



# Franklin Soil and Water Conservation District

*Creating Conservation Solutions for Over 70 Years*

## Attachment F

### 2018 Watershed Master Plan Assistance

#### Scope of Services

Franklin Soil and Water Conservation District (FSWCD) will provide assistance to the City of Columbus Department of Public Utilities (DPU) in the development of an 'urban source water time of travel' study. This study will focus on source water treated by the Dublin Road Water Plant. The intent is to develop a map/graphic to be used by water plant employees, rangers, and as an outreach/educational tool intended for local industrial businesses.

The study will be undertaken by means of a GIS analysis of the corridor management zone (CMZ) and emergency management zone (EMZ) associated with the Dublin Road Water Plant. The result of this study will be a graphic(s) showing coarse estimates on the time of travel of water from all locations in the CMZ and EMZ to the Dublin Road Water Plant. Two variations of the study will be conducted; one for average-flow events and one for high-flow events. Parameters and limitations will be further defined by DPU and FSWCD staff once the project is underway.

The study will utilize current, existing stormwater data provided by DPU, urban watershed delineations previously developed by FSWCD, and will be conducted in cooperation with DPU staff. The target date of completion will be October, 2018. If resources allow, the study developed for the Dublin Road Water Plant will be duplicated for the Hap Cremean Water Plant.

FSWCD will also assist DPU in the development and distribution of educational materials and outreach to further the implementation of source water protection initiatives outlined within Columbus' Watershed Masterplan.

#### Funding

The City of Columbus shall compensate the SWCD in the amount of \$20,000