

PROJECT: _____

DATE: _____

SAND FILTER CONSTRUCTION PLAN CHECKLIST

GENERAL INFORMATION:

- | | |
|--|--|
| <input type="checkbox"/> FILTER LOCATION | <input type="checkbox"/> COORD. WITH CITY REQUIREMENTS |
| <input type="checkbox"/> EX. & PROP. TOPOGRAPHY | <input type="checkbox"/> UTILITY CONFLICTS |
| <input type="checkbox"/> ACCESS & MAINTENANCE EASEMENT | <input type="checkbox"/> 100 YR. FLOODPLAIN |
| <input type="checkbox"/> VICINITY MAP | <input type="checkbox"/> FILTER LABEL |
| <input type="checkbox"/> NORTH ARROW & GRAPHIC SCALE | <input type="checkbox"/> CERTIFICATION OF RUNOFF CONTROL |
| <input type="checkbox"/> PE SEAL & SIGNATURE | <input type="checkbox"/> ENGINEER - NAME, ADDRESS, TELEPHONE |
| | <input type="checkbox"/> OWNER - NAME, ADDRESS, TELEPHONE |

FILTER DESIGN:

- | | |
|--|---|
| <input type="checkbox"/> DRAINAGE AREA < 5AC. | <input type="checkbox"/> UNDERDRAIN LINE W/ SOCK |
| <input type="checkbox"/> LAYOUT DIMENSIONS | <input type="checkbox"/> 6" MAX. UNDERDRAIN |
| <input type="checkbox"/> CROSS SECTION | <input type="checkbox"/> MIN. 12" SAND OVER UNDERDRAIN |
| <input type="checkbox"/> SEDIMENT CHAMBER VOLUME | <input type="checkbox"/> DIVERSION DITCHES NEEDED |
| <input type="checkbox"/> SEDIMENT CHAMBER SURFACE AREA | <input type="checkbox"/> TOP OF SAND 2" - 6" BELOW WEIR |
| <input type="checkbox"/> SEDIMENT CHAMBER DEPTH | <input type="checkbox"/> SLOPE ON EMBANKMENT (3:1 MIN.) |
| <input type="checkbox"/> SAND CHAMBER VOLUME | <input type="checkbox"/> 10' BENCH FOR MAINT. AROUND FILTER |
| <input type="checkbox"/> SAND CHAMBER SURFACE AREA | <input type="checkbox"/> INLET PROTECTION |
| <input type="checkbox"/> SAND CHAMBER DEPTH | |
| <input type="checkbox"/> | |
| <input type="checkbox"/> | |

CONCRETE CONSTRUCTION:

- | | |
|--------------------------|---------------------------|
| <input type="checkbox"/> | THICKNESS OF SLAB OR WALL |
| <input type="checkbox"/> | REINFORCING |
| <input type="checkbox"/> | STRENGTH OF CONCRETE |
| <input type="checkbox"/> | WATERSTOPS |
| <input type="checkbox"/> | JOINT SPACING |

NOTES:

- | | |
|---|---|
| <input type="checkbox"/> SAND FILTER MAINTENANCE RESPONSIBILITY | <input type="checkbox"/> PE CERTIFICATION OF COMPLETION |
| <input type="checkbox"/> PRECONSTRUCTION MEETING | <input type="checkbox"/> RIGHT OF ACCESS FOR INSPECTION |
| <input type="checkbox"/> FULL DESIGN VOLUME | |

OTHER:

- | | |
|---|---|
| <input type="checkbox"/> OPERATION & MAINTENANCE MANUAL | <input type="checkbox"/> SPECIFICATIONS |
| <input type="checkbox"/> OTHER PERMITS (WETLAND, FLOODPLAIN,
DAM SAFETY) | |

COMMENTS:
