

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
1	AMERICAN ZINC RECYCLING CORP	AMERICAN ZINC RECYCLING CORP/PALMERTON	Kiln General	Calcline Kiln 1	Opacity	%	certified	24-OCT-07	17-DEC-07	Carbon	Palmerston	WILKES-BARRE
2	AMERICAN ZINC RECYCLING CORP	AMERICAN ZINC RECYCLING CORP/PALMERTON	Kiln General	Calcline Kiln 6	Opacity	%	certified	24-OCT-07	17-DEC-07	Carbon	Palmerston	WILKES-BARRE
3	AMERICAN ZINC RECYCLING CORP	AMERICAN ZINC RECYCLING CORP/PALMERTON	Kiln General	Waelz Kiln 2	Opacity	%	certified	07-MAR-13	18-MAR-14	Carbon	Palmerston	WILKES-BARRE
4	AMERICAN ZINC RECYCLING CORP	AMERICAN ZINC RECYCLING CORP/PALMERTON	Kiln General	Waelz Kiln 5	Opacity	%	certified	07-MAR-13	08-MAY-13	Carbon	Palmerston	WILKES-BARRE
5	ANCHOR HOCKING LLC	ANCHOR HOCKING LLC/MONACA PLT	Combustion Unit	Melt Tank #2	NOx	lbs/hr	certified	11-MAR-13	20-AUG-12	Beaver	Monaca	SOUTHWESTERN
6	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	Heat Input (RACT2)	MBtu/hr	certified	02-AUG-19	10-APR-17	Blair	Roaring Spring	HARRISBURG
7	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	NOx	lbs/MBtu	certified	19-APR-06	01-OCT-07	Blair	Roaring Spring	HARRISBURG
8	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	NOx (DEF Calculated)	lbs/MBtu	certified	02-AUG-17	01-JAN-17	Blair	Roaring Spring	HARRISBURG
9	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	NOx (RACT2)	lbs/hr	certified	02-AUG-19	10-APR-17	Blair	Roaring Spring	HARRISBURG
10	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	NOx Allowable	lbs/MBtu	certified	19-APR-06	01-OCT-07	Blair	Roaring Spring	HARRISBURG
11	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	NOx Allowable (RACT2)	lbs/MBtu	certified	02-AUG-17	01-JAN-17	Blair	Roaring Spring	HARRISBURG
12	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Power Boiler 4	Opacity	%	certified	21-AUG-06	21-AUG-06	Blair	Roaring Spring	HARRISBURG
13	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Recovery Boiler 3 East	Opacity	%	certified	19-APR-06	01-OCT-07	Blair	Roaring Spring	HARRISBURG
14	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Recovery Boiler 3 East	TRS	ppm	certified	07-DEC-15	03-MAY-13	Blair	Roaring Spring	HARRISBURG
15	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Recovery Boiler 3 West	Opacity	%	certified	31-OCT-18	12-JUL-18	Blair	Roaring Spring	HARRISBURG
16	APPVION OPR INC	APPVION OPR INC/SPRING MILL	Combustion Unit	Recovery Boiler 3 West	TRS	ppm	certified	07-DEC-15	03-MAY-13	Blair	Roaring Spring	HARRISBURG
17	ARCELORMITTAL MONESSEN LLC	ARCELORMITTAL MONESSEN LLC/MONESSEN COKE PLT	Coke Oven Battery	Combustion Stack #1	Opacity	%	certified	10-APR-18	19-DEC-18	Westmoreland	Monessen	SOUTHWESTERN
18	ARCELORMITTAL MONESSEN LLC	ARCELORMITTAL MONESSEN LLC/MONESSEN COKE PLT	Coke Oven Battery	Combustion Stack #2	Opacity	%	certified	10-APR-18	19-DEC-18	Westmoreland	Monessen	SOUTHWESTERN
19	ARCELORMITTAL MONESSEN LLC	ARCELORMITTAL MONESSEN LLC/MONESSEN COKE PLT	Other	Desulfurization Process	H2S	ppm	certified	13-NOV-15	19-AUG-16	Westmoreland	Monessen	SOUTHWESTERN
20	ARCELORMITTAL STEELTON LLC	ARCELORMITTAL STEELTON LLC/STEELTON	Combustion Unit	Furnace	NOx	lbs/hr	certified	06-APR-15	23-NOV-10	Dauphin	Steelton	HARRISBURG
21	ARCELORMITTAL STEELTON LLC	ARCELORMITTAL STEELTON LLC/STEELTON	Combustion Unit	Furnace	NOx	lbs/hr	certified	06-APR-15	23-NOV-10	Dauphin	Steelton	HARRISBURG
22	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 1	NOx	lbs/hr	certified	04-JAN-18	16-NOV-17	Mckeane	Port Allegany	MEADVILLE
23	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 1	Opacity	%	certified	04-JAN-18	16-NOV-17	Mckeane	Port Allegany	MEADVILLE
24	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 1	SO2	lbs/hr	certified	04-JAN-18	16-NOV-17	Mckeane	Port Allegany	MEADVILLE
25	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 3	NOx	lbs/hr	certified	14-NOV-16	23-AUG-16	Mckeane	Port Allegany	MEADVILLE
26	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 3	Opacity	%	certified	14-FEB-14	03-APR-13	Mckeane	Port Allegany	MEADVILLE
27	ARDAGH GLASS INC	ARDAGH GLASS INC/PORT ALLEGANY PLT	Glass Furnace	Furnace 3	SO2	lbs/hr	certified	14-NOV-16	23-AUG-16	Mckeane	Port Allegany	MEADVILLE
28	ARMSTRONG CEMENT & SUPPLY CORP	ARMSTRONG CEMENT & SUPPLY/WINFIELD	Cement Kiln	Kilns 1 2	NOx	lbs/hr	certified	13-JAN-17	05-DEC-15	Butler	Winfield	MEADVILLE
29	ARMSTRONG CEMENT & SUPPLY CORP	ARMSTRONG CEMENT & SUPPLY/WINFIELD	Cement Kiln	Kilns 1 2	SO2	ppm	certified	13-JAN-17	05-DEC-15	Butler	Winfield	MEADVILLE
30	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 1	NOx	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
31	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 1	NOx Allowable	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
32	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 2	NOx	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
33	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 2	NOx Allowable	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
34	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 3	NOx	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
35	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 3	NOx Allowable	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
36	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 4	NOx	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
37	ARMSTRONG POWER LLC	ARMSTRONG POWER/S BEND	Combustion Turbine	Unit 4	NOx Allowable	ppm	certified	16-NOV-01	03-DEC-01	Armstrong	South Bend	MEADVILLE
38	BIRDSBORO POWER LLC	BIRDSBORO POWER LLC/BIRDSBORO POWER PROJECT	Combustion Turbine	Combustion turbine #1	CO	ppm	certified	03-AUG-18	28-MAY-19	Berks	Birdsboro	HARRISBURG
39	BIRDSBORO POWER LLC	BIRDSBORO POWER LLC/BIRDSBORO POWER PROJECT	Combustion Turbine	Combustion turbine #1	NOx	ppm	certified	03-AUG-18	28-MAY-19	Berks	Birdsboro	HARRISBURG
40	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Unit	Unit 3	Hg	lbs/GWh	uncertified	12-JUL-16		York	East Manchester	HARRISBURG
41	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Unit	Unit 3	NOx	lbs/MBtu	certified	31-AUG-08	10-DEC-09	York	East Manchester	HARRISBURG
42	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Turbine	Unit 3	SO2	lbs/MBtu	certified	30-AUG-08	10-DEC-09	York	East Manchester	HARRISBURG
43	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Unit	Units 1 2	Hg	lbs/GWh	uncertified	12-JUL-16		York	East Manchester	HARRISBURG
44	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Unit	Units 1 2	NOx	lbs/MBtu	certified	30-AUG-08	10-DEC-09	York	East Manchester	HARRISBURG
45	BRUNNER ISLAND LLC	BRUNNER ISLAND LLC/BRUNNER ISLAND	Combustion Unit	Units 1 2	SO2	lbs/MBtu	certified	30-AUG-08	10-DEC-09	York	East Manchester	HARRISBURG
46	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 1	CO	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
47	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 1	NOx	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
48	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 1	NOx Allowable	ppm	certified	26-JAN-11	08-JUL-11	York	Peach Bottom	HARRISBURG
49	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 2	CO	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
50	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 2	NOx	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
51	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 2	NOx Allowable	ppm	certified	26-JAN-11	08-JUL-11	York	Peach Bottom	HARRISBURG
52	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 3	CO	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
