

WATER QUALITY (WQ) FACILITY CONSTRUCTION SCHEDULE

1) ENGINEER TO ADD STEPS BASED ON THEIR SPECIFIC PROJECT'S WQ FACILITY.

2) WQ FACILITIES SHALL BE MAINTAINED UNTIL FINAL ACCEPTANCE (i.e. EROSION/SEDIMENT CONTROL, WATERING, WEED CONTROL, ETC. PER APPROVED PLANS AND THE WQ OPERATIONS & MAINTENANCE PLAN.)

3) REFER TO THE CITY OF WENTZVILLE'S STORMWATER FACILITY CONSTRUCTION INSPECTION CHECKLIST FOR GUIDANCE.

* INDICATES WHEN AN INSPECTION IS REQUIRED BEFORE INSTALLATION/BACKFILL; CONTACT YOUR CITY INSPECTOR 48 HOURS IN ADVANCE.

SCHEDULE	NOTES
ROUGH GRADING	Grade basins to be used as temporary sediment traps.
STABILIZATION	Stabilize berm/dam and surrounding areas at a density to prevent erosion when grading will be inactive for 30+ days (per SWPPP & Municipal Code Chapter 515).
SUBMITTALS (INFRASTRUCTURE)	At least two weeks prior to installation provide for infrastructure construction (pipe, inlets, OS, MH, etc.).
UTILITIES*	Install stormwater infrastructure (except underdrains).
AS-BUILTS (INFRASTRUCTURE)	Submit for installed infrastructure and the basin berm elevations/cross-sections (if applicable) to demonstrate Q and CPv (volumes) for dedication/acceptance and improvement guarantee release.
90% BUILD-OUT	WQ Facility installation can proceed, and shall be completed within two years after 90% buildout is achieved, contributing drainage areas are permanently stabilized, and submittals are approved.
SUBMITTALS (WQ)	At least two weeks prior to installation provide for WQ components (underdrains, rock type and gradation, soil media, mulch, plantings or seed type/quantity/source, geotextile, erosion control, proprietary devices).
SITE PREPARATION*	Stake normal pool elevation for aquatic plants. Ensure grades are appropriate for planting and drainage per plan. Remove invasives and weeds from planting areas. Jet storm lines as needed to remove mud/debris.
	Request Inspection prior to material ordering.
CONSTRUCTION*	Request onsite material approval prior to installation of WQ components. Request inspection prior to backfill for underdrain connections, and each rock and soil layer.
AS-BUILTS (WQ)	Submit for WQ components to demonstrate WQv (volume) if applicable.
SURVIVAL & MAINTENANCE PERIOD	If planting in summer months, watering is required - see Planting & Watering detail.
	Developer/owner completes maintenance until final acceptance and guarantee release.
	Survival & Maintenance Inspection is automatically scheduled by the City, or sooner upon request.
HAND-OFF MEETING	Required prior to final acceptance with the City, owner/trustees and developer to transition O&M responsibility and update O&M Plan contacts.
FINAL ACCEPTANCE	Release of Water Quality Guarantee.