



OPERATION AND MAINTENANCE SITE PLANS EXTENDED DETENTION BASIN (EDB) CHECKLIST FOR REQUIRED ITEMS

PLAN AND PROFILE SHEET shall include:

Plan view shall include:

- Location and labels for all major features of EDB (inflow structure(s), forebay, micropool, trickle channel, access road, outlet work(s), spillway, maintenance access ramps, embankment, etc.)
- Contours
- Other utilities in vicinity of EDB
- Total mow area including approximate mow boundaries on each side of EDB
- Cross-reference to EDB Operation and Maintenance Details sheet
- Linework and legend for right-of-way lines, lot lines, easements, and tracts
- Hatch indicating permanent water elevation in micropool.

Profile view shall include:

- Location and labels for all major features of EDB (inflow structure(s), forebay, micropool, trickle channel, access road, outlet work(s), spillway, maintenance access ramps, embankment, etc.)
- Invert elevations at major features of EDB (inflow structure(s), forebay, micropool, outlet work(s))
- Permanent pool elevation of micropool
- Water quality water surface elevation
- Water surface elevation of all applicable storm events

DETAIL SHEET shall include:

- Volume provided by the EDB forebay and micropool, including the WQCV
- WQCV drain time
- Seed mix
- Duplicate the following tables from the "Standard Operation Procedure for Extended Detention Basin Inspection and Maintenance" document:
 - Inspection and Maintenance Requirements at Specific EDB Features
 - Summary of Routine Maintenance Activities for an EDB
 - Summary of Minor Maintenance Activities for an EDB
 - Summary of Major Maintenance Activities for an EDB
- Water quality outlet works detail, including water quality plate detail
- Maintenance access road detail
- Trickle channel typical section
- Forebay edge detail (or cross section) which includes maximum allowed sediment depth in forebay
- Forebay release structure detail
- Spillway detail(s), including cutoff wall