

## Street Sweeper Located Throughout SRWD Area

### PROJECT BACKGROUND

The City partnered with the Sauk River Watershed District to purchase a regenerative air style street sweeper using a Clean Water Partnership Grant through the MN Pollution Control Agency. The virtually dustless, regenerative air sweeper uses high velocity air to dislodge sediment and debris from the road surface. The material is stored in the hopper until the unit is emptied. A targeted street sweeping schedule was developed to optimize removal rates to keep sediment and other pollutants from entering the Sauk River. The entire Watershed District area is split into three priority zones that are swept according to water quality needs. Sweeping is focused in the area to improve fine dust particle removal from the streets.

### PROJECT SUMMARY

- Street Sweeper Cost: \$253,000.
- Grant Funded Cost Portion: \$120,000
- Began using the new street sweeper spring 2013.

### PROJECT LAYOUT



### PROJECT SCHEDULE



**SUSTAINABILITY BENEFITS** – Street sweeping removes pollutants before they can reach the Sauk River.

#### Estimated Annual Pollution Reduction

2.0 pounds of phosphorus

7,400 pounds of solids