53	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 3	NOx	ppm	uncertified	18-OCT-19		York	Peach Bottom	HARRISBURG
54	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	TURBINE UNIT 3	NOx Allowable	ppm	certified	26-JAN-11	08-JUL-11	York	Peach Bottom	HARRISBURG
55	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	CO	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
56	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	CO	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
57	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	CO Allowable	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
58	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	NH3	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
59	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	NOx	lbs/hr	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
60	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	NOx	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
61	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 5	NOx Allowable	ppm	certified	28-AUG-18	13-APR-19	York	Peach Bottom	HARRISBURG
62	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	CO	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
63	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	CO	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
64	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	CO Allowable	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
65	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	NH3	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
66	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	NOx	lbs/hr	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
67	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	NOx	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
68	CALPINE MID MERIT LLC	CALPINE MID MERIT LLC/YORK ENERGY CTR DELTA	Combustion Turbine	Turbine Unit 6	NOx Allowable	ppm	certified	28-AUG-18	12-APR-19	York	Peach Bottom	HARRISBURG
69	CHAMBERSBURG ENERGY LLC	CHAMBERSBURG ENERGY LLC/CHAMBERSBURG	Combustion Turbine	Unit 12	NOx	lbs/hr	certified	22-JAN-02	13-FEB-02	Franklin	Guilford	HARRISBURG
70	CHAMBERSBURG ENERGY LLC	CHAMBERSBURG ENERGY LLC/CHAMBERSBURG	Combustion Turbine	Unit 12	NOx	ppm	certified	22-JAN-02	13-FEB-02	Franklin	Guilford	HARRISBURG
71	CHAMBERSBURG ENERGY LLC	CHAMBERSBURG ENERGY LLC/CHAMBERSBURG	Combustion Turbine	Unit 13	NOx	lbs/hr	certified	22-JAN-02	13-FEB-02	Franklin	Guilford	HARRISBURG
72	CHAMBERSBURG ENERGY LLC	CHAMBERSBURG ENERGY LLC/CHAMBERSBURG	Combustion Turbine	Unit 13	NOx	ppm	certified	22-JAN-02	13-FEB-02	Franklin	Guilford	HARRISBURG
73	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	CO	lbs/MBtu	certified	13-JAN-17	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT
74	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	CO Allowable	lbs/MBtu	certified	27-JAN-97	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT
75	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	Heat Input (RACT2)	Btu/hr	certified	06-DEC-17	01-JAN-17	Northumberland	Riverside	WILLIAMSPORT
76	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	NOx	lbs/MBtu	certified	13-JAN-17	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT
77	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	NOx (DEF Calculated)	lbs/MBtu	certified	06-DEC-17	01-JAN-17	Northumberland	Riverside	WILLIAMSPORT
78	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	NOx (RACT2)	lbs/hr	certified	06-DEC-17	01-JAN-17	Northumberland	Riverside	WILLIAMSPORT
79	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	NOx Allowable	lbs/MBtu	certified	27-JAN-97	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT
80	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 2	NOx Allowable (RACT2)	lbs/MBtu	certified	06-DEC-17	01-JAN-17	Northumberland	Riverside	WILLIAMSPORT
81	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 3	CO	lbs/MBtu	certified	13-JAN-17	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT
82	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 3	CO Allowable	lbs/MBtu	certified	27-JAN-97	01-JAN-97	Northumberland	Riverside	WILLIAMSPORT
83	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 3	Heat Input (RACT2)	Btu/hr	certified	06-DEC-17	01-JAN-17	Northumberland	Riverside	WILLIAMSPORT
84	CHEROKEE PHARM LLC	CHEROKEE PHARM LLC/RIVERSIDE BORO PLT	Combustion Unit	Boiler 3	NOx	lbs/MBtu	certified	13-JAN-17	01-DEC-16	Northumberland	Riverside	WILLIAMSPORT



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No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
169	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	CO	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
170	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	HCl	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
171	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	HCl Reduction	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
172	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	NOx	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
173	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	O2	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
174	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	Opacity	%	certified	07-APR-00	14-APR-00	Montgomery	Plymouth	NORRISTOWN
175	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	SO2	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
176	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	SO2 Reduction	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
177	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 1	Temperature	Degrees F	certified	24-JAN-91	03-JAN-97	Montgomery	Plymouth	NORRISTOWN
178	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	CO	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
179	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	HCl	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
180	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	HCl Reduction	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
181	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	NOx	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
182	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	O2	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
183	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	Opacity	%	certified	08-MAR-99	01-JAN-97	Montgomery	Plymouth	NORRISTOWN
184	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	SO2	ppm	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
185	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	SO2 Reduction	%	certified	27-JUN-07	17-DEC-07	Montgomery	Plymouth	NORRISTOWN
186	COVANTA PLYMOUTH RENEWABLE ENERGY LLC	COVANTA PLYMOUTH RENEWABLE ENERGY/ PLYMOUTH	Municipal Waste Combustor	MWI 2	Temperature	Degrees F	certified	24-JAN-91	03-JAN-97	Montgomery	Plymouth	NORRISTOWN
187	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG A	CO	lbs/hr	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
188	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG A	CO	ppm	certified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
189	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG A	NOx	lbs/hr	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
190	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx	ppm	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
191	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG A	NOx Allowable	lbs/hr	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
