

Suedniedersachsen MBT Plant

Biological Treatment



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Project	Suedniedersachsen MBT plant near Deiderode, Germany Construction of biological treatment, 2007/2008 Final output meets stringent standard of the "German Ordinance on Environmentally Compatible Storage of Waste from Human Settlements and on Biological Waste Treatment Plants". Principal: Abfallzweckverband Suedniedersachsen
Conditioning	Integration and control of 2 mixers for conditioning of input from mechanical pretreatment Sand trap 2 x 49 m ³ Inert material for landfilling: approx. 17,000 Mg/a Substrate into digesters: approx. 240,000 Mg/a
Digestion	Balance tank approx. 4,800 m ³ with top-entry agitator Capacity approx. 240,000 Mg/a 2 Digesters each 4,800 m ³ with top-entry agitator Capacity approx. 240,000 Mg/a
Aeration	2 lines each approx. 2,900m ³ , each with 3 agitators in combination with air vents, total capacity approx. 234,000 Mg/a
Dewatering	Integration and control of 3 decanters for solid-liquid separation before drying