

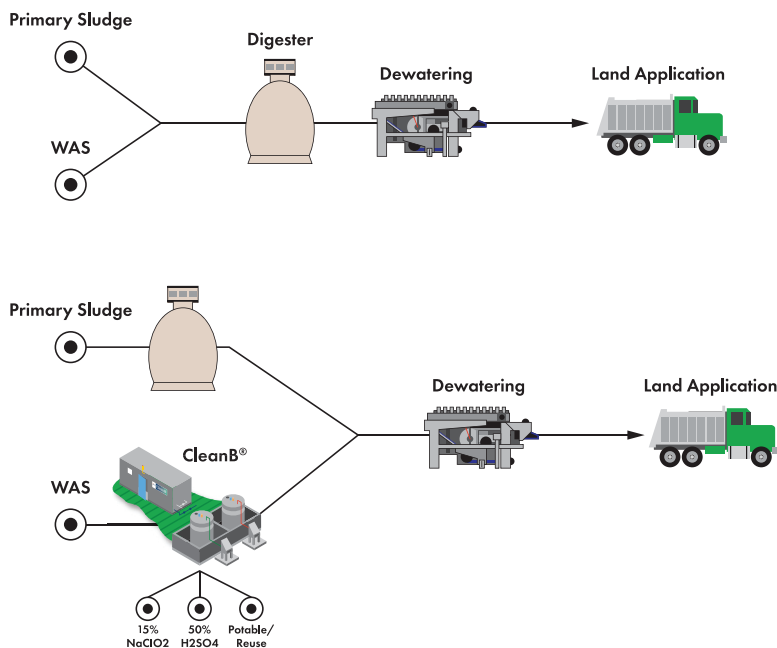


Proven Technology for Class B Biosolids

With the CleanB® process, facilities facing digester capacity issues can treat up to 45 dry pounds per minute of waste activated sludge (WAS), significantly improving the overall solids throughput capability of the facility. Capital concerns? The CleanB® could also provide significant capital avoidance compared to other digester throughput alternatives. The CleanB® treated material meets disinfection and VAR requirements as set forth by Title 40 CFR Part 503. The material can either be dewatered as a separate side stream and class b biosolids or combined with digested sludge prior to dewatering.

The limited solids retention time of the CleanB® (10 minutes) decreases the solubilization of solids and nutrients. The process also does not produce ammonia or increase orthophosphate concentration (as does digestion), significantly reducing the formation of struvite. The oxidation properties of the CleanB® also help inhibit the formation of struvite.

Why choose the BCR CleanB® Technology?



Using the BCR CleanB® technology to treat a side-stream of WAS at a digestion facility is the right choice when you want to:

- Increase total solids throughput by up to 60%
- Increase digester performance and efficiency (digesting a higher volatile solids fraction)
- Increase cake total solids
- Decrease polymer consumption
- Decrease operational costs
- Decrease nutrient solubilization
- Decrease struvite formation (for anaerobic digestion)
- Decrease energy needed per dry ton processed by up to 99%
- Provide greater operational flexibility
- Provide capital avoidance
- Increase regulatory compliance