



# Monthly Public Works Report

May 2016

Town of Prosper  
Public Works

Water  
Water Conservation  
Wastewater  
Streets  
Storm water

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## Statistics at a Glance

Purchased Water into Storage – 86.783 MG

Gallons Flushed – 3.179 MG

Work Orders – 479

Row-of-Way Permits – 81

Public Works Inspections – 75

*Detailed information contained within the report*

## Public Works Update

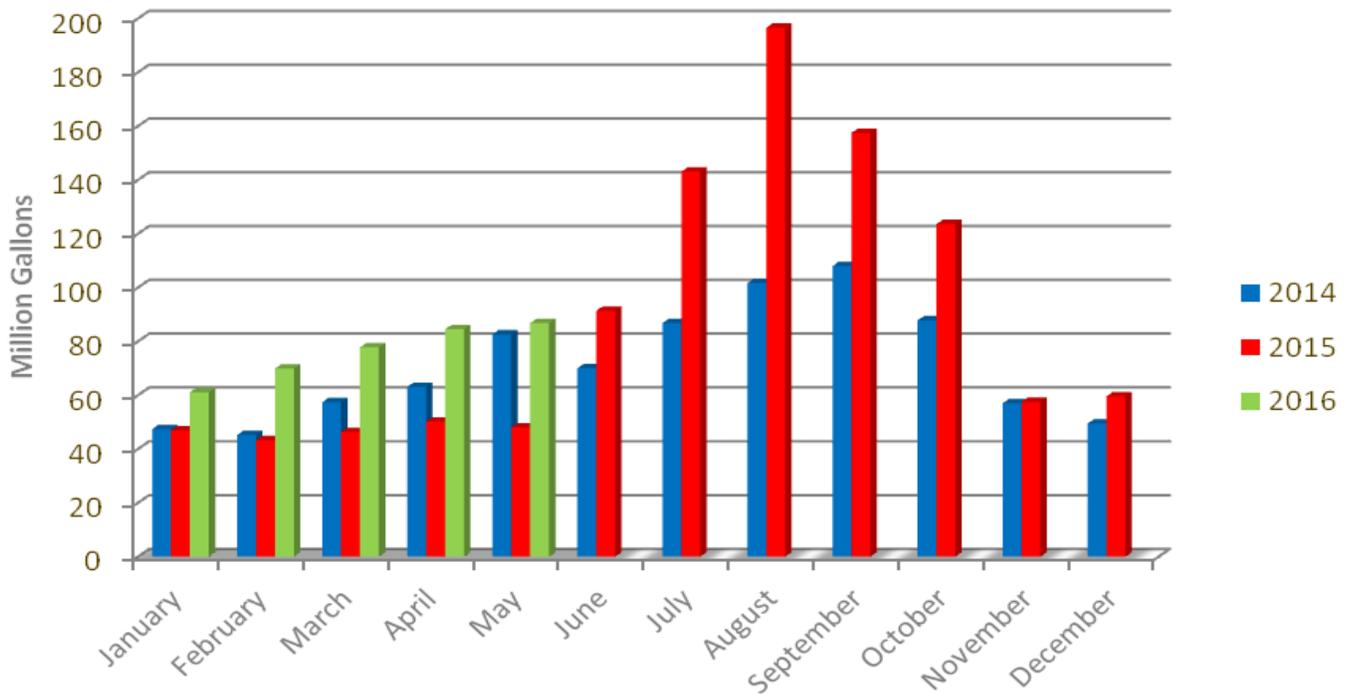
In May, the link to the 2015 Annual Water Quality Report was sent out to residents in their utility bill. Residents may also request a paper copy via email by contacting Tristan Cisco at Public Works.

Staff attends mandatory safety meetings each month. On Wednesday, May 4, 2016, and Friday, May 6, 2016, Comedy Defensive Driving taught a class on defensive driving to almost 40 employees.

Fishtrap Road will be closed to eastbound traffic only, began on Thursday, June 9, 2016, and will last approximately six weeks, weather permitting. Contractors will be reconstructing the road from Harper Road to Dallas Parkway.

