

# Little Niagara Creek off Putnam Dr

## Road Salt Monitoring Data Summary

### October 2012- March 2014<sup>1</sup>



Photo courtesy of Jim Beecher

**Volunteers:** Katy Grant and Tim Molitor (2012), Anastasia Burns and Alan Gustafson (2013-14)

#### Specific conductance summary:

- 18 measurements taken
- Minimum: 350  $\mu\text{S}/\text{cm}$  on 12/13/2012
- Maximum: 1740  $\mu\text{S}/\text{cm}$  on 11/26/2013
- Mean: 355  $\mu\text{S}/\text{cm}$

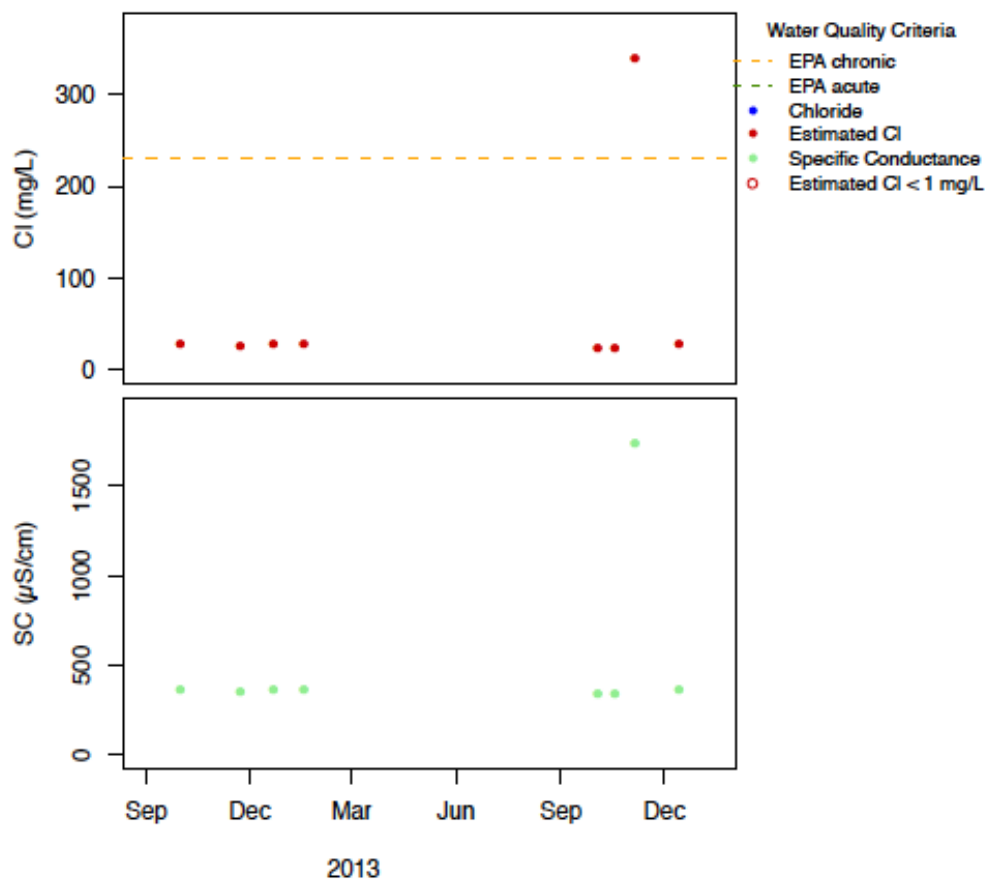
#### Chloride ( $\text{Cl}^-$ ) summary:

- N/A

#### EPA Acute and Chronic Exceedences for Chloride<sup>2</sup>:

Neither the EPA acute chloride standard of 860 mg/L nor EPA chronic chloride standard of 230 mg/L were exceeded at this site in 2012.

#### Results Through December 2013<sup>3</sup>:



<sup>1</sup> All data in SWIMS as of 8/26/2014 downloaded

<sup>2</sup> Source: EPA. 1988. Ambient Water Quality Criteria for Chloride. EPA 440/6-88-001.

<sup>3</sup> Calculated chloride:  $\text{Cl} = 0.225 * \text{SC} - 52.3$ ,  $\text{adjR}^2 = 0.74$