

Activity: Treatment Technologies Table – Solutions

	Treatment technology	Treatment objectives	Treatment products	Level of technology development
	Settling-thickening	Dewatering	Liquid sludge Effluent with pathogens	Established
	Mechanical dewatering	Dewatering	Dewatered sludge with pathogens Effluent	Transferring
	Unplanted drying beds	Dewatering	Dewatered or dry sludge with pathogens Effluent	Established
	Planted drying bed	Dewatering Stabilization/Nutrient management	Plants Dry stabilized sludge with pathogens Effluent	Established
	Co-composting	Pathogen inactivation Stabilization/Nutrient management	Dewatered stabilized sludge with low pathogens Effluent	Established
	Deep row entrenchment	Stabilization/Nutrient management	Plants Trees	Established
	Incineration	Pathogen inactivation Dewatering Stabilization/Nutrient management	Ash Biofuel	Transferring
	Anaerobic digestion	Stabilization/Nutrient management	Liquid stabilized sludge with / without pathogens Biogas	Transferring
	Black soldier fly larvae	Stabilization/Nutrient management	Dewatered stabilized sludge with pathogens Black soldier fly larvae	Innovative
	Thermal drying	Dewatering Pathogen inactivation	Dry sludge with pathogens	Transferring
	Waste stabilization ponds	Pathogen inactivation Stabilization	Stabilized sludge with pathogens Effluent	Established
	Vermifilter	Dewatering Stabilization/Nutrient Management	Dewatered stabilized sludge with pathogens Effluent	Innovated/ Transferring
	Anaerobic baffled reactor	Stabilization	Stabilized sludge with pathogens Effluent	Established