems. Common pollutants include silts, oil and grease from roadways, pesticides from lawns, sediment from construction sites, and carelessly discarded trash, such as cigarette butts, paper wrappers, and plastic bottles. When deposited into nearby waterways, these pollutants can impair the waterways, escalating to potentially discouraging recreational use of the resource, contaminating drinking water supplies, and interfering with the habitat for aquatic organisms, wildlife and plants.
 4. The U.S. EPA published the final rule with regards to NPDES Phase II requirement for municipalities. The City of Paso Robles is required to submit a Notice of Intent (NOI) to comply with the EPA ruling, along with the preparation of a Storm Water Management Plan (SWMP).

The Storm Water Management Plan must include how the City intends to address the six items required by the Permit. The City will have up to 5 years to implement programs once the Plan is approved by the Regional Water Quality Control Board, the six items are:

- Public Education and/or Outreach on Storm Water Impacts
- Public Participation and Involvement
- Illicit Discharge Detection and Elimination Procedures
- Construction Site Run-Off Control Procedures
- Post-Construction Run-Off Control Procedures
- Pollution Prevention/Good Housekeeping

5. On October 1, 2002, the City Council directed staff to engage the professional services of URS Corporation to assist the City in the preparation of the SWMP and the NOI. Both must be submitted to the Regional Water Quality Control Board by March 10, 2003.

ANALYSIS

AND

CONCLUSION: The City's Storm Water Management Program (SWMP) will address the quality of water that would be discharged to the County's natural creeks and rivers. To develop the plan, the City must identify all sources of water that would discharge into the natural creeks and rivers. The City must then develop Best Management Practices (BMP) to address and implement ongoing activities to monitor, measure and perhaps reduce pollutant loads. The plan must be comprehensive to satisfy and meet regulatory requirements.

A Draft SWMP is attached. URS Corporation will be giving a brief overview of the SWMP to Council. Copies of the Draft SWMP will be made available to the public for review and comment. A public comment opportunity is not required by the NPDES process, however, Council may provide for community input, as long as comments are submitted by 5:00 PM on Tuesday, February 18th. The Final Draft SWMP would then be presented to the City Council on March 4, 2003 and submitted to the Regional Board on March 10th.

POLICY

REFERENCE: 1972 Federal Water Pollution Control Act (also referred to as the Clean Water Act); 1999 US E.P.A. Storm Water Phase II Rules & Regulations

FISCAL

IMPACT: The Draft SWMP identifies BMP's that must be implemented providing an anticipated date of completion. Implementation cost estimates are attached. Funding sources outside the General Fund are uncertain. The City applied for a Water Bond Prop 50 Grant in the amount of \$400,000. Since Grant Funding is uncertain, a request for appropriation to implement BMP's will be integrated in the upcoming FY 2003/2004 Budget and 4-year Capital Improvement Program.

- OPTIONS:**
- a. For the City Council to set February 18, 2003 as the deadline date for comments to the City's Draft Storm Water Management Plan.
 - b. Amend, modify or reject the above option.

Attachments (2)

- 1) Draft Report
- 2) Preliminary Cost Estimate

**DRAFT STORM WATER
MANAGEMENT PLAN
IS AVAILABLE FOR
REVIEW IN THE LIBRARY
AND THE CITY CLERK'S
OFFICE**

Preliminary Budget Storm Water Management Program

BMP #	BMP Description	Responsible City Department	Budget	Year of Implementation
Public Education and Outreach				
PE-1	Adopt-A-Street Program	Public Works	Included in existing budget	Existing BMP
PE-2	Web page	City Manager	Included in existing budget	Existing BMP
PE-3a	General storm water fact sheet	Community Development	17500	2004
	City Storm Water Coordinator	Public Works	20000	2003
PE-3c	Business BMP brochure	Community Development	8000	2005
PE-3d	Illicit discharge fact sheet	Public Works	5000	2004
PE-4	Storm water hotline	Public Works	2500	2004
PE-5	Storm drain marking	Public Works	50000	2006
PE-6	Public event participation	Public Works	12500	2003
Public Participation				
PP-1a	Initial public meeting	Public Works	Included in existing budget	Existing BMP
PP-1b	Public meeting updates	Public Works	5000	2004/2006
PP-2a	Develop stock presentation	Public Works	Included in existing budget	2003
PP-2b	Community stakeholder presentation	Public Works	5000	2003
PP-3	Web page comment form	City Manager	5000	2004
PP-4	Volunteer creek clean-ups	Public Works	15000	2005
PP-5	City employee training	Public Works	Included in existing budget	2003
Illicit Discharge Detection and Elimination				
ID-1	Enforcement Authorities	Public Works	Included in existing budget	Existing BMP
ID-2	Hazardous materials/spill response & IWMA	Emergency Services	Included in existing budget	Existing BMP
ID-3	Storm drain mapping	Public Works	100000	2003
ID-4a	Inspect outfalls	Public Works	20000	2004
ID-4b	Response to illicit discharge identification	Public Works	5000	2004
ID-5	Illicit discharge detection outreach	Public Works	5000	2004
ID-6	Illicit discharge ordinance	Public Works	Included in existing budget	2003
Construction Site Storm Water Control				

CS-1	Revise grading ordinance	Community Development	Included in existing budget	2004
CS-2	BMP manuals	Community Development	5000	2004
CS-3	Construction public outreach	Community Development	5000	2003
Post Construction Storm Water Management				
PC-1	Existing policies and procedures	Community Development	Included in existing budget	Existing BMP
PC-2a	City construction projects	Public Works	75000	2003
PC-2b	Maintenance of existing water quality control measures	Public Works	Included in existing budget	2003
PC-2c	Enforcement actions	Com Dev/Pub Works	5000	2003
PC-3	Development requirements	Community Development	Reimburseable	2004
PC-4	Permitting process	Community Development	Reimburseable	2004
Good Housekeeping and Pollution Prevention				
GH-1	Facility maintenance	Public Works	Included in existing budget	Existing BMP/2004
GH-2	Integrated waste management	Public Works	Included in existing budget	Existing BMP/2004
GH-3	Facility surveys	Public Works	Included in existing budget	2005
GH-4	Facility BMP fact sheets	Public Works	5000	2004
GH-5	Employee training	Public Works	10000	2004
Total Preliminary Budget			380500	