



PE Certification Checklist for: Sand Filter Extended Detention Basin (SFB)

Grading

- Grading & slope grades completed per approved plans
- Properly sized perforated underdrain installed per approved plans
- Geotextile filter or impermeable liner installed

Soil Mixes (sand and gravel layers)

- Proper storage of soil mix prior to placement to ensure no cross contamination
- Underdrain Aggregate correct per approved plans
 - Load ticket verified
- Soil mix correct per approved plans
 - Load ticket verified

Forebay

- Built per approved plans
- Forebay volume per approved plans

Outlet Works

- Built per approved plans

Spillway Structure

- Built per approved plans

WQCV and Elevations

- WQCV per approved plans
- All elevations per approved plans

As built

- As built plans for permanent BMP

Recommended Key Phases for Observation

1. Final grading
2. Underdrain installation
3. Installation of soil mixes
4. Installation of forebay
5. Installation of overflow and spillway

Notes:

- 1) This checklist is not meant to be all inclusive and is for informational purposes only.
- 2) Initial all items that pertain to the approved plans.
- 3) Mark all items that do not pertain as N/A for not applicable.