

## **Specifications**

### **For In-Line Stormwater Treatment System**

1. The device shall have the capability of treating, at a minimum, the first flush, or stormwater treatment volume from a 1-inch rainfall event from a typical urban watershed area of 37 acres.
2. The device shall be able to pass the maximum flow rate for a 36-inch diameter pipe without creating an obstruction or additional head loss.
3. The device shall be able to fit in a 15-foot wide easement and remove, at a minimum, 80 percent of the total suspended solids (TSS) from the first flush.
4. The manufacturer must also provide independent verification that the device can achieve that removal rate.
5. The device shall provide adequate access for personnel and/or equipment for maintenance purposes.
6. One unit must have a top capable of allowing visual observation.
7. The vendor must be able to provide construction oversight and inspection.
8. Quote to include installation of fully operational structure.