

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

## SAND FILTER CONSTRUCTION PLAN CHECKLIST

GENERAL INFORMATION:

- \_\_\_\_\_ FILTER LOCATION
- \_\_\_\_\_ EX. & PROP. TOPOGRAPHY
- \_\_\_\_\_ ACCESS & MAINTENANCE EASEMENT
- \_\_\_\_\_ VICINITY MAP
- \_\_\_\_\_ NORTH ARROW & GRAPHIC SCALE
- \_\_\_\_\_ PE SEAL & SIGNATURE

- \_\_\_\_\_ COORD. WITH CITY REQUIREMENTS
- \_\_\_\_\_ UTILITY CONFLICTS
- \_\_\_\_\_ 100 YR. FLOODPLAIN
- \_\_\_\_\_ FILTER LABEL
- \_\_\_\_\_ CERTIFICATION OF RUNOFF CONTROL
- \_\_\_\_\_ ENGINEER - NAME, ADDRESS, TELEPHONE
- \_\_\_\_\_ OWNER - NAME, ADDRESS, TELEPHONE

FILTER DESIGN:

- \_\_\_\_\_ DRAINAGE AREA < 5AC.
- \_\_\_\_\_ LAYOUT DIMENSIONS
- \_\_\_\_\_ CROSS SECTION
- \_\_\_\_\_ SEDIMENT CHAMBER VOLUME
- \_\_\_\_\_ SEDIMENT CHAMBER SURFACE AREA
- \_\_\_\_\_ SEDIMENT CHAMBER DEPTH
- \_\_\_\_\_ SAND CHAMBER VOLUME
- \_\_\_\_\_ SAND CHAMBER SURFACE AREA
- \_\_\_\_\_ SAND CHAMBER DEPTH
- \_\_\_\_\_
- \_\_\_\_\_

- \_\_\_\_\_ UNDERDRAIN LINE W/ SOCK
- \_\_\_\_\_ 6" MAX. UNDERDRAIN
- \_\_\_\_\_ MIN. 12" SAND OVER UNDERDRAIN
- \_\_\_\_\_ DIVERSION DITCHES NEEDED
- \_\_\_\_\_ TOP OF SAND 2" - 6" BELOW WEIR
- \_\_\_\_\_ SLOPE ON EMBANKMENT (3:1 MIN.)
- \_\_\_\_\_ 10' BENCH FOR MAINT. AROUND FILTER
- \_\_\_\_\_ INLET PROTECTION

CONCRETE CONSTRUCTION:

- \_\_\_\_\_ THICKNESS OF SLAB OR WALL
- \_\_\_\_\_ REINFORCING
- \_\_\_\_\_ STRENGTH OF CONCRETE
- \_\_\_\_\_ WATERSTOPS
- \_\_\_\_\_ JOINT SPACING

NOTES:

- \_\_\_\_\_ SAND FILTER MAINTENANCE RESPONSIBILITY
- \_\_\_\_\_ PRECONSTRUCTION MEETING
- \_\_\_\_\_ FULL DESIGN VOLUME

- \_\_\_\_\_ PE CERTIFICATION OF COMPLETION
- \_\_\_\_\_ RIGHT OF ACCESS FOR INSPECTION

OTHER:

- \_\_\_\_\_ OPERATION & MAINTENANCE MANUAL
- \_\_\_\_\_ OTHER PERMITS (WETLAND, FLOODPLAIN,  
DAM SAFETY)
- \_\_\_\_\_ SPECIFICATIONS

COMMENTS:

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