

Questionary for the optimization of sludge usage and reduction



WWTP operator: _____
 Address: _____
 Contact person: _____
 Telephon: _____
 E-Mail: _____

Digestion

Average volume primary sludge	[m ³ /d]	
Average volume excess sludge (thickened?)	[m ³ /d]	
Average DS primary sludge	[g/l] or [%]	
Average organic content primary sludge	[g/l] or [%]	
Average DS excess sludge	[g/l] or [%]	
Average organic content excess sludge	[g/l] or [%]	
Average retention time digester	[d]	
Average DS digested sludge	[m ³ /d]	
Average organic content digested sludge	[g/l] or [%]	
Mittl. oTS Faulschlamm zur Entwässerung	[g/l] or [%]	

Polymer

Brand/manufacturer		
Type		
Powder or liquid polymer		
Cross linked polymer		
Charge		
Settling time polymer solution	[min]	
Polymer solution	[%]	
Polymer consumption	[kg/t]	
Cost of polymer	[€/kg] or \$/kg]	

Sludge Conditioning

Kind of conditioning		
Location of Conditioning		

Dewatering

Type of dewatering machine		
Manufacturer/model		
Nominal throughput	[m ³ /h]	
Average throughput	[m ³ /h]	
Power consumption	[kW/h]	
Kind of operation	[contin/diskontin]	
Period of operation per day	[h]	
Dewatering result DS	[g/l] oder [%]	

Disposal

Pathway of disposal		
Disposal costs of dewatered sludge	[€/t] or [€/t DS]	
Required DS for disposal	[g/l] oder [%]	