



# 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
- High HAA5
- 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  
6200 Park Ave Ste 200  
Des Moines IA 50321