



Water Distribution Sampling & Testing Programme -- An example

Sampling Dates

Jan	15			
Feb	15			
Mar	10	20		
Apr	10	20		
May	5	15	20	30
Jun	5	15	20	30
Jul	5	15	20	30
Aug	5	15	20	30
Sep	5	15	20	30
Oct	10	20		
Nov	15			
Dec	15			

Sampling Criteria & Locations

System Sites:

1. Raw water @ intake
2. Post Treatment @ Treatment Plant
3. Distribution site A
4. Distribution site B
5. Distribution site C

Testing Criteria

A. Field Tests

The operator or sampler will conduct & record results at each sample location the following: temperature

- pH
- turbidity (or total dissolved solids)
- residual (& total) chlorine
- dissolved oxygen (optional)

At each designated site, a sample for laboratory analysis will be collected (reference sampling information factsheet)

Program I

All sites

Tests

Total & Fecal Coliforms

Program II

Sites 2 + one distribution site

Total & Fecal Coliforms
 Yeast, Fungi, Aeromonads,
 Iron & Sulfur Bacteria
 Total Plate Count
 (Water District Screen)

Sites 1 & remaining sites

Total & Fecal Coliforms

Program III

Sites 2 + one distribution site

Total & Fecal Coliforms
 Yeast, Fungi, Aeromonads,
 Iron & Sulfur Bacteria
 Total Plate Count
 (Water District Screen)
 Algal Enumeration & ID
 Turbidity

Site 1

Total & Fecal Coliforms
 Algal Enumeration & ID
 Turbidity

Sites remaining sites

Total & Fecal Coliforms

Special Sampling:

Twice per year (once in Spring & once in Fall)

Site 1

Parasites including Cryptosporidium & Giardia

Site 2

Metals Scan

including Al,Sb,As,Ba,Be,Bi,Cd,Ca,Cr,
 Co,Cu,Au,Fe,La,Pb,Mg,Mn,Mo,Ni,P,K,
 Si,Ag,Na,Sr,Ti,W,V,Zn, Hardness, pH

Site 3

THM's

Variations may include substituting a Microbial Identification for the Water District Screen during routine sampling or at the spring/fall special sampling times.

Other detailed tests may also be advisable if there is a history of industrial, agricultural or naturally occurring contaminants in the watershed catchment areas.

M.B. Laboratories will supply all appropriate containers or specialized sampling equipment (such as the parasite collection kit) upon request.

Hope this is useful. Should you require additional information, please feel free to contact me at any of the numbers below.

Laboratory Shipping Address

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