

Change of Sampling Site for Disinfection Byproducts (TTHM and HAA5)

Note: The replacement site must meet the same targeting criteria as the original site. For example: If the original site was a location where high levels of TTHM were expected, then the replacement site must also be a high TTHM location. If only one site was used in the past, chose a replacement site with the highest levels of TTHM.

Typical Characteristics of Selected Sites

High TTHM sites are at the maximum residence time and are often located:

- hydraulically downstream of storage facilities and booster disinfection,
- in hydraulic dead-ends, where flow of water is low or stagnant, or
- near the ends of the distribution system, at or before the last group of customers.

High HAA5 sites are often located:

- in average residence time locations,
- after booster disinfection with chlorine, or
- low but detectable chlorine residual.

Sample sites should **not** be located:

- at a dead-end where there are no customers,
- before booster disinfection with chlorine,
- after the last hydrant or blow-off point, or
- in areas with significant biofilms or high heterotrophic bacteria plate count.

System Name: _____ PWSID: IA _____

Targeting criteria for the original site (circle one):

High TTHM or High HAA5 or Reduced High TTHM and High HAA5

Sample Point ID: DB__ __

(Note: The sample point ID from the original site will continue to be used for the new site.)

Original site address: _____

New site address: _____

Approximate distance between the two sites: _____

Reason for changing the site: _____

Name (print): _____ Title: _____

Signature: _____ Date: _____

Next step:

1. Keep this form with your current Stage 2 DBPR Sampling Plan.
2. Send a copy of the form to:

Iowa DNR – Water Supply Operations Section
502 E. 9th ST
Des Moines, IA 50319-0034