

## Industrial

**Date Completed:**

2002

**Construction Cost:**

\$1.1 Million

**Client or Owner's Rep:**

Mr. Jim Thompson, P.E.

President, J.F. Thompson, Inc.  
(currently AECOM)

**Highlights:**

- ✓ **Improved Safety & Operations**
- ✓ **Existing Plant in Operation during Construction**
- ✓ **Fast Track – Engineering and Construction Working Hand-In-Hand**

**Photo:** Bio-Energy Recovery System Aerial

## Expansion of Bio-Energy Recovery System Anheuser Busch, Inc. | Houston, Texas

**Project Description** | Evaluation of existing Wastewater Treatment Facilities to improve Safety and Operations in order to consistently meet the regulatory compliance requirements.

**Services Provided** | As a sub-consultant to AECOM (formerly J.F. Thompson, Inc.), KGI was responsible for preparing P&IDs, equipment data sheets, piping plans, and piping isometric drawings with material take-offs. KGI was also responsible for performing all calculations for sizing piping, pumps and other equipment. The project included the following equipment:

- New 900 scfm Bio-Gas Compressor Skid.
- New 570 scfm Bio-Gas Dryer Skid.
- Two new Off-Gas Fans and Carbon Filters
- Bio-Mass Load-Out Station.
- Two new 2,500 scfm Sulfide Oxidation Blowers
- Cooling Towers Overflow and Chemical Feed System
- New 3,300 gpm Jet Mixer Pumps.
- New Mg(OH)<sub>2</sub> Tank Mixer and Platforms.
- Four new Reactor Feed Pumps.
- New Water Reclaim System.

