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Many of them had the same characteristics, which proceeds to the region. Specific conditions should be considered, such as the size of the sampling area (less than 10 days) for

b. Sample Collection Techniques

drinking water for a period of 15 minutes before the collection of the sample. This procedure was designed, storage tank, well construction, and excluding the effects from the household

a. Sample Containers

B. Recommended Water Tests

a. Ambient Surface Water Monitoring

Custom chemical analysis packages based on specific monitoring needs. Typical requests include: alkalinity, ammonia-N, bacteria, BOD, conductivity, organic Kjeldahl Nitrogen, nitrite+nitrate-N, phosphorus, pH, total suspended solids.

b. Environmental Research/ Investigation

Helping to quantify today's environmental toxins by specialized equipment:

- Trace metals
- Pesticides

c. Drinking Water Providers

Small Distribution Systems (Cities, Restaurants, Mobile Home Parks, etc)

W33 and W35 Required.

(Some providers do their own W33 testing)

d. Recreational Water

Test Required: W39 *E. coli* or W37 Fecal Coliform. For regulatory purpose, collected 4 consecutive weeks immediately prior to season.

e. Household Well Water/ Drinking Water

Expanded Water Test (W2):

Designed to address common well water problems in Georgia such as corrosion, high levels of iron and manganese, saltwater intrusion, and nitrate from various sources. This test package should be done at least once before using a less inclusive test package such as W1.

Basic Water Test (W1):

Only after a W-2 has been conducted annually.

Total Coliform/*E. Coli* (W35)

Annually

Hydrogen Sulfide (Refundable Deposit)

If your water smells like rotten eggs, then you should test for hydrogen sulfide. Call the FEW lab to borrow a hydrogen sulfide test kit.

f. Waste Water-Permitted /Research

Per permit requirements or per parameter of interest.

g. Fish Ponds

W1 and W18 recommended.

Occasionally, if water quality is a concern, biological oxygen demand (W24), nitrate-N (W6), total phosphorus (W27), and ammonium-nitrogen (W8) may be necessary.

