

## Areas that Discharge into TMDL Impaired Waters

The University of Minnesota Duluth discharges storm water to several streams considered total maximum daily load (TMDL) impaired waters as listed in MPCA 2004 tmdl-303d list.

These properties include:

- NRRI – Miller Creek – 303(d) waters for temperature and biota
- Limnology (East Side)– Lester River – 303(d) waters for turbidity and mercury
- Research and Field Studies Center (RFSC)\* – Amity Creek - 303(d) waters for turbidity

\*The RFSC is located outside the urban area of Duluth and therefore not specifically included in the UMD SWPPP, it is located on a tributary up stream of the TMDL impaired portion of Amity Creek.

According to the MPCA “The TMDL defines how much of a pollutant would be the maximum amount that could be discharged daily into a water resource from all sources in a surrounding area, while still allowing the water to be used for drinking water, fishing, swimming and other purposes.” <http://www.pca.state.mn.us/publications/mnenvironment/fall2001/tmdl.html>

Any new development of these properties should be sensitive to these existing problems and comply with any additional local, state or federal requirements for TMDL impaired waters.

For more information on total maximum daily loads and Minnesota’s waterways see <http://www.pca.state.mn.us/water/tmdl.html>