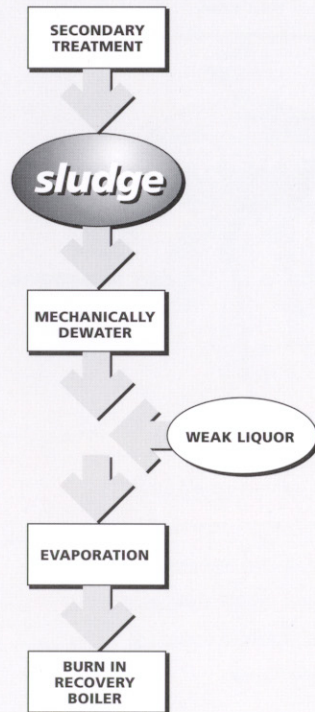


Problem Solution

A new approach is emerging as a low cost alternative to the conventional disposal techniques.

Three-step process

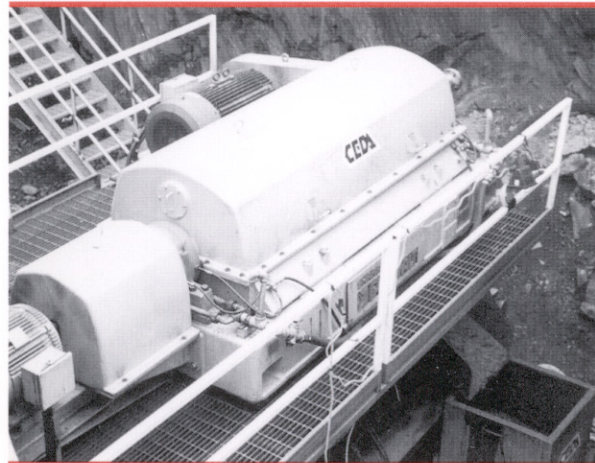
1. Mechanically dewater the secondary sludge
2. Mix sludge into weak liquor for further evaporation
3. Burn liquor/sludge mixture in the recovery boiler



- Secondary sludge solids are typically only 2% of liquor solids processed.
- Heating value of sludge is higher than liquor.
- Current long-term trial shows no signs of evaporator fouling or recovery boiler firing problems.

Trials Available

Full scale-trials are available to assess process stream changes and equipment reliability and capacity. A trial can also better define the available cost savings of this approach. Often, the cost of the trial is offset by savings in polymer usage, auxiliary fuel firing, and/or landfill disposal fees.



Full-scale trial centrifuge on trailer for processing secondary sludge



Sludge handling equipment for full-scale trial

Benefits

- Minimal investment in capital equipment
- Eliminate landfill disposal fees
- Drastically reduce polymer usage
- Reduce auxiliary fuel firing
- Easier air emissions permitting
- Increased secondary sludge wastage rate capacity
- Reduced odor and health concerns from exposure to sludge

I am interested in evaluating the burning of secondary sludge in my recovery boiler. Please send me additional information or contact me directly.

Name _____

Title _____

Company _____

Address _____

City _____

State/Province _____

Postal Code _____

Telephone _____

Fax _____

E-mail _____