



## CASE STUDY

### PROJECT NAME

Graham Farm and Nature Center, Estill Fork, Alabama

### SYSTEM SPECIFICATIONS

Educational farm with shower and kitchen pavilion

### PRODUCTS USED

Advanced Treatment Leachfield (ATL) by Infiltrator

### INSTALLATION DATE

Spring 2017

### OWNER

Alabama Cooperative Extension System

### ENVIRONMENTAL HEALTH OFFICER

Lynn Sisco, Jackson County Health Department



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## Advanced Treatment Leachfield (ATL) by Infiltrator Solves Space Challenges for Jackson County Alabama Nature Center

### SUMMARY

Graham Farm and Nature Center is a working educational farm in Jackson County, Alabama donated to Auburn University and is operated by the Alabama Cooperative Extension System. The farm is in a valley between the mountains of northeast Alabama.

### CHALLENGES

To operate the farm as an educational center for children, a pavilion housing shower and kitchen facilities was needed. Due to the limited area available where vehicle traffic would not compromise drainfield function, a conventional dispersal field was not an option. System designers looked to alternative solutions.

### SYSTEM DETAILS

Two separate systems, one for the showers and the other for the kitchen, were designed to handle 600 gpd each. In each system, wastewater travels to 2-1000 gallon septic tanks followed by an 880-sf Advanced Treatment Leachfield (ATL) by Infiltrator sand bed dispersal field. Using ATL by Infiltrator reduced the needed area allowing the project to move forward.

### RESULTS

Installation went very smoothly and fit the site limitations exactly as designed. The Alabama Onsite Wastewater Association, the Jackson County Health Department, and Infiltrator Water Technologies participated in coordinating the project as a CEU credit demonstration for 31 contractors, design engineers, and Alabama Department of Public Health staff.