



SAMPLING AND MONITORING SYSTEMS

2999 JOHNSON FERRY RD. -- MARIETTA, GA 30062 -- 770-518-7200 -- FAX 770-518-0681

CEMS and PEMS Installations

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Texas Tech University CHACP#1 @ Main & Hartford Lubbock, TX 79409 Jared Smith 806-742-3329	Gas and Oil-fired Boiler	Extractive NO _x , CO and Oxygen. Reporting to 40CFR60, Subpart Db and Appendix F Requirements NEMA 4 Air Conditioned Cabinet
Arizona Chemical Company LLC Panama City Plant 2 South Everitt Avenue Panama City, FL 32401 Lisa Hutchings: (850) 914-8101 For Hargrove Engineers	Gas-fired Boiler	Extractive, NO _x and Oxygen Reporting to 40CFR60, Subpart Db and Florida Rules. Provided in a Stand Alone Shelter
Louisiana Energy and Power Authority-Morgan City Plant 1333 Youngs Road Morgan City, LA 70380 Jerome P. Brulet 337-269-1372 For Robins & Morton	Natural Gas-fired Combustion Turbine/HRSG 84 MW Unit with SCR	Extractive SCR Inlet NO _x , Stack NO _x , Oxygen, Ammonia (NH ₃) and flow monitoring. Provided in a Stand Alone Shelter 40 CFR 75
Pratt Industries (IN) LLC 3050 Anthony Pratt Drive Valparaiso, IN 46383 Nick Smithson: (219) 477-1040 x6585	Gas-fired Boiler	Extractive, NO _x and Oxygen Reporting to 40CFR60, Subpart Db and Indiana Rules.
CF Industries Nitrogen, LLC 1182 260 th Street Sergeant Bluff, IA 51054 Mike Maas (712) 233-6222 For ThyssenKrupp Industrial Solutions (USA), Inc.	Natural Gas-fired Primary Reformer with SCR	Extractive NO _x , Oxygen with stack mounted flow monitoring. Part 60, PS2, 6 and Appendix F. In-situ Tunable Diode Laser (TDL) Ammonia (NH ₃) Measurement. Provided in Stand-Alone Shelter
CF Industries Nitrogen, LLC 1182 260 th Street Sergeant Bluff, IA 51054 Mike Maas (712) 233-6222 For Rentech Boiler Systems, Inc.	Two (2) Natural Gas-fired Boilers	Extractive NO _x , Oxygen with stack mounted flow monitoring. Part 60, PS2, 6 and Appendix F. Provided in Stand-Alone Shelter
CF Industries Nitrogen, LLC 1182 260 th Street Sergeant Bluff, IA 51054 Mike Maas (712) 233-6222	Natural Gas-fired Primary Reformer	Extractive NO _x , Oxygen with stack mounted flow monitoring. Part 60, PS2, 6 and Appendix F. Provided in Stand-Alone Shelter
NCSU Yarborough Steam Plant 2411 Yarborough Drive Raleigh, NC 27695	Two (2) Gas fired Boilers with Oil Backup	Extractive NO _x , Oxygen within boiler house. Stack Mounted Opacity 40 CFR60 Subpart Db

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Sonoco Products Company 1 North Second Street Hartsville, SC 29550 For McBurney Corporation John Peterson 770-925-7100	Woodwaste-Fired Stoker Boiler, 490MM Btu/hr Fueled by a Mixture of Untreated Wood Waste and Natural Gas. With SNCR, Dry Sorbent Injection and Baghouse Controls.	Dilution Extractive Stack NO _x , CO, Volumetric Flow Rate, Opacity. Reporting to 40CFR Part 60, Subpart Db and Appendix F. Provided in Stand-Alone Shelter
Dominion Virginia Power 1038 Breomo Bluff Rd Breomo Bluff Virginia	Gas Fired Power Generation Facility Two Natural Gas fired Boilers (Retro Fit) 300 MW facility	Extractive Stack NO _x , CO, and Oxygen monitoring of two units Provided in a Stand Alone shelter with redundant systems. 40 CFR 75