192	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG A	NOx Allowable	ppm	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
193	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx	lbs/hr	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
194	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	CO	ppm	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
195	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx	uncertified	15-AUG-19			Cambridia	Jackson	SOUTHWESTERN
196	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx	ppm	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
197	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx Allowable	lbs/hr	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
198	CPV FAIRVIEW LLC	CPV FAIRVIEW LLC/FAIRVIEW ENERGY CTR	Combustion Turbine	CV/FEC UNIT CTG B	NOx Allowable	ppm	uncertified	15-AUG-19		Cambridia	Jackson	SOUTHWESTERN
199	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	CO	lbs/hr	certified	04-JAN-19	12-NOV-18	Elk	Johnsontown	MEADVILLE
200	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	CO	ppm	certified	04-JAN-19	12-NOV-18	Elk	Johnsontown	MEADVILLE
201	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	NOx	lbs/hr	certified	28-FEB-19	26-APR-10	Elk	Johnsontown	MEADVILLE
202	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	NOx	ppm	certified	21-DEC-09	13-APR-10	Elk	Johnsontown	MEADVILLE
203	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	Opacity	%	certified	07-NOV-14	01-APR-13	Elk	Johnsontown	MEADVILLE
204	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	SO2	lbs/hr	certified	28-FEB-19	26-APR-10	Elk	Johnsontown	MEADVILLE
205	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	SO2	ppm	certified	21-DEC-09	13-APR-10	Elk	Johnsontown	MEADVILLE
206	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	TRS	lbs/hr	certified	28-FEB-19	26-APR-10	Elk	Johnsontown	MEADVILLE
207	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Recovery Furnace	TRS	ppm	certified	21-DEC-09	13-APR-10	Elk	Johnsontown	MEADVILLE
208	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	CO	lbs/hr	certified	30-MAY-18	28-MAR-18	Elk	Johnsontown	MEADVILLE
209	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	Heat Input (RACT2)	MBtu/hr	uncertified	04-DEC-19		Elk	Johnsontown	MEADVILLE
210	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	NOx	lbs/MBtu	uncertified	21-DEC-09		Elk	Johnsontown	MEADVILLE
211	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	NOx	ppm	uncertified	28-FEB-19		Elk	Johnsontown	MEADVILLE
212	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	NOx (DEP Calculated)	lbs/MBtu	uncertified	04-DEC-19		Elk	Johnsontown	MEADVILLE
213	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	NOx (RACT2)	lbs/hr	uncertified	04-DEC-19		Elk	Johnsontown	MEADVILLE
214	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	Opacity	%	certified	07-NOV-14	01-APR-12	Elk	Johnsontown	MEADVILLE
215	DOMTAR PAPER CO LLC	DOMTAR PAPER CO/JOHNSONBURG MILL	Combustion Unit	Units 81 82	TRS	ppm	certified	21-DEC-09	13-APR-10	Elk	Johnsontown	MEADVILLE
216	DYNEGY FAYETTE II LLC	FAYETTE ENERGY CENTER/MASONTOWN	Combustion Turbine	CTG1	NOx	lbs/hr	certified	21-APR-03	21-APR-03	Fayette	German	SOUTHWESTERN
217	DYNEGY FAYETTE II LLC	FAYETTE ENERGY CENTER/MASONTOWN	Combustion Turbine	CTG1	NOx	ppm	certified	21-APR-03	21-APR-03	Fayette	German	SOUTHWESTERN
218	DYNEGY FAYETTE II LLC	FAYETTE ENERGY CENTER/MASONTOWN	Combustion Turbine	CTG2	NOx	lbs/hr	certified	21-APR-03	21-APR-03	Fayette	German	SOUTHWESTERN
219	DYNEGY FAYETTE II LLC	FAYETTE ENERGY CENTER/MASONTOWN	Combustion Turbine	CTG2	NOx	ppm	certified	21-APR-03	21-APR-03	Fayette	German	SOUTHWESTERN
220	EAST PENN MFG CO	EAST PENN MFG CO/INC/SMELTER PLT	Combustion Unit	Lead Furnaces	SO2	ppm	uncertified	13-SEP-19		Berks	Richmond	HARRISBURG
221	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	Heat Input (RACT2)	MBtu/hr	certified	03-APR-17	01-JAN-17	Cambridia	Cambridia	SOUTHWESTERN
222	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	NOx	lbs/MBtu	certified	01-MAR-02	30-APR-02	Cambridia	Cambridia	SOUTHWESTERN
223	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	NOx (DEP Calculated)	lbs/MBtu	certified	03-APR-17	01-JAN-17	Cambridia	Cambridia	SOUTHWESTERN
224	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	NOx (RACT2)	lbs/hr	certified	03-APR-17	01-JAN-17	Cambridia	Cambridia	SOUTHWESTERN
225	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	NOx Allowable (RACT2)	lbs/MBtu	certified	03-APR-17	01-JAN-17	Cambridia	Cambridia	SOUTHWESTERN
226	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	Opacity	%	certified	30-MAR-07	04-MAY-07	Cambridia	Cambridia	SOUTHWESTERN
227	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	01-MAR-02	30-APR-02	Cambridia	Cambridia	SOUTHWESTERN
228	EBENSBURG POWER CO	EBENSBURG POWER CO/EBENSBURG COGENERATION PLT	Combustion Unit	Boiler	SO2 Reduction	%	certified	01-MAR-02	30-APR-02	Cambridia	Cambridia	SOUTHWESTERN
229	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 1A	CO	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
230	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 1A	NOx	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
231	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 1B	CO	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
232	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 1B	NOx	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
233	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 2A	CO	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
234	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 2A	NOx	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
235	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 2B	CO	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
236	EDGEWATER GENERATION HOLDINGS LLC	FAIRLESS ENERGY LLC/FALLS TWP	Combustion Unit	Unit 2B	NOx	ppm	certified	18-APR-16	26-APR-16	Bucks	Falls	NORRISTOWN
237	ELLIOTT CO INC	ELLIOTT CO/IRANNETTE	Combustion Unit	Boiler	NOx	lbs/MBtu	certified	10-JUN-10	10-AUG-10	Westmoreland	Ireanette	SOUTHWESTERN
238	ERIE COKE CORP	ERIE COKE CORP/ERIE PLT	Coke Oven Battery	Coke Battery Combustion Stack	Opacity	%	certified	11-SEP-08	27-FEB-09	Erie	Lebanette	MEADVILLE
239	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	Heat Input (RACT2)	MBtu	uncertified	25-NOV-19		Delaware	Eddystone	NORRISTOWN
240	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	NOx	lbs/MBtu	certified	09-MAR-09	30-JUL-12	Delaware	Eddystone	NORRISTOWN
241	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	NOx	lbs/hr	certified	03-FEB-16	01-JUL-15	Delaware	Eddystone	NORRISTOWN
242	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	NOx (DEP Calculated)	lbs/MBtu	uncertified	25-NOV-19		Delaware	Eddystone	NORRISTOWN
243	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	NOx Allowable (RACT2)	lbs/MBtu	uncertified	25-NOV-19		Delaware	Eddystone	NORRISTOWN
244	EXELON GENERATION CO LLC	EXELON GENERATION CO/EDDYSTONE	Combustion Unit	Units 3 4	Opacity	%	certified	09-MAR-09	30-JUL-12	Delaware	Eddystone	NORRISTOWN
245	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 4	NOx	lbs/MBtu	certified	24-JAN-17	20-MAY-17	Bucks	Falls	NORRISTOWN
246	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 4	NOx	lbs/hr	certified	24-JAN-17	20-MAY-17	Bucks	Falls	NORRISTOWN
247	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 4	NOx Allowable	lbs/MBtu	certified	09-FEB-99	01-JAN-97	Bucks	Falls	NORRISTOWN
248	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 5	NOx	lbs/MBtu	certified	24-JAN-17	19-MAY-17	Bucks	Falls	NORRISTOWN
