TOTAL COLIFORM SAMPLING

TOTAL COLIFORM – 1 - 250ml plastic bottle. Fill bottle to the marked line. Do not pour out if filled above line. Avoid touching inside of cap and bottle.

Temperature controls

1 TC sample – 1 temp. control

2+ TC samples – 2 temp. controls, one at the beginning of sampling and one at the end of sampling

DISINFECTION BYPRODUCT SAMPLING

HALOACETIC ACID – 2 - 40ml amber glass vials. Fill vials with water sample, create meniscus at top surface of water. Cap bottle without trapping air bubbles. After capping, invert vial and check for air bubbles. If air bubbles present, repeat last step.

TRIHALOMETHANES- 2 - 40ml glass amber vials. Fill vials with water sample, create meniscus at top surface of water. Cap bottle without trapping air bubbles. After capping, invert vial and check for air bubbles. If air bubbles present, repeat last step.

HAWAII DEPARTMENT OF HEALTH
SAFE DRINKING WATER BRANCH

DRINKING WATER SAMPLING FIELD REFERENCE GUIDE

NITRATE - 1 - 250ml plastic bottle. No additives. Rinse bottle 3 times. Fill water sample to rim of bottle and cap bottle.

METAL - 1 - 500ml plastic bottle. No additives. Fill water sample to rim of bottle and cap bottle.

GLYPHOSATE - 1 - 40ml amber glass vial. Fill vial with water sample, create meniscus at top surface of water. Cap bottle. After capping, invert vial and check for air bubbles. If air bubbles present, repeat last step.

EDB/DBCP/TCP - 2 - 40ml clear glass vials. Fill vials with water sample, create meniscus at top surface of water. Cap bottle. After capping, invert vial and check for air bubbles. If air bubbles present, repeat last step.

HERBICIDES - 2 - 40ml amber glass vials. Fill vials with water sample, create meniscus at top surface of water. Cap bottle. After capping, invert vial and check for air bubbles. If air bubbles present, repeat last step.

VOC - 2 - 40ml amber glass vials. Fill vials with water sample, create meniscus at top surface of water. Add 2 drops of HCL into sample and cap. After capping, invert vial and check for air bubbles. If air bubbles present, note on the COC. DO NOT open cap and add sample water

CARBAMATE - 1 - 40ml amber glass vial that contains a powdered preservative. Fill vial with water sample, create meniscus at top surface of water and cap vial. After capping, invert vial again and check for air bubbles. If air bubbles present, repeat last step.

SOC- 1 – 1 L amber glass bottle. Fill bottle ¾ full with water sample. Cap bottle and gently invert the bottle to mix water. Pour HCL from 40 ml clear glass vial into sample water. Fill bottle with water to the base of the neck and cap.