



## **VWEA Wastewater Collection System of the Year**

VWEA will request nominations for Wastewater Collection System of the Year Award to be offered in the Small (<500 miles of pipelines) and Large (>=500 miles of pipelines) categories. Recipients of the award will have demonstrated that the utility performs quality collection system maintenance procedures through the efficient use of labor, materials, equipment, and innovative methods to keep its collection system in good working condition to minimize the environmental impact, public health hazards, and property damage that occur from sanitary sewer overflows during both wet weather and dry weather conditions.

### **Criteria**

System details and performance metrics will be required as follows:

- Miles of gravity sewer
- Miles of force main
- Number of pump stations
- Number of O&M staff per mile of pipe
- Percent of O&M staff time spent performing reactive versus preventive maintenance
- O&M Staff Safety Training tracking
- Approximate number of customers
- Utility has digital mapping of system
- Utility has CMMS system capturing >90% of assets in system
- Utility has written MOM Program that is reviewed and updated at least every five years
- Written SSO Emergency Response Plan exists and is updated at least every five years
- Number and volume of the previous two calendar year sanitary sewer overflows broke down as follows:
  - Grease
  - Roots
  - Collapsed pipe
  - Pump Station failure
  - Force main (or valve) failure
  - Third Party Cause (Damage from others, power outage)
  - Dry Weather Capacity
  - Wet Weather Capacity
  - Other
- Number of chronic SSO locations in system (more than 2 events in last five years)
- Utility has systemwide flow and pressure monitoring program?

- Number of flow monitors per mile of pipe
- Utility has detailed pump station preventive maintenance program in place?
  - Percent of pump station PMs performed in last 2 years
- Utility has detailed gravity sewer investigation and cleaning program in place?
  - Percent of gravity system inspected in last 2 years
  - Utility has detailed hot spot cleaning/root treatment program in place
  - Utility uses NASSCO PACP and MACP for pipeline assessment
- Utility has a detailed force main condition assessment program in place?
  - Percent of force main system assessed in last 2 years
- Utility has detailed valve operation and maintenance program?
  - Percent of valves operated in last 2 years
  - Percent of pipeline system rehabilitated or replaced in last 2 years
- Utility/Locality has Sewer Use/FOG Ordinance in place and inspects FSE on regular schedule?
  - Percent of FSEs inspected in last 2 years
- Innovative operation and maintenance efforts (not capital projects)
- Other reasons to support nomination