



## Sludge/Biosolids Drying Questionnaire

Please review my application and let me know why I should consider K-S sludge drying technology.

From: \_\_\_\_\_ Voice: \_\_\_\_\_ email: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Plant type: \_\_\_\_\_

Plant Location: \_\_\_\_\_

### Objective

\_\_\_\_\_  
\_\_\_\_\_

What is presently done with the sludge/biosolids?: \_\_\_\_\_

What is the present cost of disposal?: \_\_\_\_\_

What will be done with the sludge/biosolids in the future?: \_\_\_\_\_

### Feed Conditions

What is the wastewater treatment process (primary, secondary, digestion, etc)?: \_\_\_\_\_

How is it dewatered (belt press, centrifuge)?: \_\_\_\_\_

Cake Solids (% ds): \_\_\_\_\_ % Volatile Solids (VS): \_\_\_\_\_

Chemical composition of the Solids and Liquids: \_\_\_\_\_

Description (wet cake, slurry, paste, other): \_\_\_\_\_

Feed Rate: wet basis \_\_\_\_\_ wet \_\_\_\_\_/hr, dry basis \_\_\_\_\_ dry solids \_\_\_\_\_/hr

Operating Time: \_\_\_\_\_ hrs/day, \_\_\_\_\_ days/wk, \_\_\_\_\_ days/yr

Is material available for testing?  Yes  No

Have any drying tests been done?:  None  Bench scale  Pilot scale  Production scale

### Design Considerations

What will be used to heat the dryer?:

Existing steam boiler: @ \_\_\_\_\_ psig  New boiler  Thermal Fluid @ \_\_\_\_\_ ° F

What type of fuel is (or will be) used?:

oil \_\_\_\_\_ \$/gal  natural gas \_\_\_\_\_ \$/therm  biogas  Electricity cost: \_\_\_\_\_ \$/kW

The following is attached:  Site plan  Process flow diagram

Please provide us with any additional background information, process sketches, flow sheets, or special instructions.