

Consider the postal schedule before collecting a sample. Samples collected and mailed early in the week will stand less chance of sitting idle in the postal system over a weekend.

### Soil Tests

Soil tests are required to ensure nutrients are being applied at appropriate agronomic rates, Soil testing should occur as recommended in Table 11. Soil nutrient levels should be monitored by soil testing to determine the requirement or buildup of phosphorus and potassium in the soil. As a minimum, a soil test analysis must include pH, phosphorus, and potassium.

Soil samples are to be collected in accordance with the University of Florida Institute of Food and Agricultural Sciences (IFAS) extension service guidance or standard industry practice if accepted by IFAS.

Soil testing is to be performed by laboratories that are accepted in one or more of the following programs:

- State Certified Programs
- The North American Proficiency Testing Program (Soil Science Society of America)
- Other laboratories whose test results and interpretations of such test are within the currently accepted guidelines of IFAS.

### Groundwater Monitoring

The existing nine monitoring wells (MWB-1, MWB-2, MWI-3, MWC-4, MWI-5, MWC-6, and MWC-7, MWC-8, and an observation well MWI9) are shown on Figure 3 shall monitored routinely. Groundwater samples should be taken from the monitoring wells on a quarterly basis and analyzed by a laboratory approved by the Florida Department of Health and Rehabilitation Services. Follow proper procedures while sampling, preserving, and transporting these samples. As a minimum, the **quarterly** water samples should be analyzed for the following parameters:

In situ parameters:

pH

Water depth (feet)

Laboratory analyses:

Nitrate+Nitrite Nitrogen (as N)

Ortho Phosphorus (as P)

Fecal Coloform

The above sampling results shall will be maintained at the farm and provided to FDEP per permit requirements. Annually, a trend analysis of the groundwater nitrate+nitrite data shall be completed to identify possible changes that could indicate the need for corrective actions.

### Safety

Due to the possible entrance to the facility by the public, placing warning signs around hazardous areas as a precautionary measure is strongly recommended. NRCS personnel will provide assistance in sign wording and location upon request.