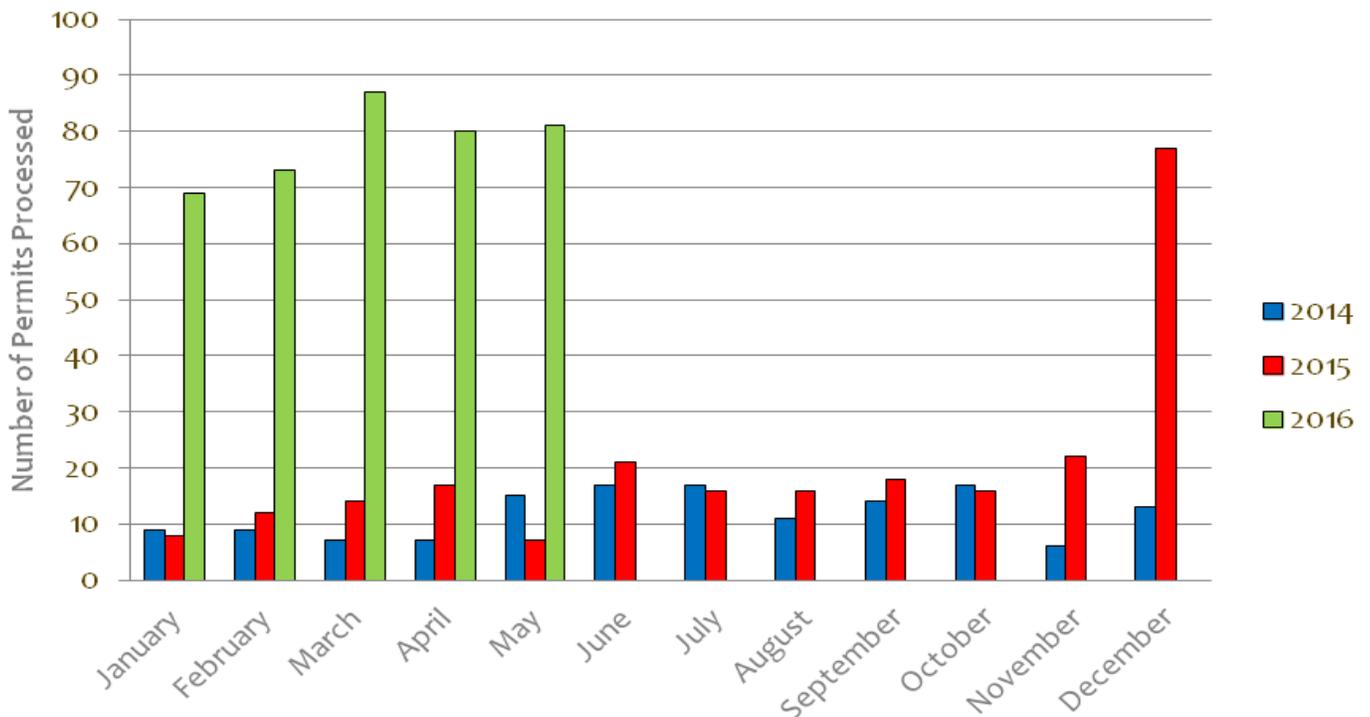
# Water

## Surface Water Pumped

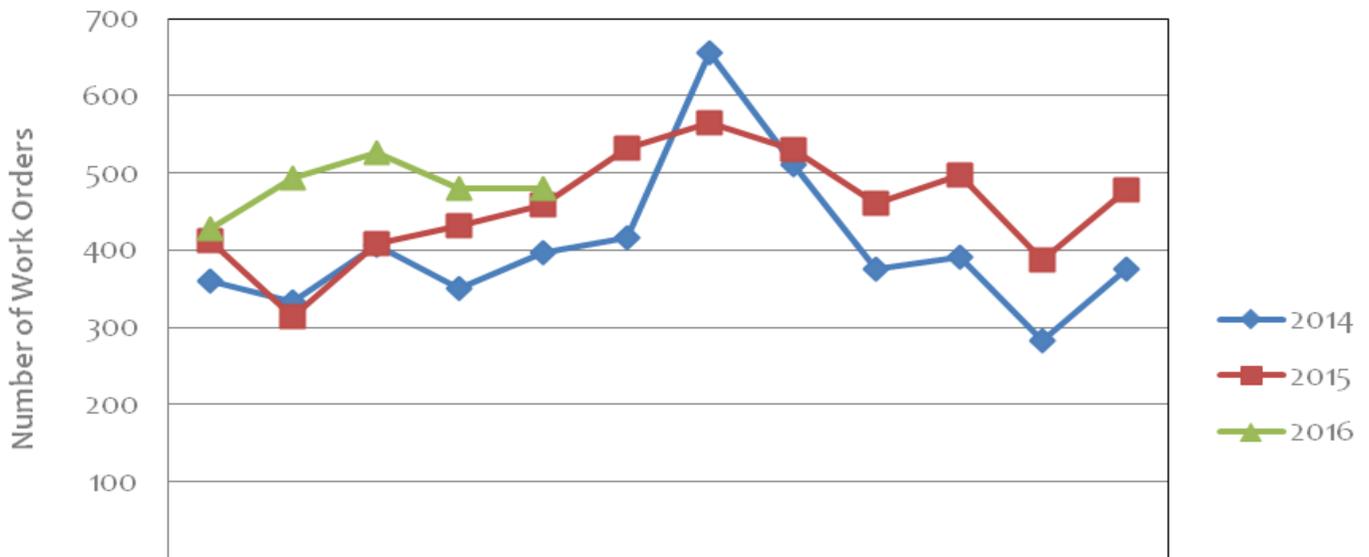


The Public Works Department pumped 86.783 million gallons (MG) of surface water in May. In April, we pumped 84.523 MG of water.

## Right-of-Way Permits

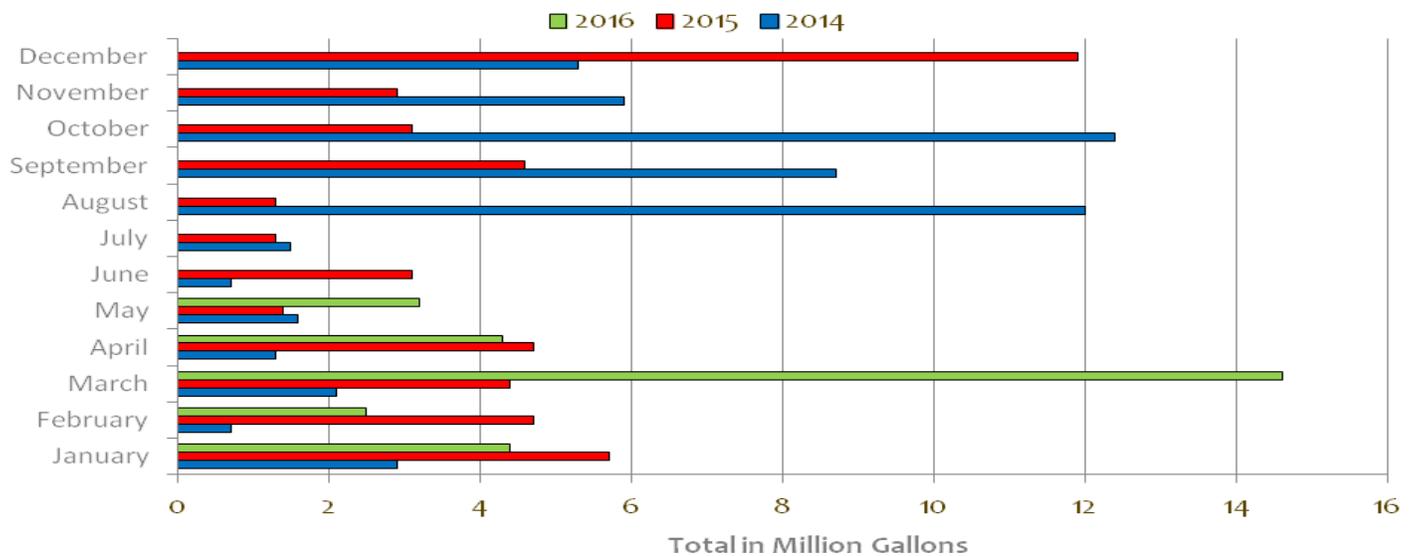


## Work Orders



Note: Work orders are possible repairs on equipment or lines, potholes, street signs, etc. that have been initiated by customers or staff. The work orders total also includes locate requests and other service requests that are entered into CityWorks.

