

City of Goodyear

Storm Water Management Plan

In March, 2003, the City submitted a Storm Water Management Plan (SWMP) to the Arizona Department of Environmental Quality (ADEQ) in accordance with regulatory requirements. The SWMP outlines the City's program to develop, implement and enforce a storm water management program designed to reduce the discharges of pollutants to protect water quality. The City's SWMP addresses six minimum control measures as required by federal and state regulations.

Six Control Measures to be addressed:

- Public Education and Outreach
- Public Participation and Involvement
- Illicit Discharge Detection and Elimination
- Construction Site Runoff Control
- Post-Construction Runoff Control
- Pollution Prevention/Good Housekeeping

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The Public Education and Outreach control measure will target homeowners, restaurateurs, industry and the general public. At a minimum, the City will educate the general public on the impact of storm water discharges and ways the public can reduce pollutants through the distribution of educational brochures and flyers, and informational articles in the *CityReport* and the *West Valley View*.

The Public Participation and Involvement control measure will allow for public meetings that will provide an opportunity to discuss various viewpoints and provide input concerning appropriate storm water

management policies. This measure may also implement posting of storm drain labeling signs at catch basins advising "Storm Drain – No Dumping." Signs would also be posted at wash and river crossing advising "No Illegal Dumping."

The Illicit Discharge Detection and Elimination control measure will involve City staff and local citizens and agencies. The City has an existing Industrial Pretreatment Program that targets the identification and elimination

of illicit connections to the sanitary sewer system. This program will be revised to address illicit discharges to the storm water system. This may include routine outfall screening, field testing, and dye testing of storm water areas. Additionally, the current City Code Ordinance that restricts the discharge of chlorinated pool water to the sanitary sewer system, will be revised to provide for consequences. The public will also be encouraged to report illicit dumping of materials into the storm sewer system.

The Construction Site Runoff Control measure will place increased emphasis on inspection of construction sites during the winter rain and summer monsoon seasons. The City recognizes that construction site runoff can transport a significant amount of silt and sediment in a very short period of time. The City will be developing an Ordinance to address sediment erosion and dust control at construction sites. It will also include the proper disposal of site waste and penalties for non-compliance.

The Post-Construction Runoff Control measure is important to limit the amount of pollutants, including pesticides, herbicides, silt and sediment that is discharged to local receiving streams. The City's current storm water management control requires all residential developments to provide retention facilities to control storm water runoff during wet weather events. This program will be reviewed and possibly revised for improvement.

The Pollution Prevention/Good Housekeeping control measure will only be addressed by City staff. A program will be developed to ensure that pollution from municipal sources is minimized and that City employees are properly trained in the operation and maintenance of the storm water system and City-owned facilities. This will include the City's street sweeping program and increased training for the proper maintenance of the storm water system. The City will also review our current recycling program for potential improvements to help eliminate litter.

All of these control measures will be addressed over the next five years. At that time, the City will have deployed an ongoing, working Storm Water Management Plan to protect the City's most valuable resource, water.



Ground Water Retention Area



Watch for more information regarding the City's Storm Water Management Plan in the *CityReport* and the *West Valley View*.