EDF Renewable Energy-Allendale Airport Loop Road Allendale, SC 29810 For Factory Sales & Engineering, Inc.	Biomass-Fired Stoker Boiler, 275MM Btu/hr Fueled by a Mixture of Clean, Untreated Wood Waste (As Primary Fuel) and Driving an Electric Utility Generator Rated at Approximately 21 MWe Gross Output. With SNCR, Lime or Trona Injection and ESP Controls.	Extractive Stack NO _x , CO, SO ₂ , Volumetric Flow Rate, Opacity. Reporting to 40CFR Part 60, Subpart Db, Part 63 Subpart JJJJJ Requirements and Appendix F. Provided in Stand-Alone Shelter
EDF Renewable Energy-Dorchester 7 Mile Road Harleyville, SC 29448 For Factory Sales & Engineering, Inc.	Biomass-Fired Stoker Boiler, 275MM Btu/hr Fueled by a Mixture of Clean, Untreated Wood Waste (As Primary Fuel) and Driving an Electric Utility Generator Rated at Approximately 21 MWe Gross Output. With SNCR, Lime or Trona Injection and ESP Controls.	Extractive Stack NO _x , CO, SO ₂ , Volumetric Flow Rate, Opacity. Reporting to 40CFR Part 60, Subpart Db, Part 63 Subpart JJJJJ Requirements and Appendix F. Provided in Stand-Alone Shelter
Abengoa Bioenergy Biomass of Kansas, LLC Hugoton, KS 67951 Robert Wildgen Project Development Manager (636) 728-4515 For Factory Sales & Engineering, Inc.	Biomass-Fired Stoker Boiler, 500MM Btu/hr Burning Wheat Straw, Milo (Sorghum) Stubble, Corn Stover, Switch Grass, Enzymatic Hydrolysis Residuals, Particles Collected During Biomass Grinding, Non-Condensable Gases (NCG) Vent Streams From Plant Processes, Wastewater Treatment Sludge, Biogas and Natural Gas As Fuel With SCR, Lime Injection and Fabric Filter Controls.	Extractive Stack NO _x , NO ₂ /NO _x Ratio, CO, SO ₂ , CO ₂ , CO _{2e} , HCl, Volumetric Flow Rate, Baghouse Leak Detection. Dilution Extractive Inlet NO _x , SO ₂ with O ₂ Diluent for Control. Reporting to 40CFR Part 60, Subpart Db, Part 63 Subpart JJJJJ Requirements and Appendix F. Provided in Stand-Alone Shelter.
RAIN CII Carbon LLC Lake Charles Energy Project 1920 Pak Tank Road Sulphur, LA 70665 Ken Richardson: Site Engineer (337) 558-5944 x44	The CEMS is Required to Continuously Measure and Record the Concentrations of NO _x , SO ₂ , CO ₂ , and O ₂ as Well as Pressure, Temperature and Moisture of the Coke Calciner Waste Heat Recovery Boiler Stack.	Dilution-Extractive NO _x , SO ₂ , CO ₂ , Wet Oxygen, Moisture, Pitot-Based Flow Rate. Reporting to 40CFR Part 60 and LADEP Requirements. Provided in Stand-Alone Shelter.
Piedmont Green Power, LLC MLK Jr. Bypass Barnesville, GA 30204 Peter Mohr: (208) 765-1611 For Energy Products of Idaho.	Wood Biomass-Fired Boiler. 719MM Btu/hr with SNCR, Lime Injection and Fabric Filter Controls.	Extractive NO _x , CO, SO ₂ , Oxygen, and Opacity Reporting to 40CFR Part 60, Subpart Db Requirements and Appendix F. Provided in Stand- Alone Shelter.
SunCoke Energy Middletown Coke Company, LLC 3353 Yankee Road Middletown, Ohio 45044 Terry Harris: (513) 727-5547 For Jacobs Engineering	Metallurgical Coke Production Followed by HRSG Units, and Flue Gas Desulfurization (FGD) with Spray Dryer Scrubber and Fabric Filter, Activated Carbon Injection.	Extractive SO ₂ , Wet and Dry Oxygen, Pitot-Based Flow Rate and Sorbent Trap Mercury Monitoring Reporting to 40CFR Part 60 and Ohio EPA Requirements. Provided in Stand-Alone Shelter.

