

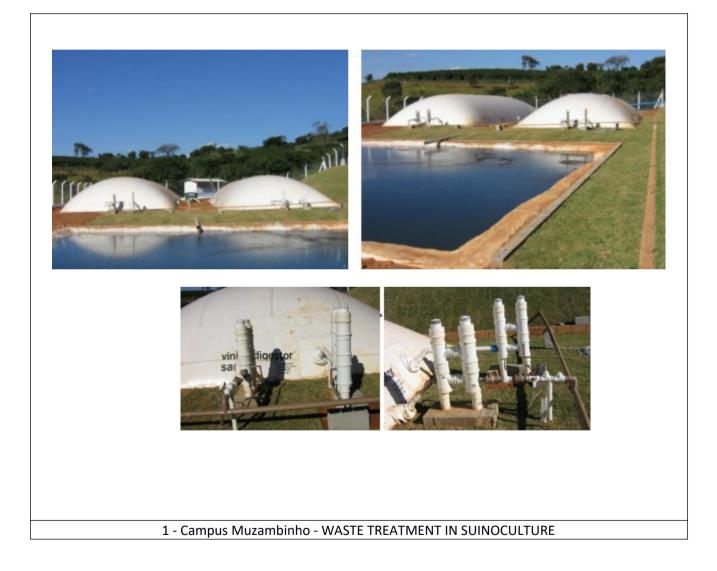


## Template for Evidence(s) UI GreenMetric Questionnaire

University:IFSULDEMINASCountry:BRAZILWeb Address:https://www.ifsuldeminas.edu.br/index.php

## [3] Waste (WS)

## [3.6] Sewerage Disposal

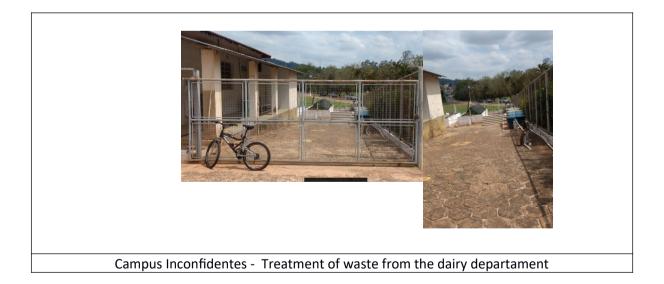








2 - Campus Inconfidentes - Treatment of livestoock waste







Description: 1 - ANAEROBIA BIODIGESTON THROUGH PISTON FLOW BIODIGESTORS Amount of Solid Waste treated = 1570 kg / day Biofertilizer production = 8500 liters / day Daily production of Biogas = 118 m3 /day Daily production of LPG cylinders = 3.6 cylinders of 13 kg

2 - Treatment of livestock waste
When washing the place where the oxen are confined, with the water recycled from the rain, the treatment of the residue is done, by:
Decanting
Continuous flow treatment equalization tank
Flotation, which treats fat
Anaerobic reactor that digests organic matter
and the Crusher Box with plant

Video of the project 1 and 2 : <u>https://www.youtube.com/watch?v=gswGxhftkNI&feature=youtu.be</u>

3- The dairy departament generates a lot of serum, and this residue needs to be treated, Campus Inconfidentes treats this residue and then harnesses the water for reuse.