249	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 5	NOx	lbs/hr	certified	24-JAN-17	19-MAY-17	Bucks	Falls	NORRISTOWN
250	EXELON GENERATION CO LLC	EXELON GENERATION CO/FAIRLESS HILLS GEN STA	Combustion Unit	Unit 5	NOx Allowable	lbs/MBtu	certified	09-FEB-99	01-JAN-97	Bucks	Falls	NORRISTOWN
251	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 1	Hg	lbs/Gwh	uncertified	03-OCT-16		Beaver	Shippingport	SOUTHWESTERN
252	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 1	NOx	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
253	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 1	Particulate	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
254	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
255	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 2	Hg	lbs/GWh	uncertified	03-OCT-16		Beaver	Shippingport	SOUTHWESTERN
256	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
257	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 2	Particulate	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
258	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
259	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 3	Hg	lbs/GWh	uncertified	03-OCT-16		Beaver	Shippingport	SOUTHWESTERN
260	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 3	Nox	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
261	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 3	Particulate	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
262	FIRSTENERGY GENERATION LLC	FIRSTENERGY GEN LLC/BRUCE MANSFIELD PLT	Combustion Unit	Unit 3	SO2	lbs/MBtu	certified	03-OCT-16	01-JAN-16	Beaver	Shippingport	SOUTHWESTERN
263	GANS ENERGY LLC	GANS ENERGY LLC/GANS POWER STA	Combustion Turbine	Unit 8	Nox	lbs/hr	certified	17-JAN-06	21-JUN-06	Fayette	Springhill	SOUTHWESTERN
264	GANS ENERGY LLC	GANS ENERGY LLC/GANS POWER STA	Combustion Turbine	Unit 8	Nox	ppm	certified	17-JAN-06	21-JUN-06	Fayette	Springhill	SOUTHWESTERN
265	GANS ENERGY LLC	GANS ENERGY LLC/GANS POWER STA	Combustion Turbine	Unit 9	Nox	lbs/hr	certified	17-JAN-06	21-JUN-06	Fayette	Springhill	SOUTHWESTERN
266	GANS ENERGY LLC	GANS ENERGY LLC/GANS POWER STA	Combustion Turbine	Unit 9	Nox	ppm	certified	17-JAN-06	21-JUN-06	Fayette	Springhill	SOUTHWESTERN
267	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Heat Input (RACT)	MBtu/hr	certified	07-JUN-17	01-JAN-17	Schuylkill	West Mahanoy	WILKES-BARRE
268	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Nox	lbs/MBtu	certified	26-FEB-14	22-APR-14	Schuylkill	West Mahanoy	WILKES-BARRE
269	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Nox (DEP Calculated)	lbs/MBtu	certified	07-JUN-17	01-JAN-17	Schuylkill	West Mahanoy	WILKES-BARRE
270	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Nox (RACT)	lbs/hr	certified	07-JUN-17	01-JAN-17	Schuylkill	West Mahanoy	WILKES-BARRE
271	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Opacity	%	certified	26-FEB-14	22-APR-14	Schuylkill	West Mahanoy	WILKES-BARRE
272	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	Particulate	lbs/MBtu	uncertified	28-JUN-16		Schuylkill	West Mahanoy	WILKES-BARRE
273	GILBERTON POWER CO	GILBERTON POWER CO/JOHN B RICH MEM POWER STA	Combustion Unit	Units 1 2	SO2	lbs/MBtu	certified	26-FEB-14	22-APR-14	Schuylkill	West Mahanoy	WILKES-BARRE
274	GRAFTECH USA LLC	GRAFTECH USA LLC/ST MARYS	Combustion Unit	Combustion Kilns (16)	SO2	lbs/hr	certified	18-MAY-15	01-JUL-15	Elk	Saint Marys	MEADVILLE
275	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 6	CO	lbs/hr	certified	23-DEC-04	28-JUL-05	Centre	Spring	WILLIAMSPORT
276	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 6	Nox	lbs/hr	certified	23-DEC-04	28-JUL-05	Centre	Spring	WILLIAMSPORT
277	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 6	Opacity	%	certified	23-DEC-04	28-JUL-05	Centre	Spring	WILLIAMSPORT
278	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 6	SO2	lbs/hr	certified	23-DEC-04	28-JUL-05	Centre	Spring	WILLIAMSPORT
279	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 6	CO	lbs/hr	certified	23-DEC-04	28-JUL-05	Centre	Spring	WILLIAMSPORT
280	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 7	Nox	lbs/hr	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
281	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 7	CO	lbs/hr	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
282	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 7	Opacity	%	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
283	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 7	SO2	lbs/hr	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
284	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 7	ppm	ppm	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
285	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 8	CO	lbs/hr	certified	17-JAN-07	26-NOV-07	Centre	Spring	WILLIAMSPORT
286	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 8	Nox	lbs/hr	certified	29-JUN-15	01-APR-19	Centre	Spring	WILLIAMSPORT
287	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 8	Opacity	%	certified	29-JUN-15	28-FEB-17	Centre	Spring	WILLIAMSPORT
288	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 8	SO2	lbs/hr	certified	29-JUN-15	01-APR-19	Centre	Spring	WILLIAMSPORT
289	GRAYMONT PA INC	GRAYMONT PA INC/PLEASANT GAP CON-LIME & BELLEFONTE PLTS	Lime Kiln	Kiln 8	SO2	ppm	certified	29-JUN-15	01-APR-19	Centre	Spring	WILLIAMSPORT
290	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Gas Turbine	Gas Turbine	Heat Input (RACT)	MBtu/hr	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
291	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine	Nox	lbs/hr	certified	03-JUN-16	05-DEC-16	Luzerne	Hazle	WILKES-BARRE
292	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine	Nox Allowable (RACT)	ppm	certified	27-JUL-05	08-NOV-05	Luzerne	Hazle	WILKES-BARRE
293	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine	Nox (DEP Calculated)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
294	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine	Nox (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
295	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine	Nox Allowable (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
296	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Heat Input (RACT)	MBtu/hr	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
297	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox	lbs/hr	certified	17-SEP-12	01-JAN-12	Luzerne	Hazle	WILKES-BARRE
298	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
299	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox (DEP Calculated)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
300	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
301	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox Allowable	lbs/hr	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
302	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox Allowable	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
303	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 2	Nox Allowable (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
304	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Heat Input (RACT)	MBtu/hr	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
305	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox	lbs/hr	certified	17-SEP-12	01-JAN-12	Luzerne	Hazle	WILKES-BARRE
306	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
307	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox (DEP Calculated)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
