

# Gibson talks gas: Looking at the upcoming Alton (green) waste treatment plant

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"The natural gas we inject into the gas grid must be proven to be used as transportation fuel in order for us to claim and collect environmental attributes revenue."

Total annual revenue from the new facility is estimated by Ecoengineers to be as much as \$11.7 million, with the facility having a possible annual profit as high as an estimated \$7.16 million. However, as much as \$8,567,031 of that income is tied to "environmental attributes," which is seconded by ammonia sulfate struvite, which may create as much as \$1,277,780 in possible revenue. Renewable natural gas may generate as much as \$884,585 and dewatered solids, such as retail-grade fertilizer, may generate as much as \$354,090 for the city.

Economic impact is also a huge factor in this project, with as much as \$18 million in possible investments, \$4 million in revenue, \$2.7 million increase in tax receipts over project life, \$158 million in total economic output over project life, 188 jobs created during construction phase and nine permanent jobs, according to the Ecoengineers presentation.

A feasibility study for the plant is expected to be finalized by the end of April. Following that, a three to six month process of feedstock analysis begins, followed by a final design within a year. Construction should be completed within two years, and revenue will be generated within four.