

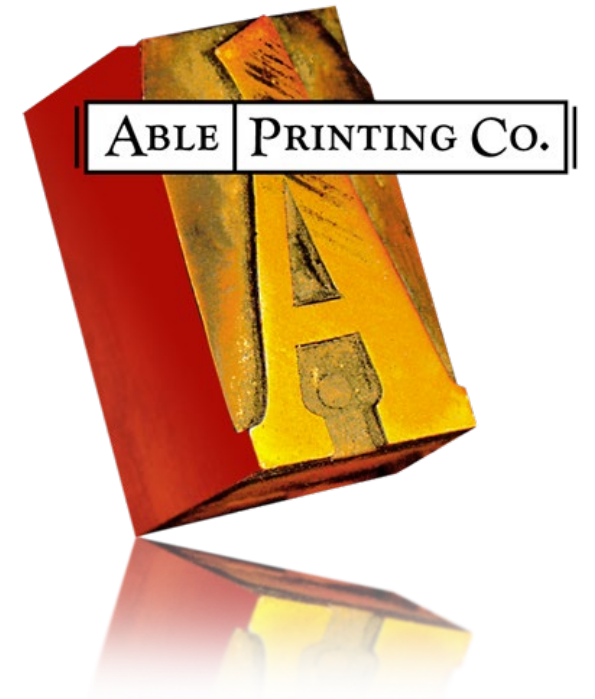
Central Ohio Stormwater Roundtable

7-27-23

Restoring Stormwater Services in Compacted Urban Soils



**Franklin Soil and Water
Conservation District**



Urban Program Sponsor

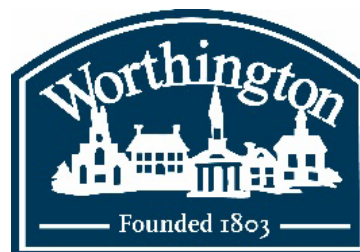
Community Partners



Franklin County
**BOARD OF
COMMISSIONERS**



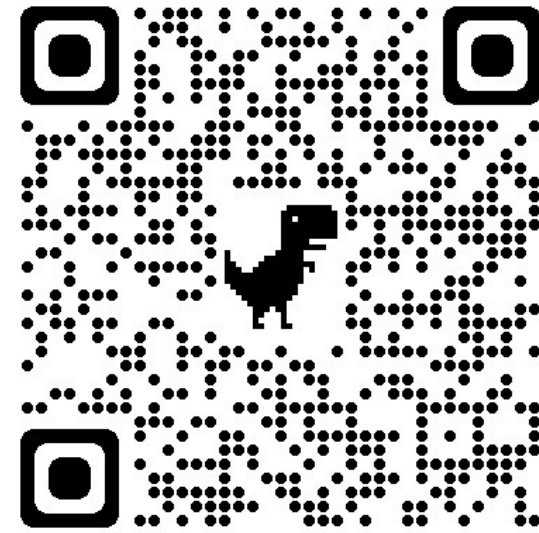
Real People. Real Possibilities.™



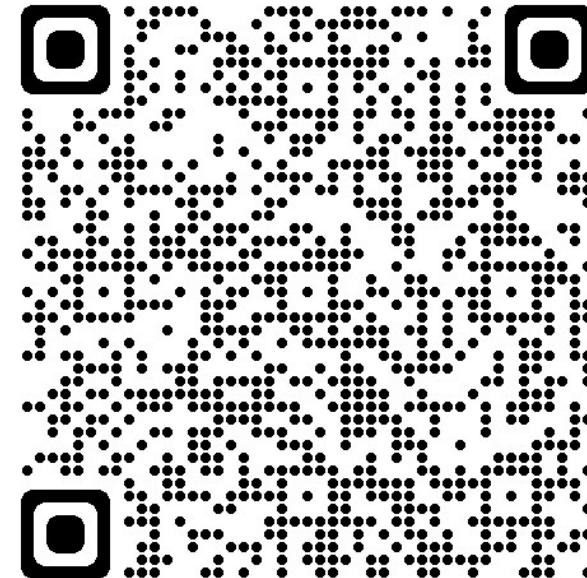
Upcoming Events



- Annual County PP&GH and Facility SWPPP Trainings Sept 14th
- Ohio Stormwater Awareness Week Oct 1st – 7th
 - <http://www.ohiostormwaterweek.org/>
 - <https://www.franklinswcd.org/stormwater-week>
- OSHA Regulatory Update Webinar – Oct. 5th
- Warren SWCD - Urban Chat 2 Wednesday, August 2nd • 12:00PM-1:00PM



SAW



Warren SWCD



Today's agenda:

- Presentations

Stu Schwartz, Ph.D., Senior Research Scientist,
Center for Urban Environmental Research and
Education at the University of Maryland

**Restoring Stormwater Services in Compacted Urban
Soils**

Questions & Discussion & Pizza!



Sustainability Toolkit - Practices

Non Structural And Programmatic

- Preservation/Conservation/Density
- Tree Code
- Riparian Setback/Drainage Easement



Sustainability Toolkit - Practices

Table 4b practices

Table 4b Infiltration Post-Construction Practices with Maximum Drain Times

Infiltration Practices	Maximum Drain Time of WQv
Bioretention ^{1,2,3}	24 hours
Infiltration Basin ^{2,3}	24 hours
Infiltration Trench ^{3,4}	48 hours
Permeable Pavement – Infiltration ³	48 hours
Underground Storage Facility – Infiltration ^{3,4,5}	48 hours

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Sustainability Toolkit - Practices

Runoff Reduction

- Impervious surface disconnection
- Rainwater harvesting
- Bioretention
- Infiltration basin
- Infiltration trench
- Permeable pavement with infiltration
- Underground storage with infiltration
- Grass swale
- Sheet flow to filter strip
- Sheet flow to conservation area