308	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
309	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox Allowable	lbs/hr	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
310	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox Allowable	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
311	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 3	Nox Allowable (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
312	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Heat Input (RACT)	MBtu/hr	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
313	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox	lbs/hr	certified	17-SEP-12	01-JAN-12	Luzerne	Hazle	WILKES-BARRE
314	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
315	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox (DEP Calculated)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
316	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
317	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox Allowable	lbs/hr	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
318	HAZLETON GENERATION LLC	HAZLETON GEN LLC/HAZLE TWP	Combustion Turbine	Gas Turbine 4	Nox Allowable	ppm	certified	21-APR-03	09-MAY-02	Luzerne	Hazle	WILKES-BARRE
319	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	Gas Turbine 4	Nox Allowable (RACT)	ppm	certified	16-MAY-17	01-JAN-17	Luzerne	Hazle	WILKES-BARRE
320	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	CO	lbs/MBtu	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
321	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	CO	lbs/hr	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
322	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	CO	ppm	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
323	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	Nox	lbs/MBtu	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
324	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	Nox	lbs/hr	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
325	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT1	Nox	ppm	certified	18-FEB-15	12-MAY-15	Lebanon	South Lebanon	HARRISBURG
326	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	CO	lbs/MBtu	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
327	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	CO	lbs/hr	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
328	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	CO	ppm	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
329	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	Nox	lbs/MBtu	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
330	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	Nox	ppm	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
331	HELIUM IRONWOOD LLC	HELIUM IRONWOOD LLC/LEBANON	Combustion Turbine	CT2	Nox	ppm	certified	18-FEB-15	01-MAY-15	Lebanon	South Lebanon	HARRISBURG
332	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	Clinker Production	tons/hr	certified	06-JUL-18	01-JAN-17	Northampton	Stockertown	WILKES-BARRE
333	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	Nox	lbs/hr	certified	22-FEB-16	20-JUN-15	Northampton	Stockertown	WILKES-BARRE
334	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	Nox (DEP Calculated)	lbs/ton	certified	06-JUL-18	01-JAN-17	Northampton	Stockertown	WILKES-BARRE
335	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	Nox Allowable (RACT)	lbs/ton	certified	06-JUL-18	01-JAN-17	Northampton	Stockertown	WILKES-BARRE
336	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	Opacity	%	certified	22-FEB-16	20-JUN-15	Northampton	Stockertown	WILKES-BARRE

Continuous Emissions Monitoring Systems  
Bureau of Air Quality  
Pennsylvania Department of Environmental Protection  
March 4, 2020

Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
337	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	SO2	lbs/hr	certified	22-FEB-16	20-JUN-15	Northampton	Stockertown	WILKES-BARRE
338	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Cement Kiln	Kilns 1 3	SO2	Northampton	certified	22-FEB-16	20-JUN-15	Northampton	Stockertown	WILKES-BARRE
339	HERCULES CEMENT CO LP DBA BUZZI UNICEM USA	HERCULES CEMENT CO LP/STOCKERTOWN	Clinker Cooler	Coolers 1 3	Opacity	%	certified	05-MAY-17	01-JAN-17	Northampton	Stockertown	WILKES-BARRE
340	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	CO	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
341	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	CO	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
342	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	CO Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
343	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	NH3	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
344	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	NH3	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
345	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	NH3 Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
346	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	Nox	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
347	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	Nox	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
348	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit A	Nox Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
349	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	CO	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
350	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	CO	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
351	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	CO Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
352	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	NH3	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
353	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	NH3	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
354	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	NH3 Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
355	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	Nox	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
356	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	Nox	ppm	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
357	HICKORY RUN ENERGY LLC	HICKORY RUN ENERGY LLC/NORTH BEAVER TWP	Combustion Turbine	Hickory Run Energy Unit B	Nox Allowable	lbs/hr	uncertified	31-OCT-19		Lawrence	North Beaver	MEADVILLE
358	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	Clinker Production	tons/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
359	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	Nox	lbs/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
360	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	Nox (DEP Calculated)	lbs/ton	certified	03-JAN-18	01-JAN-17	Lehigh	Whitehall	WILKES-BARRE
361	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	Nox Allowable	lbs/hr	certified	01-JUL-00	01-JUL-00	Lehigh	Whitehall	WILKES-BARRE
362	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	Opacity	%	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
363	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 2	SO2	lbs/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
364	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 3	Clinker Production	tons/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
365	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 3	Nox	lbs/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
