



### Industry

Environmental Services

### Location

Huntington Beach, CA

### Services Used

- Regenerative Thermal Oxidizer with Process Heat Recovery
- Venturi Scrubber for VOC & Wet Particulate Matter / Foam

### CECO Branded Solutions

Adwest, HEE-Duall



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*“We collaborated with our customer to deliver innovative solutions in a timely manner. Our goal is always to deliver value and a top-notch customer experience,” CECO Environmental Team.*

### The Situation

The customer’s air carbon solution, a carbon capture technology designed to replace oil-based plastics with greenhouse gas-based plastics, needed to reduce the volatile organic compounds (VOCs) emitted as part of the manufacturing process.

### The Challenge

As byproducts of the manufacturing process, it was critical for the customer to control the VOC emissions and foaming. In addition, the customer began scaling from small run batches to large batch production.

### The Solution

CECO integrated a Regenerative Thermal Oxidizer (RTO) with Process Heat Recovery and Venturi Scrubber. The customer also integrated a Scrubber for VOC and Wet Particulate Matter / Foam emissions control.

### The CECO Advantage

CECO delivered an end-to-end, customized-engineered solution to create greater value. Rather than choosing an “out-of-the-box” offer from competitors, the customer chose to collaborate with CECO to develop cross-product applications for a custom solution to fit their needs.

### The Operational Results

- Achieved understanding of local regulations
- Ensured Compliancy

### The Environmental Benefits

- Reduction of over 4 million pounds of VOCs per year