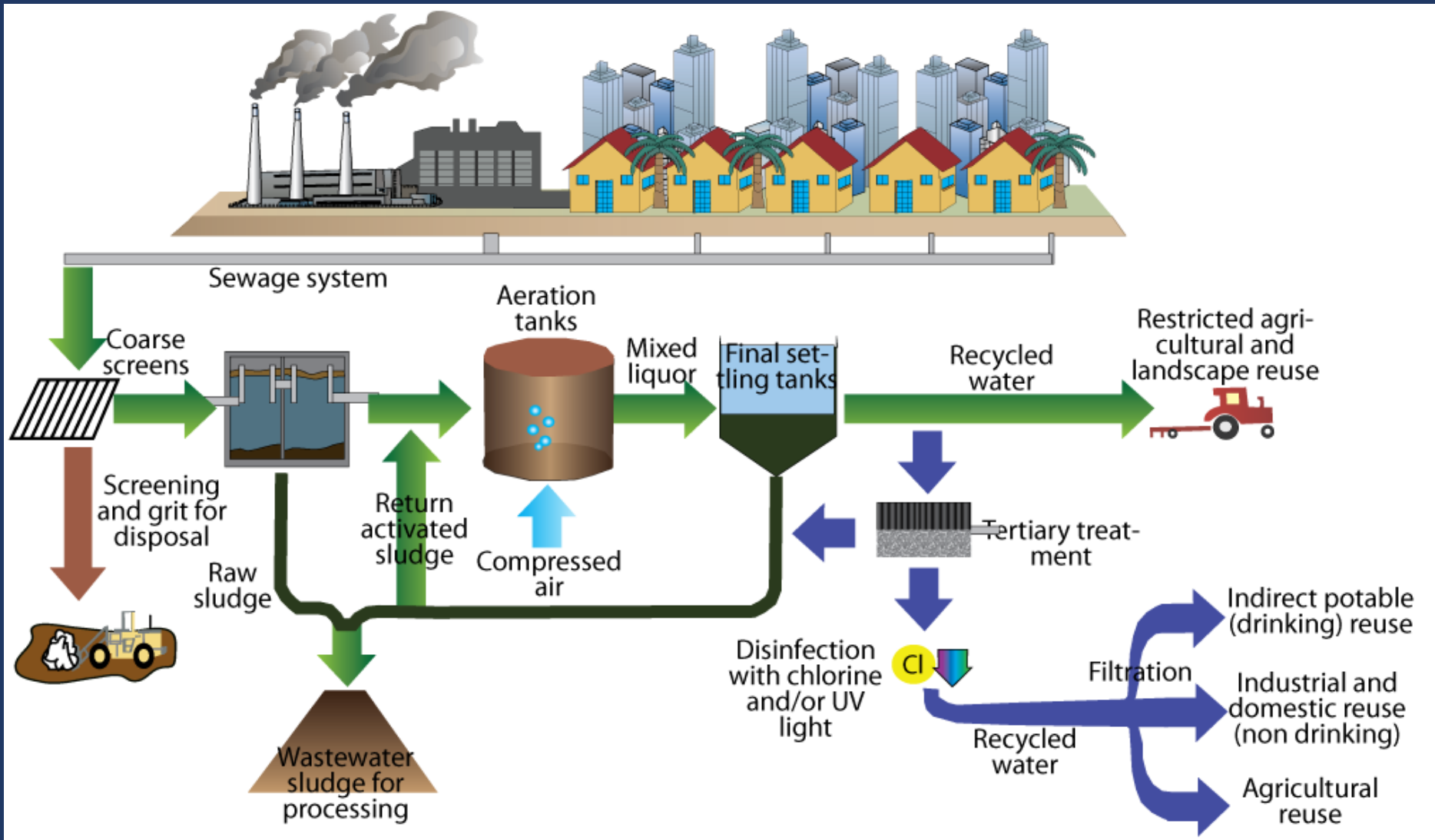


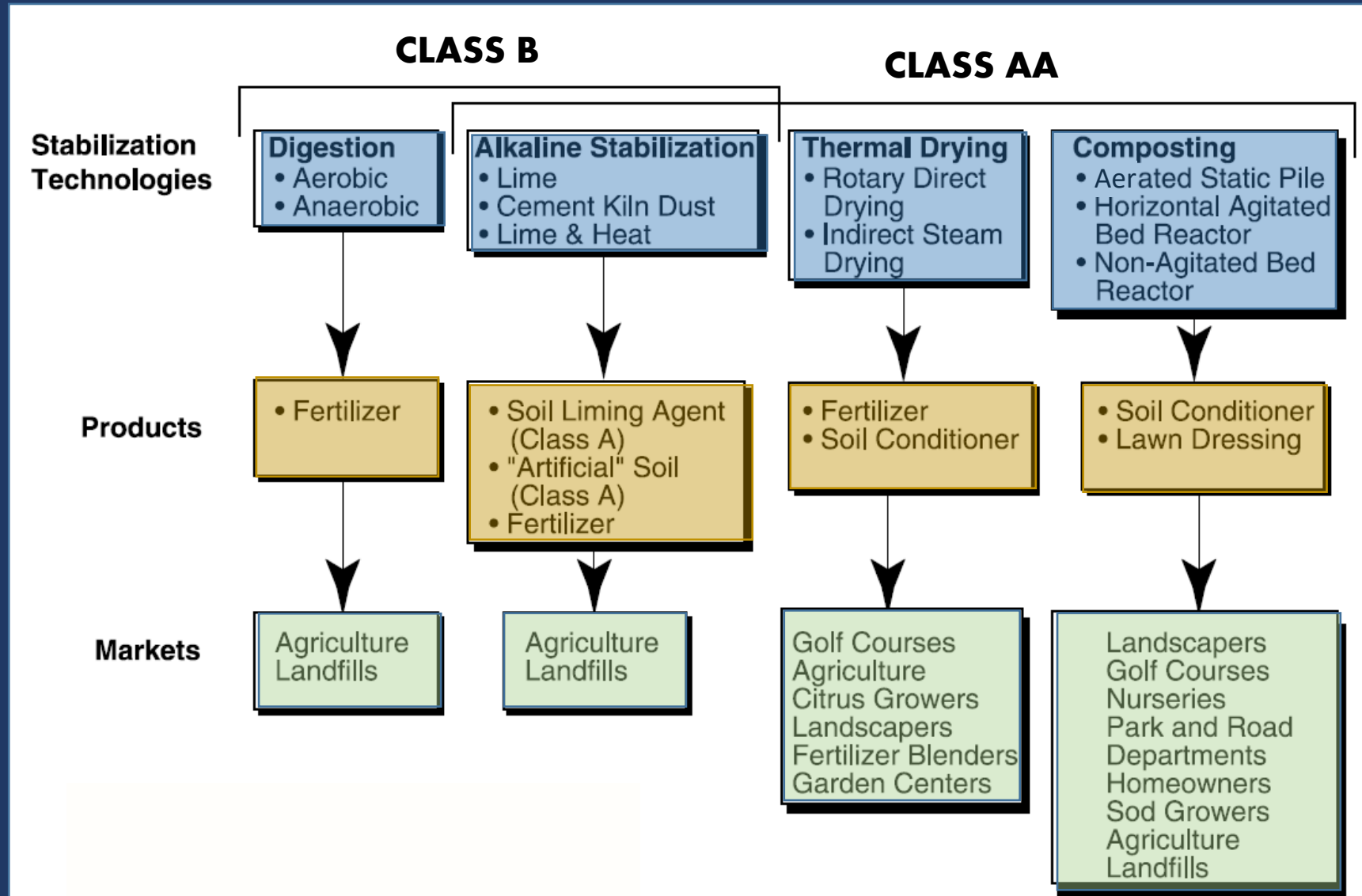
# What are Biosoilds

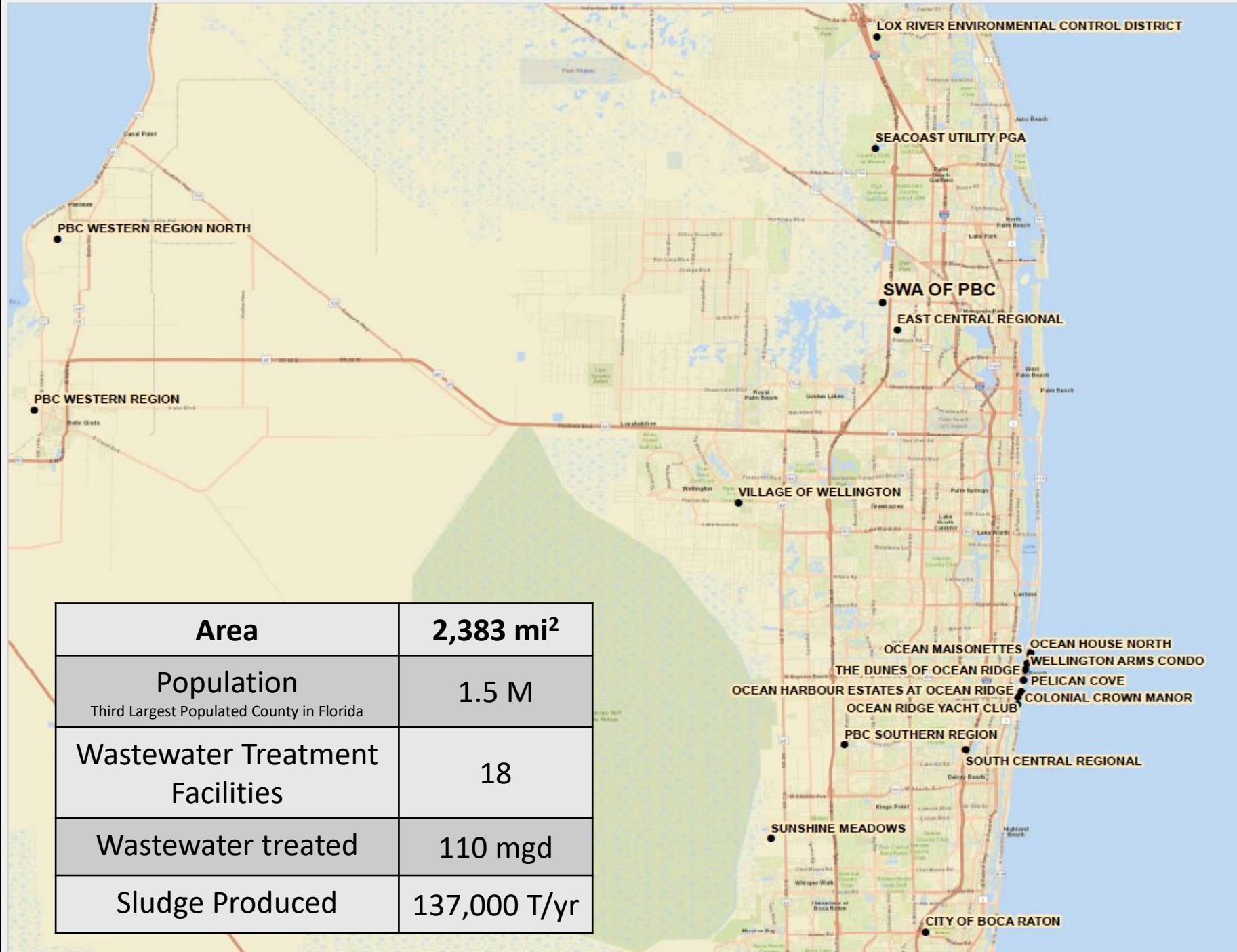
- **Biosolids are nutrient-rich organic materials resulting from the treatment of domestic wastewater in a treatment facility.**
- **When treated and processed, these residuals can be recycled and applied as fertilizer to improve and maintain productive soils and stimulate plant growth instead of taking up space in a landfill or other disposal facility.**