366	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 3	Nox (DEP Calculated)	lbs/ton	certified	03-JAN-18	01-JAN-17	Lehigh	Whitehall	WILKES-BARRE
367	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 3	Nox Allowable	lbs/hr	certified	01-JUL-00	01-JUL-00	Lehigh	Whitehall	WILKES-BARRE
368	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Cement Kiln	Kiln 3	SO2	lbs/hr	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
369	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Clinker Cooler	Clinker Cooler 2	Opacity	%	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
370	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Clinker Cooler	Clinker Cooler 3	Opacity	%	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
371	HOLCIM (US) INC	HOLCIM (US) INC/WHITEHALL PLT	Clinker Cooler	Kiln 3 Preheater	Opacity	%	uncertified	02-MAY-19		Lehigh	Whitehall	WILKES-BARRE
372	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Heat Input (RACT2)	MBtu/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
373	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Nox	lbs/MBtu	certified	12-SEP-16	01-OCT-15	Indiana	Center	MEADVILLE
374	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Nox (DEP Calculated)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
375	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Nox (RACT2)	lbs/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
376	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Nox Allowable (RACT2)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
377	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	Opacity	%	certified	06-OCT-00	01-OCT-15	Indiana	Center	MEADVILLE
378	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	12-SEP-16	01-OCT-15	Indiana	Center	MEADVILLE
379	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 1	SO2	lbs/hr	certified	12-SEP-16	01-OCT-15	Indiana	Center	MEADVILLE
380	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Heat Input (RACT2)	MBtu/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
381	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	07-APR-17	01-APR-16	Indiana	Center	MEADVILLE
382	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Nox (DEP Calculated)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
383	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Nox (RACT2)	lbs/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
384	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Nox Allowable (RACT2)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
385	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	Opacity	%	certified	03-APR-00	14-APR-00	Indiana	Center	MEADVILLE
386	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	07-APR-17	01-APR-16	Indiana	Center	MEADVILLE
387	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 2	SO2	lbs/hr	certified	07-APR-17	01-APR-16	Indiana	Center	MEADVILLE
388	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	Heat Input (RACT2)	MBtu/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
389	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	Nox	lbs/MBtu	certified	13-AUG-01	29-AUG-01	Indiana	Center	MEADVILLE
390	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	Nox (DEP Calculated)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
391	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	Nox (RACT2)	lbs/hr	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
392	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	Nox Allowable (RACT2)	lbs/MBtu	uncertified	11-OCT-19		Indiana	Center	MEADVILLE
393	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	SO2	lbs/MBtu	certified	13-AUG-01	29-AUG-01	Indiana	Center	MEADVILLE
394	HOMER CITY GENERATION LP	HOMER CITY GEN LP/CENTER TWP	Combustion Unit	Unit 3	SO2	lbs/hr	certified	23-JUL-18	18-MAY-16	Indiana	Center	MEADVILLE
395	HUNLOCK ENERGY LLC	HUNLOCK ENERGY LLC/HUNLOCK	Combustion Turbine	Simple Gas Turbine	Nox	lbs/hr	certified	08-MAR-19	01-APR-19	Luzerne	Hunlock	WILKES-BARRE
396	HUNLOCK ENERGY LLC	HUNLOCK ENERGY LLC/HUNLOCK	Combustion Turbine	Simple Gas Turbine	Nox	ppm	certified	08-MAR-19	01-APR-19	Luzerne	Hunlock	WILKES-BARRE
397	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	Nox	lbs/MBtu	certified	11-JAN-18	22-MAR-10	Cambria	Cambria	SOUTHWESTERN
398	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	Nox	lbs/hr	certified	27-APR-09	03-SEP-09	Cambria	Cambria	SOUTHWESTERN
399	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	Opacity	%	certified	28-FEB-06	07-JUN-06	Cambria	Cambria	SOUTHWESTERN
400	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	11-JAN-18	22-MAR-10	Cambria	Cambria	SOUTHWESTERN
401	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	SO2	lbs/hr	certified	29-JAN-10	20-JAN-11	Cambria	Cambria	SOUTHWESTERN
402	INTER POWER AHLCON PARTNERS LP	INTER POWER AHLCON L/COLVER POWER PROJ	Combustion Unit	Boiler	SO2 Reduction	%	certified	11-JAN-18	22-MAR-10	Cambria	Cambria	SOUTHWESTERN
403	JELD WEN INC	JELD WEN INC/FIBER DIV PA	Combustion Unit	Boiler 3	CO	lbs/hr	certified	23-OCT-15	15-JUL-15	Bradford	Wysox	WILLIAMSPORT
404	JELD WEN INC	JELD WEN INC/FIBER DIV PA	Combustion Unit	Boiler 2	CO	ppm	certified	23-OCT-15	04-AUG-15	Bradford	Wysox	WILLIAMSPORT
405	JELD WEN INC	JELD WEN INC/FIBER DIV PA	Combustion Unit	Boiler 3	Nox	lbs/hr	certified	23-OCT-15	15-JUL-15	Bradford	Wysox	WILLIAMSPORT
406	JELD WEN INC	JELD WEN INC/FIBER DIV PA	Combustion Unit	Boiler 3	Nox	ppm	certified	23-OCT-15	15-JUL-15	Bradford	Wysox	WILLIAMSPORT
407	JELD WEN INC	JELD WEN INC/FIBER DIV PA	Combustion Unit	Boiler 3	Opacity	%	certified	23-OCT-15	15-JUL-15	Bradford	Wysox	WILLIAMSPORT
408	JOHNSON MATTHEY INC	JOHNSON MATTHEY INC/RIVERSIDE	Hospital/Lab Waste Incinerator	HWI	CO	ppm	certified	18-JAN-13	17-JUN-13	Montgomery	Upper Merion	NORRISTOWN
409	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 101	CO	ppm	certified	21-OCT-15	19-OCT-15	Adams	Straban	HARRISBURG
410	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 101	CO Allowable	ppm	certified	22-MAY-03	22-MAY-03	Adams	Straban	HARRISBURG
411	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 101	Nox	ppm	certified	06-SEP-13	13-NOV-13	Adams	Straban	HARRISBURG
412	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 201	CO	ppm	certified	22-MAY-03	22-MAY-03	Adams	Straban	HARRISBURG
413	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 201	CO Allowable	ppm	certified	22-MAY-03	22-MAY-03	Adams	Straban	HARRISBURG
414	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 201	Nox	ppm	certified	14-MAR-14	13-NOV-13	Adams	Straban	HARRISBURG
415	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 301	CO	ppm	certified	21-OCT-15	19-OCT-15	Adams	Straban	HARRISBURG
416	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 301	CO Allowable	ppm	certified	22-MAY-03	22-MAY-03	Adams	Straban	HARRISBURG
417	KESTREL ACQUISITION LLC	KESTREL ACQUISITION LLC/HUNTERSTOWN PLT	Combustion Turbine	Unit 301	Nox	ppm	certified	14-MAR-14	13-NOV-13	Adams	Straban	HARRISBURG
418	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	CO	lbs/hr	certified	01-OCT-09	23-APR-10	Northampton	East Allen	WILKES-BARRE
419	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	Clinker Production	tons/hr	certified	26-AUG-19	01-OCT-18	Northampton	East Allen	WILKES-BARRE
420	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	Nox	lbs/hr	certified	26-AUG-19	01-OCT-18	Northampton	East Allen	WILKES-BARRE

Continuous Emissions Monitoring Systems  
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No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
