

# PROJECT CAPABILITIES



## BOILER MACT AND CISWI COMPLIANCE REVIEW AND IMPLEMENTATION



### Approach in Addressing Boiler MACT and CISWI Compliance

#### **Step 1 - Problem Definition**

- a. Determine classification of facility and boiler(s).
- b. Establish emissions limits that pertain to the boiler(s) classification.
- c. Review current and historical emissions data relating to MACT and CISWI regulations.
- d. Provide recommendations to obtain missing information.
- e. Provide operational tuning of the unit.
- f. Identify boiler emissions that will require remediation.
- g. Provide potential solutions/options based on available information.

#### **Step 2 - Solution Creation**

- a. Determine feasibility of changing the boiler's classification to avoid or alleviate modifications required to meet MACT or CISWI.
- b. Further develop potential solutions/modifications needed to meet emissions limits.
- c. Identify the most cost effective solution ( $\pm 30\%$  cost estimate).
- d. Assist customer in preparing submittal to permitting agency.

#### **Step 3 - Solution Implementation**

- a. Develop appropriations grade cost estimate ( $\pm 10\%$ ), if necessary.
- b. If requested, implement the solution design/supply or design/supply/construct project.  
Work with "teaming partners" to offer complete solution.

**Selected References (see next page)**

## Selected References



Alabama River Cellulose LLC - Perdue Hill, AL  
Avista Corporation - Kettle Falls, WA  
Brunswick Cellulose, Inc. - Brunswick, GA  
Evergreen Packaging - Canton, NC  
Georgia-Pacific - Big Island, VA  
Georgia-Pacific - Crossett, AR  
Georgia-Pacific Wood Products LLC - Dudley, NC  
Georgia-Pacific Wood Products LLC - Duluth, MN  
Georgia-Pacific Wood Products LLC - Emporia, VA  
Georgia-Pacific Wood Products LLC - Hawthorne, FL  
Georgia-Pacific Wood Products LLC - Jarratt, VA  
Georgia-Pacific Wood Products LLC - Roxboro, NC  
Kimberly-Clark - Chester, PA (4 units)  
Kimberly-Clark - Everett, WA (4 units)  
Kimberly-Clark - Loudon, TN  
Longview Fibre - Longview, WA  
Louisiana-Pacific - Roaring River, NC  
NewPage Corporation - Wisconsin Rapids, WI (2 units)  
Packaging Corporation of America - Tomahawk, WI  
Packaging Corporation of America - Valdosta, GA  
Rayonier - Jesup, GA (3 units)  
Smurfit-Stone Container Corp. - Fernandina Beach, FL  
Weyerhaeuser - Oglethorpe, GA