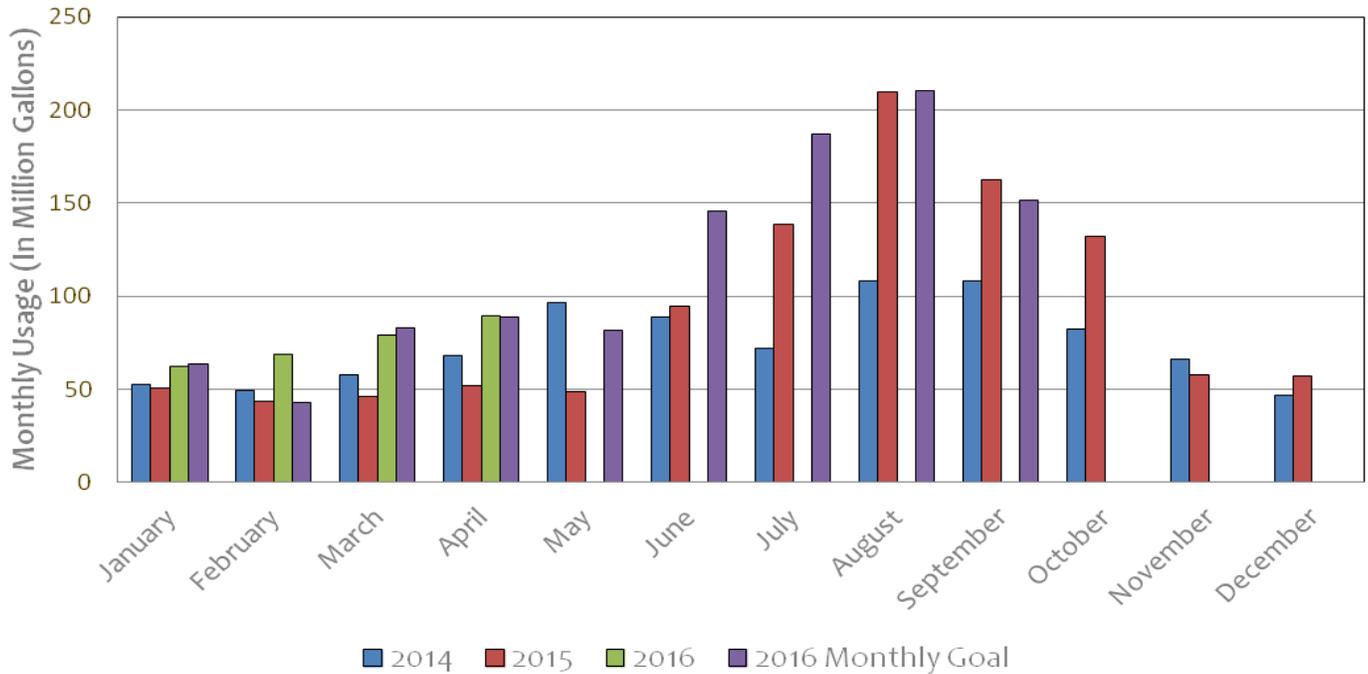
## Flushing



Staff continues to conduct the monthly flushing program which is required by Texas Commission on Environmental Quality (TCEQ). The program requires staff to flush each dead end main lines once a month to ensure the quality of the drinking water and maintain the free chlorine residual in the water. In May, staff flushed 3,179,334 gallons of water.

