



703 Bascomb Commercial Park

Suite 108

Woodstock, GA 30189

**Jumbo Model STR-8
Dynamic Direct Heat Paddle Dryer
Dryer Performance**

| Filter Cake | Sludge Loading | Pellets Produced | Gas Required | Electrical Required |
|--------------------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------------|
| <u>Dry Solids</u> | Pounds/Day <u>(Tons/Year)</u> | Pounds/Day <u>(Tons/Year)</u> | kWh/year <u>(Therms)</u> | 18 kWh/h <u>(kWh/year)</u> |
| 15% | 15,241 (2,699) | 2,540 (450) | 1,530,000 (52,166) 5,217 MM Btu | 102,000 \$12,240 |
| 20% | 16,329 (2,889) | 3,627 (642) | 1,528,333 (52,109) 5,211 MM Btu | 101,889 \$12,227 |
| 25% | 17,586 (3,109) | 4,883 (863) | 1,527,500 (52,080) 5,208 MM Btu | 101,833 \$12,220 |
| 30% | 19,052 (3,363) | 6,353 (1,121) | 1,525,000 (51,995) 5,200 MM Btu | 101,667 \$12,200 |

Approximate Evaporation Efficiency: 2.166-2.322 MM Btu/hr per Ton of Water
Electrical cost @ \$0.12/kWh