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Disposal Options

- Municipal Water System
 - Volume or BOD limited
- Water Treatment Plant
 - High treatment cost for BOD + hauling
- On-site remediation – drying
 - Large \$ Capex, lower recurring \$
- Composting? Anaerobic Digester?
 - 30-50% less than treatment



Brewer's Waste Water

Analyte	Range
Biochemical Oxygen Demand	5,000-24,000 mg/L
Conductivity	2,430 umho/cm
pH	6.6
N-P-K	0.3 -0.1 -0.1
Total Solids	15,700 mg/L



Compost Calc

Recipes | Feedstocks

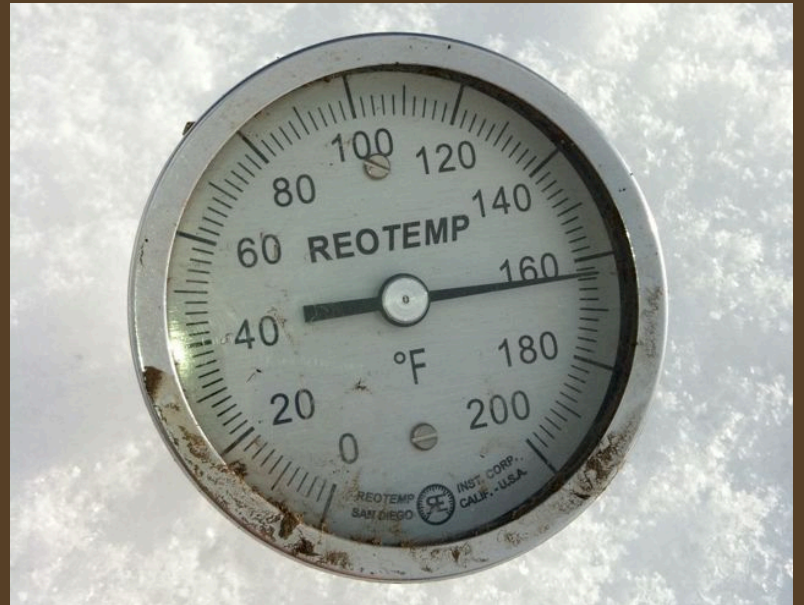
Feedstock	Moisture	Carbon	Nitrogen	Density	Description
Manure, Horse	72.00%	43.44%	1.60%	0.96	Horse manure
Manure, Laying	69.00%	47.78%	8.00%	0.88	Laying hen manure
Manure, Poultry	33.00%	51.64%	5.35%	0.69	Poultry manure
Manure, Sheep	69.00%	39.10%	2.70%	1.04	Sheep manure
Manure, Stable	60.00%	39.00%	3.00%	0.80	Manure from stables
Manure, Swine	80.00%	41.67%	3.10%	0.96	Swine manure
Newsprint	5.10%	32.28%	0.10%	0.13	Newsprint
Paper & Card W.	7.00%	50.00%	0.10%	0.13	Paper & card waste
Paper Pulp	82.00%	53.10%	0.59%	0.83	Paper pulp
Paper, Office	20.00%	25.76%	0.20%	0.18	Office paper
Paunch Manure	82.50%	45.00%	1.80%	0.87	Paunch manure
Pig Farm Slurry	80.00%	43.40%	3.10%	1.00	Slurries from pig farms
Poultry Mortalities	65.00%	30.00%	6.00%	0.50	Poultry mortalities
Rice Hulls	14.00%	36.30%	0.30%	0.12	Rice hulls
Sawdust	39.00%	45.00%	0.24%	0.24	Sawdust
Sewage Sludge	80.00%	60.00%	6.00%	1.10	Sewage sludge
Shrub Trimmings	15.00%	53.00%	1.00%	0.26	Shrub trimmings
Straw	12.00%	14.18%	0.40%	0.13	Straw
Straw, Stable Be.	25.00%	85.00%	1.00%	0.20	Straw from stable bedding
Tree Trimmings	70.00%	49.60%	3.10%	0.77	Tree trimmings
Turkey Litter	26.00%	41.60%	2.60%	0.47	Turkey litter
Vegetable Prod...	87.00%	51.30%	2.70%	0.94	Vegetable produce
Vegetable Waste	87.00%	34.75%	3.20%	0.95	Vegetable waste
Wood Chips, So...	40.00%	20.38%	0.09%	0.24	Softwood wood chips
Wood Shavings...	20.00%	50.00%	0.10%	0.24	Wood shavings & sawdust
Compost Overs	40.00%	50.00%	0.50%	0.47	
Heifer Manure	73.50%	32.00%	1.20%	0.47	
Green Waste	48.00%	42.00%	0.43%	0.24	
Horse Manure	68.00%	39.00%	0.65%	0.09	
Chicken Layers	36.00%	24.00%	2.90%	0.40	
Oregon Cherry	87.68%	49.20%	8.06%	0.97	
Apple Core	82.00%	36.00%	0.80%	0.44	

Edit Feedstock | Delete Feedstock | New Feedstock

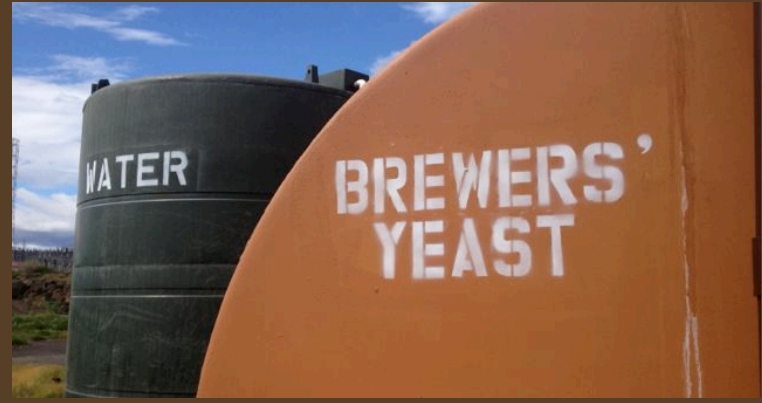




Hugger



Composting Liquid Brewing Waste







Thanks!

