

## **Terra Systems Core Competencies**

Quality Control Lab on the Manufacturing Floor

Terra Systems owns and operates a manufacturing plant in Claymont, Delaware, which has a quality control lab on the shop floor.

Our full time manufacturing team is a key differentiator between Terra Systems and other U.S. suppliers and provides the following customer benefits:

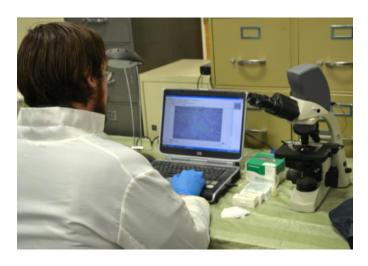
- 1. Product quality is one of key factors in our individual quarterly bonus program.
- The manufacturing engineer and the production supervisor are responsible for maintaining accurate logs for each batch produced and both are required to sign off on the QA/QC Sheet for every batch.
- 3. The manufacturing engineer is responsible for sampling each batch and providing the sample to the QA/QC lab for droplet size analysis and pH determination.

Once a batch is complete but before it is transferred to bulk tankers, 275-gallon totes, 55-gallon drums or 5-gallon buckets a sample is pulled by the manufacturing engineer.

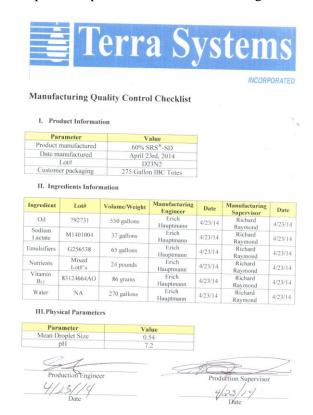




A Digital Microscope is Connected to a Computer with Droplet Size Calculation Software



Example of the Manufacturing Quality Control Checklist Signed by the Manufacturing Engineer and Checked by the Manufacturing Supervisor, which includes mean droplet size, pH and the amount of the ingredients.



To discuss a challenging site call or email Michael Free at mfree@terrasystems.net or 484-889-2214.