Trap located indoors or outdoors, with outdoor temperatures above freezing

1. Frequency and time of inspection and service;
   (a) For systems that provide summer cooling and winter heating during cooling operation:
      - Annually—at initial system start-up for cooling
      - Semiannually—at initial system start-up and at second system start-up if facility is shut down annually for a week or more, e.g., schools

      During Heating operation:
      - Biweekly, between cooling system and shutdown and the beginning of winter heating

   (b) For systems that provide summer cooling and winter cooling
      - Semiannually—at 6-mo: intervals (one inspection must be made at system start-up, following an annual shutdown of facility for a week or more, e.g., schools

2. Maintenance effort required:
   (a) At each annual inspection (and semiannually if need is indicated)
      - Physically remove flow-blocking algae and/or debris, or replace trap
      - Flush with water
      - Treat with EPA approved biocide and
      - Fill trap with water and add biocide tablets

   (b) At each biweekly inspection
      - Fill with water and add biocide tablets if need is indicated.

3. Equipment and material needed:
   (a) Internal pipe scraper
   (b) New trap
   (c) Water hose
   (d) Biocide

4. Estimated time required:
   (a) Annually and semiannually:
      - 5 min per inspection + (25 min travel time to and from maintenance shop and system site)
      - 0 to 60 min per time serviced + (25 min travel time to and from maintenance shop and system site)

   (b) Biweekly:
      - 5 min, per time serviced + (25 min travel time to and from maintenance shop and system site)

Trap located outdoors, with outdoor temperatures below freezing

1. Frequency and time of inspection and service:
   (a) For systems that provide summer and winter cooling and winter heating during cooling operation:
      - Not possible to maintain drain seal with a trap during winter cooling under these conditions—flowing condensate will freeze in trap, block flow, and damage trap

   (b) During heating operation:
      - Not possible to maintain drain seal with a trap during winter heating under these conditions—unless the trap is filled with water, it will not hold a seal and when filled, water will freeze and block condensate flow.