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Ameresco Federal Solutions & The US Dept. of Energy c/o The Savannah River Site Burma Rd - Aiken, SC 29808 Victor Skalak vskalak@ameresco.com For Energy Products of Idaho.	Two Wood Biomass-Fired Fluidized Bed Boilers. 210MM Btu/hr with Up to 30% TDF; SNCR, Lime Injection and Fabric Filter Controls.	Extractive NO _x , CO, SO ₂ , Oxygen, and Opacity Reporting to 40CFR Part 60, Subpart Db Requirements and Appendix F. Provided in Stand-Alone Shelter.
Pittsburgh Glass Works, LLC. 5123 Victory Blvd. Cochranton, PA 16334 Dave Vogt: (814) 336-8326	Four Stacks on Two Float Glass Manufacturing Furnaces	Dilution NO _x and Ultrasonic Flow CERMS. Reporting to Pennsylvania Requirements and 40CFR75. Provided in Two Stand-Alone Shelters.
PPG Industries, Inc. 400 Park Avenue Carlisle, PA 17015 Len Arena: (717) 226-4411	Two Float Glass Manufacturing Furnace Stacks	Dilution NO _x and Ultrasonic Flow CERMS. Reporting to Pennsylvania Requirements and 40CFR75
Shaw Plant 80 1019 Riverbend Dr Dalton GA 30772 Reese Graves Jr (706)275-4655	Carpet-Fired Boiler with Baghouse	Extractive NO _x Oxygen, Moisture, and Volumetric Flowrate. Reporting to 40CFR Part 60, Subpart Db Requirements and Appendix F and GAEPD permit.
Southern States Chemical 1600 E. President St. Savannah GA Gary Cantrell:(912) 232-1101	Sulfuric Acid Production Facility	Dilution SO ₂ , and oxygen monitoring. Reporting to 40CFR Part 60 and GAEPD permit.
Westinghouse Anniston Anniston Army Depot 3580 Morrisville Rd. Anniston AL 36201 Steven Downing: (256) 240-2386 Ext. 2165	Chemical Agent Incineration	Extractive CO, Oxygen Monitor Compliance to 40CFR Part 63 PLC communicates with Plant DCS for reporting. Includes Autosensing Dual Range and Integrated Hot Spare Analyzer.
Wilbara Corp 4620 Highway 421N Wilmington, NC 28401 Bryan Beyer: (912) 232-1101	Sulfuric Acid Production Facility	Dilution SO ₂ , and oxygen monitoring (PLC communicates with Plant DCS)
Momentive Performance Products 611 O'Neil Drive S.E. Hebron OH 43025 Larry Lavender (740) 929-8736	Glass production Furnaces with SCR control monitored by CEMS/CERMS	Extractive NO _x Inlet and Outlet of a an SCR Control System for Efficiency Calculation, Flow and Lbs/Hr Reporting to 40CFR60, Appendix F. With Fully Integrated Hot Spare Analysis.
FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Multitrade Rabun Gap, LLC 533 Kelly's Creek Rd. Rabun Gap, GA 30568 Geoff Crisler (706) 433-3789 For Aldridge, Inc.	Wood Biomass-Fired Boiler. 290MM Btu/hr, Dry ESP.	Extractive NO _x , CO, Oxygen, Moisture, Volumetric Flowrate and Opacity Reporting to 40CFR Part 60, Subpart Db Requirements and Appendix F. Provided in Stand-Alone Shelter.
Genzyme Manufacturing 500 Soldiers Field Road. Allston, MA 02134 Michael Cobb (617) 562-4580 For Rentech Boiler Systems, Inc.	Natural Gas Turbine with HRSG and SCR.	Extractive NO _x , Oxygen and Ammonia. Stream-Switching NO _x – NO _x Ammonia Measurement for SCR Control Purposes and Not Regulatory Compliance. Data PLC to DCS Transfer.