# Wastewater Treatment Process



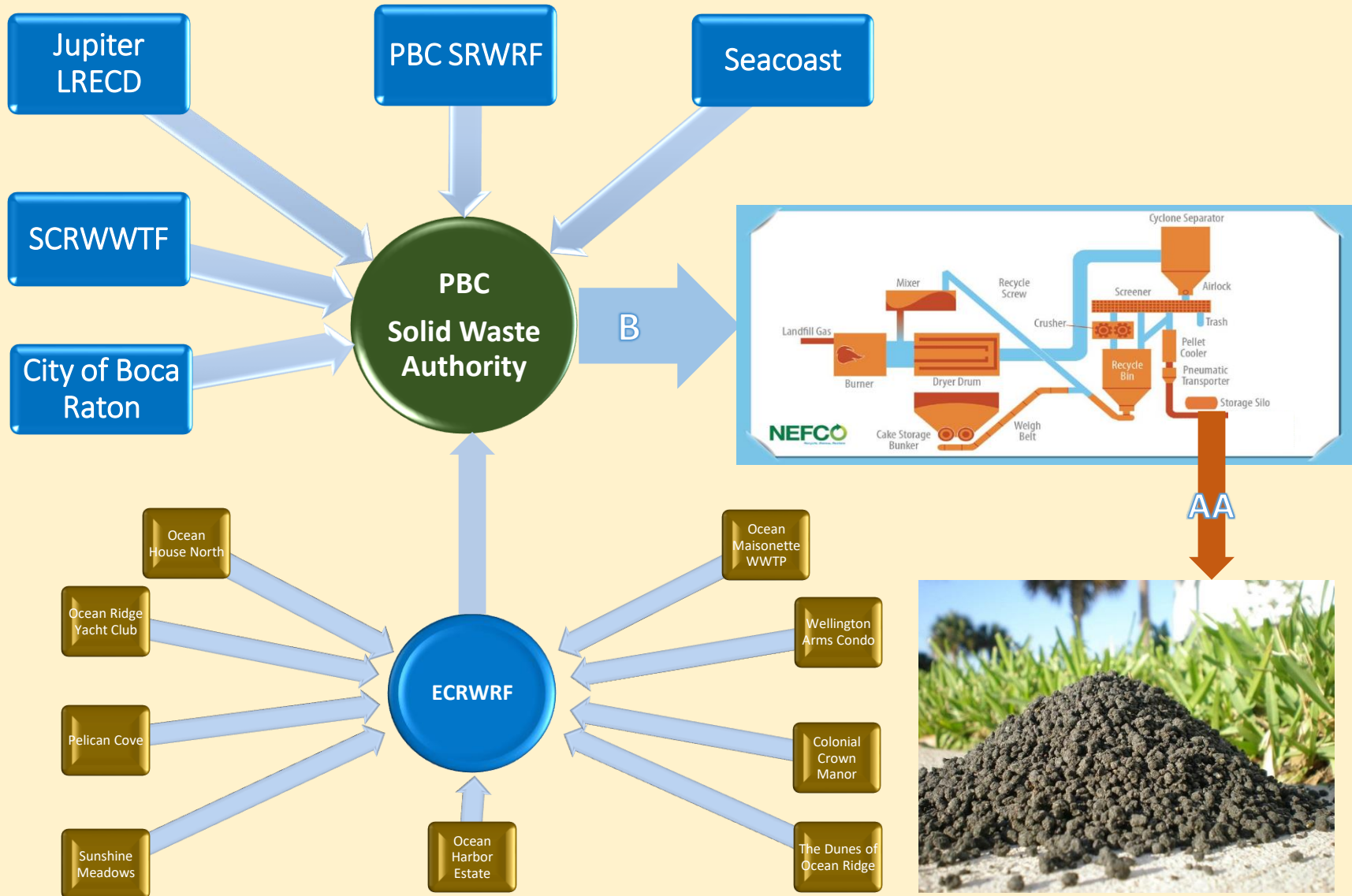
# What Are Biosolids?



