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 (± 30% cost estimate).
- d. Assist customer in preparing submittal to permitting agency.

**Step 3 - Solution Implementation**
- a. Develop appropriations grade cost estimate (±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
Boiler MACT and CISWI Compliance Review and Implementation

Alabama River Cellulose LLC - Perdue Hill, AL
Avista Corporation - Kettle Falls, WA
Boise Building LLC - Medford, OR
Brunswick Cellulose, Inc. - Brunswick, GA
Clearwater Paper - Lewiston, ID
Evergreen Packaging - Canton, NC
Georgia-Pacific - Big Island, VA
Georgia-Pacific - Crossett, AR
Georgia-Pacific - Monticello, MS (multiple units)
Georgia-Pacific - Toledo, OR
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 - Pineland, TX
Georgia-Pacific Wood Products LLC - Roxboro, NC
Glatfelter - Chillicothe, OH
International Paper Company - Augusta, GA
International Paper Company - Pine Hill, AL
International Paper Company - Selma, AL
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
MeadWestvaco - Phenix City, AL
NewPage Corporation - Wisconsin Rapids, WI (2 units)
Packaging Corporation of America - Tomahawk, WI
Packaging Corporation of America - Valdosta, GA
Plum Creek - Columbia Falls, MT
Rayonier - Jesup, GA (3 units)
Resolute Forest Products - Catawba, SC
RockTenn - Hodge, LA
RockTenn - Panama City, FL (2 units)
RockTenn - Stevenson, AL
Roseburg Forest Products - Coquille, OR
Roseburg Forest Products - Dillard, OR
Roseburg Forest Products - Riddle, OR
Roseburg Forest Products - Weed, CA
Smurfit-Stone Container Corp. - Fernandina Beach, FL
WestRock - Dublin, GA
Weyerhaeuser - Oglethorpe, GA
Wheelabrator Technologies, Inc. - Auburndale, FL