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Langboard, Inc - MDF. 548 Langboard Rd. Willacoochee, GA 31650 Tim Putala 229-263-8943 tputala@langboard.com	Energy Unit. Wood-fired followed by dry ESP. MDF Facility. APC Control Parameter Monitoring Includes ESP's, Scrubbers, BioScrubber	Compliance Volumetric Flow Rate, Opacity, Extractive NO _x , Moisture, Oxygen and Parameter Monitoring of Air Pollution Control Systems
Evergreen Community Power 720 Laurel St. Reading, PA 19602 Cliff Heistand 610-374-3000 Cliff.Heistand@ecpreading.com	Multi-Fuel-Fired Boiler. 482MM Btu/hr Bubbling Fluidized Bed Boiler Firing Natural Gas and Solid Waste Materials. Sorbent Injection, Multiclones, Dry ESP Followed by SCR.	Extractive NO _x , SO ₂ , CO, Oxygen, Moisture, Volumetric Flowrate and Opacity Reporting to PADEP, Part 75 Requirements. Provided in Stand-Alone Shelter.
Confidential Client Fort Dodge, Iowa Ben Bunner 770-925-7100 For The McBurney Corporation	Two Biomass-Fired Boilers with SCR, Spray Dryer Adsorbers, Fabric Filter Particulate Control One Biogas, Natural Gas-Fired Boiler	Extractive NO _x , SO ₂ , CO, O ₂ and Opacity. Reporting to 40CFR60, Appendix F. Provided in Stand-Alone Shelter.
Tate & Lyle 1989 Hayes Ave. Fort Dodge, Iowa 50501 Dave Nissen: 217-791-3581	Anaerobic Digester Scrubber	Dilution- Extractive Non-Compliance Process Monitoring for Hydrogen Sulfide. PLC Ethernet Communication with DCS/
Confidential Client Silvertown, UK Ben Bunner 770-925-7100 For The McBurney Corporation benb@mcburney.com	Biomass-Fired Boiler with SNCR NO _x Control	Extractive Stack Compliance Monitoring for NO _x , CO, SO ₂ , O ₂ and HCl, Insitu Particulate. Reporting to MCERTS requirements. Extractive NO _x for four SNCR Inlet Process Control points.
University of Georgia Central Steam Plant Athens, GA 30602 Waymon Fields:(706) 542-2019 For McGill AirClean Jared McGill: (614) 829-1373	Stoker Coal-Fired Boiler with Dry Sorbent Injection and Fabric Filter for SO ₂ and HCl Control	Dilution SO ₂ , Oxygen Inlet and Outlet of a Dry Sorbent Injection Fabric Filter Control System for Efficiency Calculation (non-compliance; PLC communicates with Plant DCS)
Kronospan LLC 9320 AL Hwy 202 Eastaboga, TN 36260 Jeff Williamson (256) 240-6816 For Wellons Canada	Energy Units and Combustion Air Ducts (Dryer Exhausts). Wood-fired followed by dry ESP. (Two Systems) Heating Units. Wood-fired followed by dry ESP and RTO. MDF Facility (One System)	Extractive, NO _x , CO, Wet and Dry Oxygen for SNCR Process Control and Combustion Control (Non-Compliance Monitoring) Extractive Volumetric Flow Rate, NO _x , CO, Oxygen, Moisture and Opacity. Reporting to 40CFR60, Subpart Db and Appendix F Provided in Two Stand-Alone Shelters.
Pratt Industries Mill Division 10429 Richard Pratt Drive Shreveport, LA 71115 Nick Smithson: (318) 797-7375	Gas-fired Boiler	Extractive, NO _x , CO and Oxygen Reporting to 40CFR60, Subpart Db and LADEP Rules.
Tennessee Valley Authority Hawthorne Army Depot Hawthorne, Nevada Facility Jay Scroggins: 256-386-2895 For: Bundy Environmental Technology	Munitions Incineration Unit - Waste Incinerator with Scrubber and Baghouse	Extractive NO _x , SO ₂ , CO, O ₂ and Opacity. Reporting to 40CFR63 and 40CFR60, Appendix F.