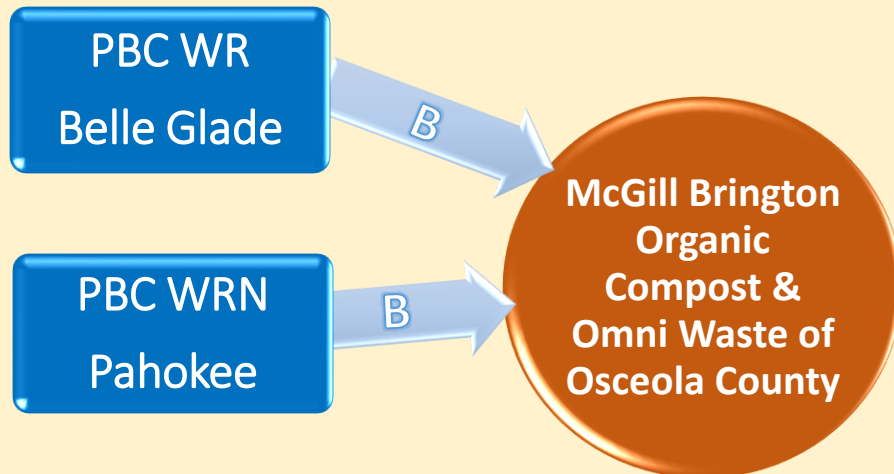
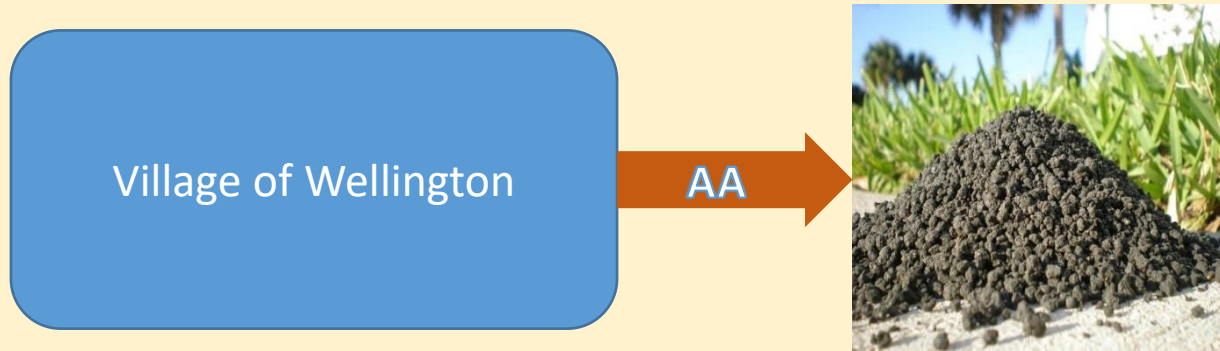


<b>Area</b>	<b>2,383 mi<sup>2</sup></b>
<b>Population</b> Third Largest Populated County in Florida	<b>1.5 M</b>
<b>Wastewater Treatment Facilities</b>	<b>18</b>
<b>Wastewater treated</b>	<b>110 mgd</b>
<b>Sludge Produced</b>	<b>137,000 T/yr</b>

# Biosolids Management



# Biosolids Management



# Biosolids Analytical Data

Parameter	Class AA (mg/kg)		NEFCO AA	SRWRF Class B
	Max (single sample)	Monthly Average		Monthly Average
Arsenic (As)	75	41	<1.0	6.8
Cadmium (Cd)	85	39	0.47	2.5
Copper (Cu)	4,300	1,500	301	375
Lead (Pb)	840	300	12.4	10
Mercury (Hg)	57	17	0.046	0.7
Molybdenum (Mo)	75	75	6.3	6.4
Nickel (Ni)	420	420	12.5	13
Selenium (Se)	100	100	1.5	15
Zinc (Zn)	7,500	2,800	673	709