421	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	Nox (DEF Calculated)	lbs/ton	certified	26-AUG-19	01-OCT-18	Northampton	East Allen	WILKES-BARRE
422	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	Opacity	%	certified	01-OCT-09	23-APR-10	Northampton	East Allen	WILKES-BARRE
423	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	SO2	lbs/hr	certified	01-OCT-09	23-APR-10	Northampton	East Allen	WILKES-BARRE
424	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Cement Kiln	Kiln	SO2	ppm	certified	01-OCT-09	23-APR-10	Northampton	East Allen	WILKES-BARRE
425	KEYSTONE CEMENT CO	KEYSTONE PORTLAND CEMENT/EAST ALLEN	Clinker Cooler	Clinker Cooler	Opacity	%	certified	01-OCT-09	23-APR-10	Northampton	East Allen	WILKES-BARRE
426	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 1	Hg	lbs/GWh	uncertified	18-OCT-16		Indiana	West Wheatfield	MEADVILLE
427	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 1	Nox	lbs/MBtu	certified	27-JUL-15	18-AUG-14	Indiana	West Wheatfield	MEADVILLE
428	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 1	Nox	lbs/hr	certified	02-MAY-18	01-JAN-16	Indiana	West Wheatfield	MEADVILLE
429	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	27-JUL-15	18-AUG-14	Indiana	West Wheatfield	MEADVILLE
430	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 1	SO2	lbs/hr	certified	02-MAY-18	01-JAN-16	Indiana	West Wheatfield	MEADVILLE
431	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 2	Hg	lbs/GWh	uncertified	22-JUN-17		Indiana	West Wheatfield	MEADVILLE
432	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	27-JUL-15	19-AUG-14	Indiana	West Wheatfield	MEADVILLE
433	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 2	Nox	lbs/hr	certified	02-MAY-18	01-JAN-16	Indiana	West Wheatfield	MEADVILLE
434	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	27-JUL-15	19-AUG-14	Indiana	West Wheatfield	MEADVILLE
435	KEYSTONE CONEMAUGH PROJ LLC	CONEMAUGH STATION	Combustion Unit	Unit 2	SO2	lbs/hr	certified	02-MAY-18	01-JAN-16	Indiana	West Wheatfield	MEADVILLE
436	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 1	Hg	lbs/GWh	uncertified	14-SEP-16		Armstrong	Plumcreek	MEADVILLE
437	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 1	Nox	certified	05-AUG-08	24-SEP-09	Armstrong	Plumcreek	MEADVILLE	
438	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	05-AUG-08	24-SEP-09	Armstrong	Plumcreek	MEADVILLE
439	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 2	Hg	lbs/GWh	uncertified	14-SEP-16		Armstrong	Plumcreek	MEADVILLE
440	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	05-AUG-08	24-SEP-09	Armstrong	Plumcreek	MEADVILLE
441	KEYSTONE CONEMAUGH PROJ LLC	KEYSTONE STATION	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	05-AUG-08	22-NOV-11	Armstrong	Plumcreek	MEADVILLE
442	LACKAWANNA ENERGY CTR LLC/JESSUP	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	CO	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
443	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	CO	ppm	certified	20-APR-18	24-MAY-18	Lackawanna	Jessup	WILKES-BARRE
444	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	NH3	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
445	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	NH3	ppm	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
446	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	Nox	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
447	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #1	Nox	ppm	certified	20-APR-18	24-MAY-18	Lackawanna	Jessup	WILKES-BARRE
448	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	CO	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
449	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	CO	ppm	certified	20-APR-18	02-SEP-18	Lackawanna	Jessup	WILKES-BARRE
450	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	NH3	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
451	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	NH3	ppm	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
452	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	Nox	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
453	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #2	Nox	ppm	certified	20-APR-18	02-SEP-18	Lackawanna	Jessup	WILKES-BARRE
454	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	CO	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
455	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	CO	ppm	certified	20-APR-18	11-NOV-18	Lackawanna	Jessup	WILKES-BARRE
456	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	NH3	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
457	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	NH3	ppm	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
458	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	Nox	lbs/hr	uncertified	09-DEC-19		Lackawanna	Jessup	WILKES-BARRE
459	LACKAWANNA ENERGY CTR LLC	LACKAWANNA ENERGY CTR LLC/JESSUP	Combustion Turbine	Combustion Turbine #3	Nox	ppm	certified	20-APR-18	11-NOV-18	Lackawanna	Jessup	WILKES-BARRE
460	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	CO	ppm	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
461	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	HCl	ppm	certified	06-NOV-08	20-MAR-09	Lancaster	Conoy	HARRISBURG
462	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	Nox	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
463	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	O2	%	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
464	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	Opacity	%	certified	08-AUG-07	12-DEC-07	Lancaster	Conoy	HARRISBURG
465	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	SO2	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
466	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	SO2 Reduction	%	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
467	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	Steam Flow	Klbs/hr	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
468	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	Temperature	Degrees F	certified	30-MAR-90	01-JAN-97	Lancaster	Conoy	HARRISBURG
469	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 1	Temperature-Bag	Degrees F	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
470	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	CO	ppm	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
471	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	HCl	ppm	certified	06-NOV-08	20-MAR-09	Lancaster	Conoy	HARRISBURG
472	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	Nox	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
473	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	O2	%	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
474	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	Opacity	%	certified	08-AUG-07	12-DEC-07	Lancaster	Conoy	HARRISBURG
475	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	SO2	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
476	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	SO2 Reduction	%	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
477	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	Steam Flow	Klbs/hr	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
478	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	Temperature	Degrees F	certified	30-MAR-90	01-JAN-97	Lancaster	Conoy	HARRISBURG
479	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 2	Temperature-Bag	Degrees F	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
