**Mississippi-Grand Rapids watershed – Zonation input files (description of abbreviations)**

ag\_conv – agricultural conversion areas

alter\_hydro – altered hydrology (catchments)

biol\_sig – lakes of biological significance (catchments)

cult\_crop – cultivated crops

decl\_wq – catchments of lakes with declining water quality

drink\_wat\_vul – drinking water supply management areas/SWAs

ecol\_conn – ecological connections

geol\_sens – geologic sensitivity (groundwater/private wells)

gw\_contam – groundwater contamination susceptibility

gw\_recharge – areas with high groundwater recharge

hv\_forest – high value forest (old growth/HCVF)

impaired – impaired lakes (upstream catchments)

inv\_protect – inverse distance to protected lands (federal, state, county-owned)

inv\_urban – inverse distance to urban areas

inv\_water – inverse distance to water

mask – mask layer (water mask)

mbs – Minnesota Biological Survey sites of biodiversity significance

nwi – wetlands (NWI)

past\_hay – pasture/hay

prior\_forest – priority forest

rare\_feat – rare features

riparian – stream riparian areas

sens\_shore – sensitive lakeshore

shoreland – shoreland (land within 1000 feet of shoreline)

soil\_eros – soil erosion risk (EBI)

spi – areas with high erosive potential (stream power index)

tn – total nitrogen (catchment; HSPF)

tp – total phosphorus (catchment; HSPF)

tp\_sens – phosphorus sensitivity (catchment)

trout – trout streams

tss – total suspended sediment (catchment; HSPF)