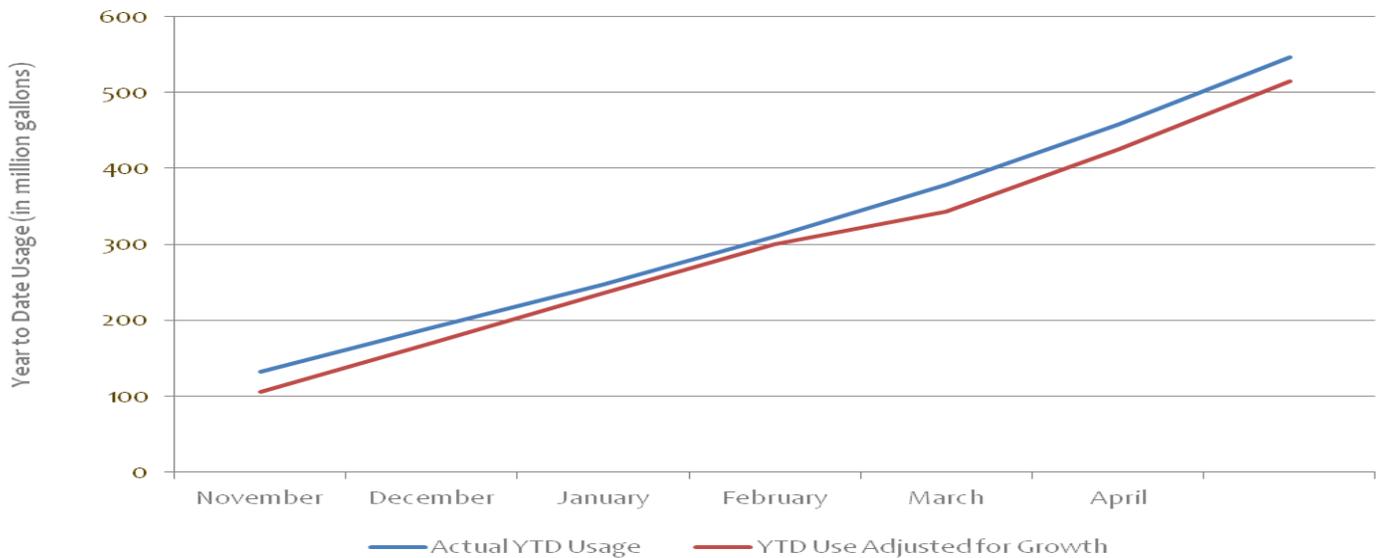
# Water Conservation

## Monthly Water Usage/Monthly Goal Comparison



The Town of Prosper was 304 MG under the Use Adjusted for Growth for the month of April. Staff is waiting for NTMWD to update their records for May.

## YTD Water Usage Comparison

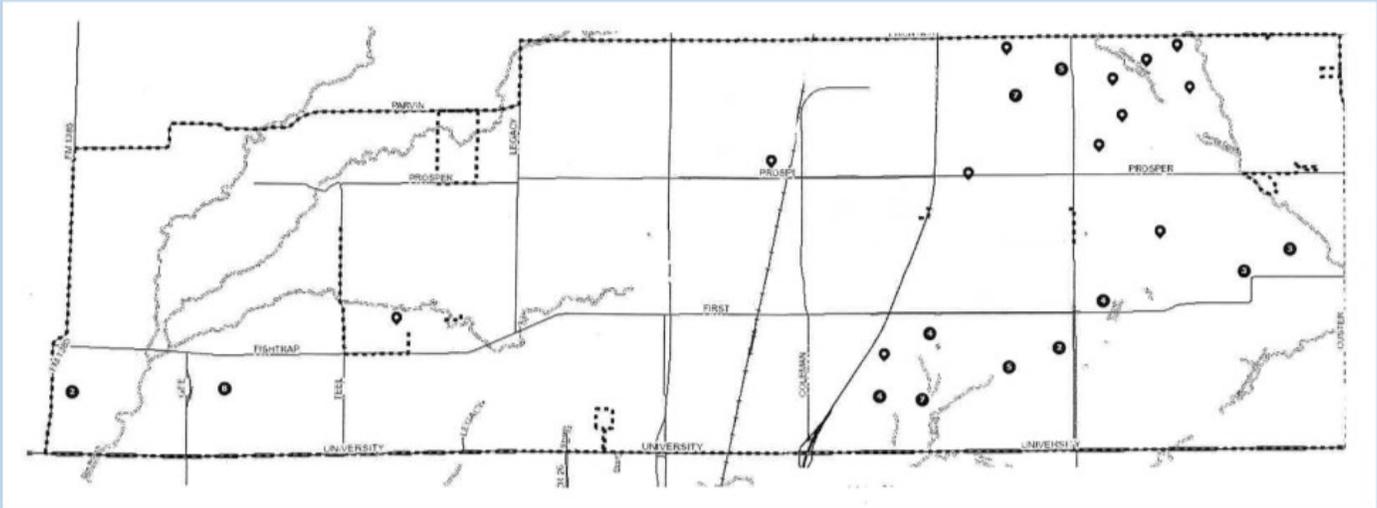


The Town of Prosper is 6.3% above the year-to-date amount 2010-11 use adjusted for growth goal for this fiscal year as of April. Staff is waiting for NTMWD to update their records for May. It is required by North Texas Municipal Water District, that we have educational programs in place to reduce the waste and over use of water.

# Water Conservation Programs

- Staff planned an H2O Landscape Saturday Workshop titled How 2 Operate your Sprinkler System for May 21, 2016, at the Craig Street Water Tower Earth-Kind Gardens; however, Texas A&M AgriLife had an unforeseen event which caused us to cancel the workshop.
- Tristan Cisco submitted an application for the 2016 TML Municipal Excellence Awards. Winners for the awards should be announced in August.

The Irrigation Evaluation Program has come to an end, and staff plotted the addresses of the residents who received the Irrigation Evaluations.

