

SAMPLE SITE PLANS

Sample siting plans must be submitted to the Drinking Water Program (DWP) for approval before January 1, 1991. A minimum number of sites must be used for routine sample collection during each calendar year. The number of sites for each system is as follows:

<u>Population</u>	<u>Samples/Mo.</u>	<u>Samples/Yr</u>	<u>Sites</u>
< 1000	1	12	5
1001-2500	2	24	7
2501-3300	3	36	9
3301-4100	4	48	12
4101-6700	5-7	60-84	15
6701-21500	8-20	96-240	20
21501-59000	25-60	300-720	30
>59001	70-	840-	40

This chart indicates the minimum number of sample sites necessary. You may designate more if desired. Sample sites must be rotated on a regular basis.

Criteria to use when choosing sampling sites are as follows:

1. Accessible at reasonable times of the day for sampling
2. Available during entire year
3. Sites located across entire system
4. Not the last service on a deadend line
5. Site has a tap suitable for sampling. Preferably a single cold water non-swivel tap.

If it is necessary to change a sampling site, a written request should be submitted to DWP indicating the reason for the change and the location of the new site to be substituted.

Systems using groundwater as the sole source of their water supply and serving less than 4901 people may take all samples in one day. Other systems must indicate a timetable during a month when samples will be taken. For example, a system taking six samples will take two samples during each of the first three weeks of each month.

Sampling sites must be representative of the water across the entire distribution system. A map of the distribution system which clearly indicates the location of each sampling site as well as all water sources and reservoirs must be submitted to the Drinking Water Program. A chart with the complete description of each sampling point including an address and the specific sampling tap at that sample site must also be submitted. (See enclosed examples.) Sites must be accessible at all reasonable times. To meet repeat sampling requirements, it must be possible to obtain a sample from within five service connections both upstream and downstream of each designated sample site.

A "sample site number" should be assigned to each site. When a sample is obtained from a particular site, **THIS SAMPLE SITE NAME AND NUMBER MUST BE NOTED ON THE SAMPLING FORM**. Systems must realize that the new sample forms will not be available immediately; however, sample site, sample site number, and EPA ID number must still be indicated on the sample form. Laboratories have been instructed to reject all samples from public water supplies that do not have a sampling site and sampling site number noted on the form.

Seasonal non-community water systems should have their plans submitted six weeks prior to their opening for the Summer of 1991. Any systems that consist of a single building or service connection (Example-a bait shop consisting of one building with its own well) should submit a letter to DWP indicating this situation. A sampling plan does not have to be submitted in this case.

Siting plans must be submitted to Drinking Water Program, Foss Building, Pierre, SD 57501-3181. If there are any questions on this matter, please contact Barbara Friedeman of the Drinking Water Program in Pierre. (Phone: 605-773-3754)