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Virginia Commonwealth University 1010 Oliver Hill Way Richmond, VA 23298 Joe Gibson 804-828-3766 jwgibson@vcu.edu	Three Gas and Oil-fired Boilers Providing Steam for the Medical College of Virginia	Dilution NO _x , Oxygen, Opacity, Fuels from 3 Boilers, Reporting to State Permit, Subpart Db and 40CFR60, Appendix F (Turnkey)
Langboard, Inc. Highway 84 East Quitman, GA 31643 Tim Putala 229-263-8943 tputala@langboard.com	Energy Units and Combustion Air Ducts (Dryer Exhausts). Wood-fired followed by dry ESP. OSB Facility.	Extractive Volumetric Flow Rate, NO _x , CO, Oxygen for SNCR Process Control and Combustion Control (Non-Compliance Monitoring)
Hydro-Chem 125 Hickory Springs Industrial Dr. Canton, GA 30142 Dwayne Cleveland 770-345-2222	Hydrogen Production Facilities – Linde Gas in McIntosh, AL Linde Gas in Saraland, AL	Extractive NO _x with Cabinet Integration of Customer Flow and Moisture Analyzer Control Units. Output to Customer Data System
Siemens Building Technologies 1745 Corporate Drive Norcross, GA 30093 John Chase 770-279-4819	Combustion Unit Firing Carpet Trim and Wood Flooring Manufacturing Waste at Shaw Industries in Dalton, GA	Opacity Reporting to Part 60. Installation and Certification, Drawings and Logic for Customer Data System.
DSM Dyneema US Hwy 264 Greenville, NC 27835 Hunter Copeland 252-707-4212 Hunter.Copeland@dsm.com For: CH2M Hill Engineers	Fiber Production Facility. Thirteen Monitoring Locations. Various VOC Sources Including Rotary Concentrator and RTO Exhausts	Extractive THC with Volumetric Flowrate. Stream-switched and Stack Mounted THC Analyzers. Reporting to 40CFR60 and Appendix F Requirements.
Huber Engineered Woods 1000 Chaney Lane Crystal Hill, VA 24539 George Hodges 434-476-6628	Four Stacks after RTO's and WESP Units on OSB Production Process	Extractive CO and Oxygen with Opacity. Reporting to 40CFR60, Appendix B and Appendix F Requirements. Provided in Stand- Alone Shelters (Turnkey)
Langboard, Inc. Highway 84 East Quitman, GA 31643 Tim Putala 229-263-8943	Heating Units. Wood-fired followed by dry ESP. OSB Facility.	Extractive Volumetric Flow Rate, NO _x , CO, Oxygen, Moisture and Opacity. Reporting to 40CFR60, Subpart Db and Appendix F Requirements
Montenay Charleston RRI 1801 Shipyard Creek Rd. N. Charleston, SC 29405 Elwyn Lowe 843-566-9322	Two Municipal Waste-fired Boilers with Dry Scrubbers, Carbon Injection and ESP Particulate Control	Data System Replacement for CEMS on Scrubber Inlet/Outlet. Reporting to 40CFR60, Subpart Ec and Appendix F Requirements.
BP Amoco Chemical Cooper River Plant 1306 Amoco Dr. Wando, SC 29492 Brent Pace 843-881-5182 Brent.Pace@bp.com	Two, 310,000 lb/hr Natural Gas, #2 Fuel Oil and Plant Bio-Gas-fired Boilers.	Extractive NO _x , CO, Oxygen and Opacity Reporting to Part 60, Part 75 and NO _x Budget Program Requirements. Provided in Stand- Alone Shelter.
Interstate Paper, LLC 2366 Interstate Road Riceboro, GA 31323 Mike Cox (912) 884-3371 x232	Multi-Fuel-Fired Boiler. 300MM Btu/hr fluidized bed boiler firing solid wood waste, TDF, fuel oil, TRS. Dry ESP Followed by Caustic Scrubber.	Extractive NO _x , SO ₂ , CO and Oxygen with Opacity. Reporting to 40CFR60, Subpart Db and Appendix F Requirements. CEMS PLC Communicates with Plant DCS

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
E.I. du Pont de Nemours and Company May Plant Highway 1 Camden, SC 29020 Oscie Brown 803-425-3126	Two, 250,000 lb/hr Stoker Coal-fired Boilers with Baghouse Particulate Control Systems	Extractive Volumetric Flow Rate, NO _x , CO and Oxygen Reporting to Part 60, Part 75 and NO _x Budget Program Requirements. Provided in Stand-Alone Shelter (Turnkey)
Springs Industries Grace Power Plant Grace Ave. Lancaster, SC Jim Elliott 803-286-2703	Two, 250,000 lb/hr Pulverized Coal-fired Boilers with Electrostatic Precipitator Particulate Control Systems	Extractive Volumetric Flow Rate, NO _x , CO and Oxygen Reporting to Part 60, Part 75 and NO _x Budget Program Requirements. Provided in Stand-Alone Shelters (Turnkey)
Texas Tech University CHACP#1@ Main & Hartford Lubbock, TX 79409 Steve Owen 806-742-3415 For: Rentech Boiler Systems, Inc.	Gas and Oil-fired Boiler	Extractive NO _x , CO and Oxygen. Reporting to 40CFR60, Subpart Db and Appendix F Requirements
General Electric Newark Quartz Facility 611 O'Neill Drive Hebron, OH 43025 Stan Podolak-- 740-928-7010 For: Durr Environmental, Inc.	Selective Catalytic Reactor NO _x Control System – Ohio Installation	Extractive Inlet/Outlet System for NO _x . Reporting to 40CFR60, Appendix F Requirements, 4-20mA Signal Output to Customer DCS.
