

**Guidance For Establishing Influent and Effluent Sampling Locations**  
**(3/21/07)**

I. Influent Sampling Location Criteria:

- a. Location must provide a sample that is representative of influent flow stream.
- b. Location must be upstream of any sidestream loading (i.e. supernatant from sludge holding tanks, filtrate/centrate from sludge dewatering, return activated sludge (RAS) flow), except septage.
- c. Location must be downstream of a comminutor or bar rack/screen so as to avoid large solids and debris, and upstream of a fine mechanical screen.
- d. Location must be upstream of any treatment, including aerated grit removal systems, chemical addition and/or equalization. Influent is raw sewage that has not received any treatment at the facility.
- e. Location must be near the center of the flow stream, near mid-depth, and in a well-mixed area. Corners of tanks and channels, stagnant areas, obstructions in flow, etc. must be avoided.
- f. Location must include flow from all pipelines that convey raw sewage to the facility.

II. Effluent Sampling Location Criteria:

- a. Location must provide a sample that is representative of the final effluent discharged to receiving waters.
- b. Location must be near the center of the flow stream, near mid-depth, and in a well-mixed area. Corners of tanks and channels, stagnant areas, obstructions in flow, etc. must be avoided.
- c. Location must be downstream of all treatment processes, including disinfection (chlorination/dechlorination, ultraviolet light, etc.).