

Resolution RPC No. 796

AMENDING THE DANE COUNTY WATER QUALITY PLAN
BY REVISING THE APPROACH TO WASTEWATER TREATMENT
AND DISCHARGE FOR THE VERONA URBAN SERVICE AREA

WHEREAS, the Dane County Regional Planning Commission has developed, adopted, and reaffirmed a Dane County Water Quality Plan, which has been certified as the official areawide water quality management plan for the Dane County region; and

WHEREAS, the Dane County Water Quality Plan currently provides for the Madison Metropolitan Sewerage District (MMSD) to operate a wastewater treatment plant (the Verona WWTP) discharging to the Sugar River; and

WHEREAS, a wastewater facilities plan update for the Verona WWTP was completed by MMSD and proposed that the Verona WWTP be abandoned and wastewater be transmitted to MMSD's Nine Springs treatment plant for treatment, and highly treated effluent returned to the Sugar River basin to balance the interbasin water transfer, and have subsequently developed design plans and details of returning effluent to Badger Mill Creek, a tributary of Sugar River; and

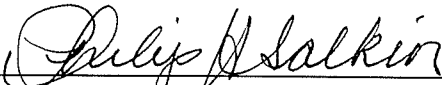
WHEREAS, the Dane County Regional Planning Commission is on record in support of the alternative recommended in the facilities plan update, and has approved Resolution RPC No. 738 for the implementation of the first phase of the recommended alternative; and

WHEREAS, the staff of the Dane County Regional Planning Commission have evaluated the impacts of the Verona wastewater management alternatives, have reviewed the MMSD facilities plan update and the effluent return design plans and details and reached the following conclusions:

- (a) that the facilities planning and environmental assessment support the abandonment of the Verona treatment plant and transmittal of Verona wastewater to MMSD for treatment;
- (b) that the potential long-term adverse impacts of this approach are serious enough that it is extremely important to pursue a strategy of returning or discharging highly treated wastewater to Badger Mill Creek;
- (c) that the alternative recommended by the MMSD facilities plan update to return treated effluent to the Sugar River basin successfully addresses interbasin water transfer concerns and can also reverse adverse hydrologic impacts already evident in Badger Mill Creek;
- (d) that the effluent return force main, cascade aerator and discharge structure, stream habitat improvement and monitoring, and flow control provide adequate measures to address water quality concerns associated with the discharge of highly treated effluent to the Badger Mill Creek.

NOW, THEREFORE, BE IT RESOLVED that in accordance with §66.945(9) Wis. Stats. and Section 208 of Public Law 92-500 the Dane County Water Quality Plan is amended to provide for the abandonment of the Verona wastewater treatment plant, the conveyance of wastewater generated in the Verona Urban Service Area to the Madison Metropolitan Sewerage District's Nine Springs Wastewater Treatment Plant for treatment, and the return and discharge of highly treated effluent to the headwaters of Badger Mill Creek to restore the hydrologic balance in the Sugar River basin.

January 30, 1997
Date Adopted


Philip Salkin, Secretary