



Type of Analysis	Test	[A] Feedstock and Biogas	[B] Digested Feedstock	Biosolids	[C] Centrate and/or Effluent Analysis	[O] Operational Parameters Analysis	[V] Value Added Products
Feedstock	Biogas Potential Test	A			C	O	
Feedstock	% Solids	A	B	Biosolids	C	O	V
Feedstock	% Volatile Solids	A			C	O	
Feedstock	Ash Content	A				O	
Feedstock	pH	A	B	Biosolids	C	O	V
Feedstock	C:N ratio	A				O	
Feedstock	NPK - macronutrients (dry weight basis)	A					
Feedstock	Ammonia as a wet basis operating parameter	A				O	
Feedstock	Electrical conductivity	A	B	Biosolids	C	O	V
Feedstock	S - micronutrients (Note: SBG does MG and Ca.) (dry weight basis)	A				O	
Feedstock	Description of feedstock as received and details on how it was generated	A					
Biogas	% CH <sub>4</sub>	A				O	
Biogas	% CO <sub>2</sub>	A				O	
Biogas	% H <sub>2</sub> S	A				O	
Biogas	Volume over time.	A					
Feedstock	Stability		B	Biosolids			V
Feedstock	Macronutrients & Micronutrients		B	Biosolids			
Feedstock	40 CFR 503 metals (As, Cu, Cd, Ni, Zn, Pb, Hg, Se, Mo) & PCB for biosolids only (sewage sludge)			Biosolids		O	
Feedstock	% volatile solids reduction for biosolids (38% minimum)			Biosolids		O	
Feedstock	BOD for discharge limits				C	O	
	% suspended solids				C	O	
	Ammonia for discharge limits				C	O	
Feedstock	BOD or COD for inflows such as FOG, foodwastes, high strength liquids					O	
Feedstock	Organic acids (known as Fatty Acids at SBG). This will also be an operational parameter in various stages of digestion.					O	