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.).