

**Forest Service Handbook
National Headquarters-Washington Office
Washington, DC**

Forest Service Handbook 7409.11 – Sanitary Engineering and Public Health Handbook

Chapter 50 - Wastewater

Amendment: 7409.11-Amendment-10

Effective date: October 1979

Duration: This amendment is effective until superseded or removed.

Superseded Directive:

Approved by:

Date approved:

Responsible Staff:

Explanation of changes:

58.93 – Tabulation

Suitability of Sludges for landfilling 18

Process	Feed	Sludge-only Landfilling		Codisposal Landfilling	
		Suitability Reason		Suitability Reason	
Thickening Gravity.....	Primary	NS	P, OD, OP	NS	P, OD, OP
	WAS	NS	P, OD, OP	NS	P, OD, OP
	Primary and WAS	NS	P, OD, OP	NS	P, OD, OP
	Digested Primary	NS	OP	NS	OP
	Digested Primary and WAS	NS	OP	NS	OP
Flotation.....	Primary and WAS	NS	P, OD, OP	NS	P, OD, OP
	WAS with chemicals	NS	OP	NS	P, OD, OP
	WAS without chemicals NS	NS	P, OD, OP	NS	P, OD, OP
Treatment Aerobic digestion	Primary, thickened	NS	OP	MS	OP
	Primary, and WAS, thickened	NS	OP	MS	OP
Anaerobic digestion	Primary, thickened		OP	MS	OP
	Primary and WAS, thickened	NS	OP	MS	OP
Incineration.....	Primary, dewatered	S	-	S	-
	Primary, and WAS, dewatered	S	-	S	-
Wet oxidation.....	Primary or primary and WAS	NS	OD, OP	MS	OD, OP
Meat.....	Any, thickened	NS	OD, OP	MS	OD, OP
Lime stabililization.....	Primary, thickened	NS	OP	MS	OP
	Primary, and WAS, thickened	NS	OP	MS	OP
Dewatering					
Drying beds.....	Any, digested	S	-	S	-
	Any, lime stabilization	S	-	S	-
Vacuum filter.....	Primary, lime conditioned	S	-	S	-
	Digested, lime conditioned	S	-	S	-
Pressure filtration.....	Digested, lime conditioned	S	-	S	-
Contrigugation.....	Digested	S	-	S	-
	Digested, lime conditioned	S	-	S	-
Heat drying.....	Digested	S	-	S	-
Was = Waste activated sludge NS = Not Suitable MS = Marginally Suitable S = Suitable P = Pathogen Proglems OD = Odor problems OP = Operational proglems					