Coastal Eagle Point Oil Company Rt. 130 & I-95 Westville, NJ 08093 Rich Roat -- 856-251-2894 For: Rentech Boiler Systems, Inc.	Four, 250,000 lb/hr Refinery Gas/Natural Gas/Jet A Fuel Oil-fired Boilers with Selective Catalytic Reactor Control Systems – New Jersey Installation	Extractive NO _x , CO and Oxygen Reporting to Part 60, Part 75 and NO _x Budget Program Requirements. Provided in Four, Stand-Alone Shelters
Coastal Eagle Point Oil Company Rt. 130 & I-95 Westville, NJ 08093 Rich Roat -- 856-251-2894 For Durr Environmental, Inc.	Four Selective Catalytic Reactor NO _x Control Systems – New Jersey Installation	Extractive SCR Inlet Systems for NO and NO _x . Automatic Calibration Control, 4-20mA Signal Output to SCR Control System.
Cobb County Water System RL Sutton WRF 5175 S. Atlanta Road Smyrna, GA 30080 Curtis McWaters (770) 419-6466	Two Sewage Sludge Incinerators Cobb County Georgia – Smyrna, GA	Extractive THC, Oxygen, Moisture and Process Signals -- Reporting to 40CFR503 Requirements (Turnkey)
Centers for Disease Control Steam Plant 1600 Clifton Rd., NE Atlanta, Georgia 30333 Willie Potter: (404) 639-3317	Three Gas and Oil-fired Boilers	Predictive Emission Monitoring Systems (PEMS) for NO _x Reporting to 40CFR60, Subpart Db and Georgia Rules.
Emory University Steam Plant 638 Asbury Circle Atlanta, Georgia 30322 Rob Manchester: 404-727-7569	Two Gas and Oil-fired Boilers	Predictive Emission Monitoring Systems (PEMS) for NO _x Reporting to 40CFR60, Subpart Db and Georgia Rules.
City of Atlanta, Georgia RM Clayton and Utoy Creek Wastewater Treatment Facilities Atlanta, GA Mike Shelhamer 404-472-9517	Two Sewage Sludge Incinerators City of Atlanta, Georgia	Extractive THC, Oxygen, Moisture and Process Signals -- Reporting to 40CFR503 Requirements (Turnkey)

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
Gulfstream Aerospace 4150 Donald Douglas Dr Long Beach, CA 90808 Roger Bowman--(562) 627-7584	Aircraft Production and Painting. Carbon Adsorption and Regenerative Thermal Oxidizers with Rotary Concentrator	Extractive THC Stream-switched and THC Analyzers. Reporting to 40CFR60 and Appendix F Requirements. Eight Monitoring Locations
Lockheed Martin Aeronautics Company 86 S. Cobb Dr. Marietta, GA 30063-0446 Carl Jacobsen--(770) 494-2631	Aircraft Production and Painting. Two Gas and Oil-fired Boilers	Predictive Emission Monitoring Systems (PEMS) for NO _x Reporting to 40CFR60, Subpart Db and Georgia Rules. Integrated PEMS PLC Communications with Two Boiler PLCs.