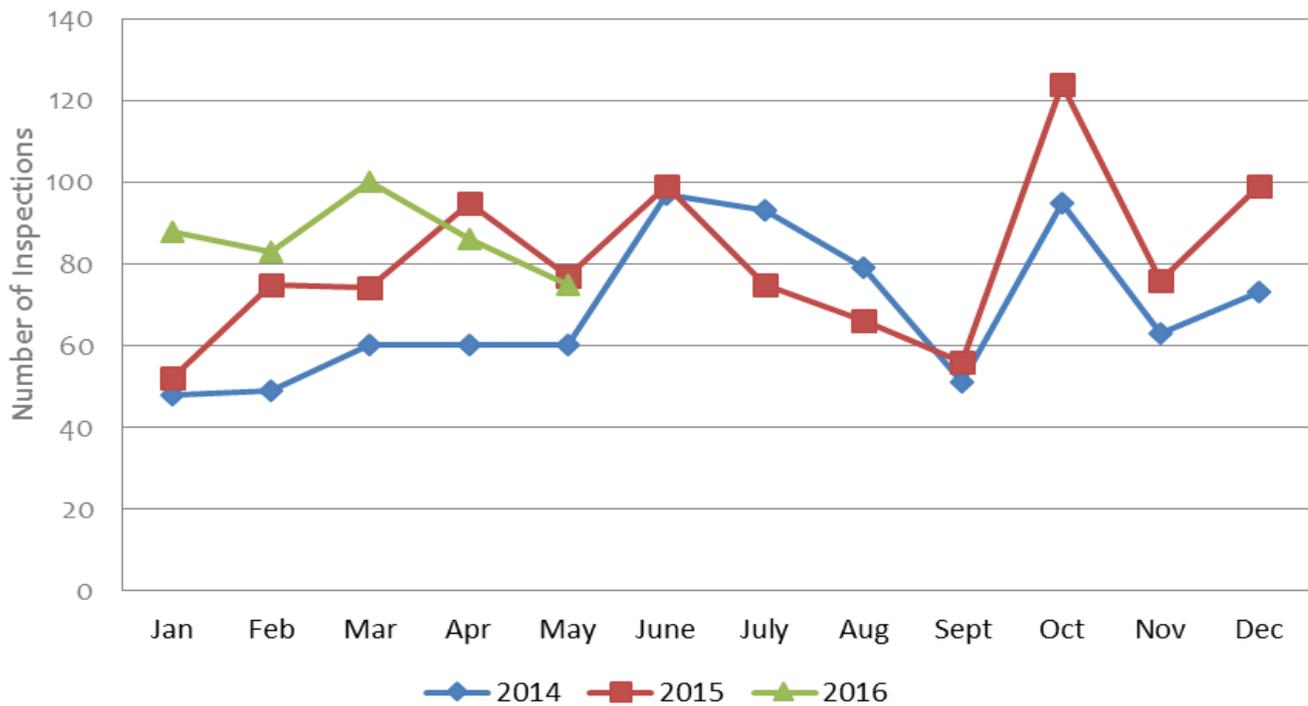


Master Gardeners from the State of Texas came to tour the Earth-Kind Gardens on Thursday, May 19, 2016. There were eight Master Gardeners present for the tour.



# Wastewater

## Public Works Inspections



Public Works completed 75 inspections this month Prior to Development Services issuing a Certificate of Occupancy, Public Works cameras the sewer service, inspects the right-of-way, the sidewalk, and Town maintained improvements. Public Works completed 479 work orders for May.

## Wastewater Update

- A contractor spilled sewage in several places in Town. Staff took the proper steps in cleaning the spilled areas, and reported the spillage to TCEQ.
- Staff cleaned two manholes behind Kroger and also jetted the service line at 315 East Third Street.
- Staff continues to inspect manholes and wastewater mains throughout Town as requested by the EPA. This acts as preventative maintenance to insure lines are in acceptable condition and not in need of repair. Staff inspected wastewater lines in Lakes of Prosper and Windsong Ranch, Phase 2D-1, and inspected a service at 315 East Third Street.
- The Wastewater Department continues to clean all the lift stations once a month to reduce pump failure and reduce backups.

# Streets

The Street Department continues to replace street signs in Town which are required to be hi-intensity to meet the new federal requirement for letter size and letter configuration.

The Adopt-A-Street Program has a total of 21 streets that are required to have quarterly clean-ups on twenty miles of roadway. There are no streets available for adoption, at this time.

Street Department patched a section of Church Street, north of Eighth Street.

Street Department cleaned the algae from the street on Broadway.

Staff added road base and graded the rock roads on the west side of Town. Staff also graded Pecan Street.

Staff began a drainage project along FM 1385 by Glenbrook Estates.



Street Department patched a crack in a storm inlet at 810 Ridgecross Road.

