

# Featured Projects



## Agatha A. Durland Scout Reservation

*Putnam Valley, New York*

### Background

- 1400-acre forest preserve in the Hudson River valley
- 2 lakes with boating & swimming, campsites & hiking trails
- Managed by Westchester-Putnam Council of the Boy Scouts of America
- Camp facilities located 10 miles from sewer on 12-acre section of the preserve
- Development includes 9 camper cabins, 3 camper restrooms, & 1 scoutmaster cabin & restroom
- Designed by Stephen Tilly, Architect, of Dobbs Ferry, NY

### Composting Toilet Systems

- Camp's distance from sewer and rocky soil made conventional waste treatment options impractical
- Boy Scouts Council wanted an environmentally responsible solution
- Camper restrooms each include 2 large composting systems
- Scoutmaster restroom includes 1 small composting system
- Clivus systems save up to 625,000 gallons of water annually
- Dry compost end-product from systems to be used onsite as soil amendment



## Bar-T Mountainside Camp

*Urbana, Maryland*

### Background

- 150 acres includes streams, ponds, woodlands, wetlands, & agricultural areas
- Camp opened in summer of 2006
- Hosts 350 campers per day during the summer months
- Open in spring and fall for environmental & agricultural education programs

### Composting Toilet Systems

- Clivus Multrum systems the most economical option available for treating wastewater
- Office & shower/restroom facility use 2 small & 2 large composters with dry toilets & urinals
- 1 two-stall Clivus Trailhead composting toilet system provides accommodations at a remote location
- 300,000 gallons of water saved annually
- Compost liquid used to fertilize fodder crops on the camp's agricultural areas thereby recycling nutrients
- Greywater system reuses washwater from non-toilet fixtures to irrigate a wildflower meadow
- All wastewater treated sustainably onsite



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