

**Here is some general information for individuals/companies that will be soil sampling in LBNRD Water Quality Sub-Areas.**

## **SOIL TESTING PROCEDURES**

### **Water Quality Sub-Area Demonstration Field**

1. Each sampled area shall be no larger than 40 acres, preferably no larger than 20 acres. (Example - 4 samples are needed for 160 acres)
2. *One shallow sampling on the field to a minimum depth of 8 inches will be required annually per 40 acres and,*
  - *8-12 cores per sample*
3. *One deep soil sampling is required on the field with a minimum goal of 36 inches per 40 acres.*
  - *Deep soil sampling exemptions will be given for corn-soybeans rotations.*
4. Operators are required to have a sample of the manure analyzed by a laboratory to determine the fertilizer value and N credits to be considered.
5. **Surface Sampling for nitrates needs to be done annually if nitrogen will be applied.**
6. The composite soil samples shall be sent to a soil lab approved by the Districts.
7. Grid sampling will be accepted, but remember, the Little Blue NRD needs nitrate analysis every year nitrogen is applied.
8. No application of nitrogen fertilizer before November 1.