

**Table 33.10 Typical Performance Data for Pressure Filters**

Type of Sludge	Conditioning	Cycle Time, hours	Solids, %
Primary	5% FeCl <sub>3</sub> , 10% Lime	2.0	45
	100% Ash	1.5	50
	Polymer	4.0	45
Primary + WAS	5% FeCl <sub>3</sub> , 10% Lime	2.5	45
	150% Ash	2.0	50
	Polymer		35
WAS	7.5% FeCl <sub>3</sub> , 15% Lime	2.5	45
	250% Ash	2.0	50
Anaerobically Digested Primary	8% FeCl <sub>3</sub> , 35% Lime	2.0	36
Anaerobically Digested (Primary + WAS)	8% FeCl <sub>3</sub> , 35% Lime	2.0	45
	100% Ash	1.5	50
	Polymer		32

FeCl<sub>3</sub>: Ferric Chloride

WAS: Waste Activated Sludge

Source: Water Environment Federation. "Operation of Municipal Wastewater Treatment Plants." 5<sup>th</sup> ed.[www.thewastewaterblog.com](http://www.thewastewaterblog.com)