

Technical Report No. 65

MASS BALANCE ANALYSIS FOR CHLORIDE IN SOUTHEASTERN WISCONSIN

## **Appendix A**

# **ACRONYMS AND ABBREVIATIONS**



**Table A.1**  
**Acronyms and Abbreviations Used in This Report**

<b>Acronym/ Abbreviation</b>	<b>Description</b>
°F	Degrees Fahrenheit
ASAE	American Society of Agricultural Engineers
AU	Animal unit (1,000 pounds of live animal mass)
AWSSI	Accumulated Winter Season Severity Index
CaCl <sub>2</sub>	Calcium chloride
CaCO <sub>3</sub>	Calcium carbonate
CAFO	Concentrated animal feeding operation
CCR	Coal combustion residual
CDL	Cropland Data Layer
cfs	Cubic feet per second
Commission	Southeastern Wisconsin Regional Planning Commission
CTH	County Trunk Highway
FHWA	Federal Highway Administration
FWMCC	Flow-weighted mean chloride concentration
GIS	Geographic information system
gpd	Gallons per day
gpg	Grains per gallon
GRN	WDNR Groundwater Retrieval Network
IH	Interstate Highway
K <sub>2</sub> O	Potassium oxide
K <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	Potassium thiosulfate
K <sub>2</sub> SO <sub>4</sub>	Potassium sulfate
K <sub>2</sub> SO <sub>4</sub> ·MgSO <sub>4</sub>	Potassium-magnesium sulfate
KCl	Potassium chloride
kg/ha	Kilogram per hectare
km	Kilometer
KNO <sub>3</sub>	Potassium nitrate
lb	Pounds
MDSS	Maintenance Decision Support System
mg	Milligrams
mg/l	Milligrams per liter
MgCl <sub>2</sub>	Magnesium chloride
mgd	Million gallons per day
MMIA	Milwaukee Mitchell International Airport
MRCC	Midwestern Regional Climate Center
MS4	Municipal separate storm sewer system
NaCl	Sodium chloride
NADP	National Atmospheric Deposition Program
NASS	National Agricultural Statistics Service
NCDC	National Climatic Data Center
NCEI	National Centers for Environmental Information
NOAA	National Oceanic and Atmospheric Administration
NR	Natural Resources
NRCS	Natural Resources Conservation Service
NSN	National streamgaging network
NWIS	USGS National Water Information System
NWS	National Weather Service
ρ	Spearman's rank correlation coefficient

Table continued on next page.

**Table A.1 (Continued)**

<b>Acronym/ Abbreviation</b>	<b>Description</b>
R <sup>2</sup>	Coefficient of determination (R-squared)
Region	Southeastern Wisconsin Region
SEWRPC	Southeastern Wisconsin Regional Planning Commission
STH	State Trunk Highway
TOPS	Wisconsin Traffic Operations and Safety Laboratory
TR	Technical Report
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
USH	U.S. Highway
WBIC	WDNR Water Body Identification Code
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WPDES	Wisconsin Pollutant Discharge Elimination System
WSI	Winter Severity Index
WWTF	Wastewater treatment facility

Source: SEWRPC