New Hanover County , NC Waste to Energy Facility 3002 Hwy. 421 North Wilmington, North Carolina 28401 Al Canady, Maintenance Manager 910-341-4165	Municipal Waste-Fired Boilers (Six Sampling Points on Three Sources)	Dilution Extractive Inlet/Outlet SO ₂ , Oxygen, Moisture; Outlet NO _x , CO, Opacity. Reporting to 40CFR60, Appendix F Requirements (Turnkey)
Dynegy Energy Hartwell Energy Facility 415 Smith McGee Highway Hartwell, Georgia 30643 Mike McCollum 706-376-7010 MMcCollum@hartwellenergy.com	Two, 159MW Simple Cycle Combustion Turbines	Extractive NO _x and Oxygen Reporting to Part 75 Requirements. Provided in Two, Stand-Alone Shelters, MODBUS Serial Communications of Process Parameters (Turnkey System)
WestPoint Stevens Clemson Finishing Facility Cherry Rd. Clemson, South Carolina 29631 Kevin Cleveland 864-653-2610	Two Gas and Oil-fired Boilers	Predictive Emission Monitoring Systems (PEMS) for NO _x Reporting to 40CFR60, Subpart Db.
City of Savannah Georgia President Street WWTF Savannah, Georgia 31404 Jim Laplander, Senior Civil Eng. 912-651-6510	Two Sewage Sludge Incinerators	Extractive THC, Oxygen, Moisture, Opacity, Process Signals -- Reporting to 40CFR503 Requirements (Turnkey)
University of Virginia Charlottesville, Virginia 22903 Tom Frazer, Utilities 804-962-4621	Two Coal and Gas-fired Boilers	Dilution NO _x , Oxygen, Opacity, Fuels from 5 Boilers, Reporting to Subpart Db and 40CFR60, Appendix F (Turnkey)
GNB Battery Recycling Columbus, Georgia 31906 Kristen Spangler 706-689-0761	Rotary Furnace and Reverb Furnace Lead Production	Extractive CO, Oxygen, Volumetric Flowrates, SO ₂ , NO _x , Moisture. Reporting to 40CFR60, Appendix F Requirements
JM Huber Corporation Wood Products Division Crystal Hill, Virginia 24539 George Hodges 804-476-6628	Two Stacks after RTO's and WESP Units on OSB Production Process	Opacity. Reporting to 40CFR60, Subpart Dc Requirements
Visy Paper, Inc. Conyers, Georgia 30307 David Kokinda 770-922-5400	Gas and Oil-fired Boiler	Extractive NO _x , CO and Oxygen. Reporting to 40CFR60, Subpart Db and Appendix F Requirements

FACILITY/CONTACT	PROCESS/CONTROL	PARAMETERS MONITORED
City of Jacksonville Florida Buckman WWTF Jacksonville, Florida 32206 David Kowalski 904-665-8356	Two Sewage Sludge Incinerators	Extractive THC, Oxygen, Moisture, Opacity and Process Signals -- Reporting to 40CFR503 Requirements (Turnkey)
Takeda Chemical Products USA. Wilmington, North Carolina 28401 Steve Yandle 910-343-5590	No. 6 Fuel Oil-fired Boiler with Caustic Wet Scrubber	Extractive Inlet/Outlet SO ₂ , Oxygen and Outlet NO _x . Reporting to 40CFR60 Subpart Db and Appendix F Requirements
Thomaston Mills, Inc. Cogeneration Facility Thomaston, Georgia 30286 Terry Renfro 706-647-7131	Coal-fired Boiler with Dry Scrubber/Baghouse	Dilution Inlet/Outlet SO ₂ , Oxygen and Outlet NO _x , Opacity. Reporting to 40CFR60, Subpart Db and Appendix F Requirements
E.I. Dupont de Nemours (Bundy Environmental) May Plant Camden, SC 29020 Wes McKenzie (Bundy Env.) 614-861-2500	Two Coal-fired Boilers with Baghouse	Opacity. Reporting to 40CFR60, Appendix B, PS1
Dolco Packaging Corporation Lawrenceville, GA 30245 Steve Morton 770-963-6191	EPS Production Regenerative Thermal Oxidizer	Extractive Inlet/Outlet THC as Butane. Reporting to 40CFR60, Appendix B, PS8
Ruetgers-Nease Corporation Gracewood, Georgia 30812 Dave Welliver 706-793-0476	Chemical Production	Extractive THC as Isobutylene, Volumetric Flowrate. Reporting to 40CFR60, Appendix B, PS8