480	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	CO	ppm	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
481	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	HCl	ppm	certified	06-NOV-08	20-MAR-09	Lancaster	Conoy	HARRISBURG
482	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	Nox	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
483	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	O2	%	certified	28-AUG-15	12-NOV-15	Lancaster	Conoy	HARRISBURG
484	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	Opacity	%	certified	08-AUG-07	12-DEC-07	Lancaster	Conoy	HARRISBURG
485	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	SO2	ppm	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
486	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	SO2 Reduction	%	certified	13-JUN-16	20-APR-16	Lancaster	Conoy	HARRISBURG
487	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	Steam Flow	Klbs/hr	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
488	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	Temperature	Degrees F	certified	30-MAR-90	01-JAN-97	Lancaster	Conoy	HARRISBURG
489	LANCASTER CNTY SWMA	LANCASTER CNTY RRF/ LANCASTER	Municipal Waste Combustor	MWI 3	Temperature-Bag	Degrees F	certified	12-OCT-00	06-NOV-00	Lancaster	Conoy	HARRISBURG
490	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	CO	lbs/hr	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
491	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	CO	ppm	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
492	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	HCl	ppm	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
493	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	Nox	lbs/hr	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
494	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	Nox	ppm	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
495	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	O2	%	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
496	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	SO2	ppm	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
497	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	SO2	ppm	certified	28-MAY-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
498	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	Steam Flow	Klbs/hr	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
499	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	Temperature	Degrees F	certified	27-JUL-05	23-JUN-06	Dauphin	Harrisburg	HARRISBURG
500	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1	Temperature-Bag	Degrees F	certified	27-JUL-05	23-JUN-06	Dauphin	Harrisburg	HARRISBURG
501	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1 2 3	HCl	ppm	certified	22-JUL-16	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
502	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 1 2 3	Opacity	%	certified	22-JUL-16	12-DEC-17	Dauphin	Harrisburg	HARRISBURG
503	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	CO	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
504	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSQ RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	CO	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG

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No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
505	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	HCl	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
506	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	NOx	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
507	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	NOx	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
508	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	O2	%	certified	27-JUL-05	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
509	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	SO2	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
510	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	SO2	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
511	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	Steam Flow	Klbs/hr	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
512	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	Temperature	Degrees F	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
513	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 2	Temperature-Bag	Degrees F	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
514	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	CO	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
515	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	CO	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
516	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	HCl	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
517	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	NOx	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
518	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	NOx	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
519	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	O2	%	certified	27-JUL-05	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
520	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	SO2	lbs/hr	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
521	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	SO2	ppm	certified	23-OCT-15	18-NOV-16	Dauphin	Harrisburg	HARRISBURG
522	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	Steam Flow	Klbs/hr	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
523	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	Temperature	Degrees F	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
524	LANCASTER CNTY SWMA	LANCASTER CNTY SWMA/SUSO RESOURCE MGMT COMPLEX	Municipal Waste Combustor	MWC 3	Temperature-Bag	Degrees F	certified	27-JUL-05	20-JUL-06	Dauphin	Harrisburg	HARRISBURG
525	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 1	NOx	lbs/hr	certified	27-JAN-17	31-OCT-17	Berks	Maidencreek	HARRISBURG
526	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 1	CO	lbs/hr	certified	27-JAN-17	31-OCT-17	Berks	Maidencreek	HARRISBURG
527	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 1	Opacity	%	certified	17-JAN-02	11-FEB-02	Berks	Maidencreek	HARRISBURG
528	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 1	SO2	lbs/hr	certified	27-JAN-17	31-OCT-17	Berks	Maidencreek	HARRISBURG
529	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 1	SO2	ppm	certified	09-APR-04	08-NOV-04	Berks	Maidencreek	HARRISBURG
530	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln 2	CO	lbs/hr	certified	27-JAN-17	29-NOV-17	Berks	Maidencreek	HARRISBURG
531	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 2	CO	lbs/hr	certified	27-JAN-17	29-NOV-17	Berks	Maidencreek	HARRISBURG
532	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 2	Opacity	%	certified	17-JAN-02	11-FEB-02	Berks	Maidencreek	HARRISBURG
533	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 2	SO2	lbs/hr	certified	27-JAN-17	29-NOV-17	Berks	Maidencreek	HARRISBURG
534	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Cement Kiln	Kiln 2	SO2	ppm	certified	09-APR-04	08-NOV-04	Berks	Maidencreek	HARRISBURG
535	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Clinker Cooler	Clinker Cooler 1	Opacity	%	certified	17-AUG-15	04-NOV-15	Berks	Maidencreek	HARRISBURG
536	LEHIGH CEMENT CO LLC	LEHIGH CEMENT CO LLC/EVANSVILLE CEMENT PLT & QUARRY	Clinker Cooler	Clinker Cooler 2	Opacity	%	certified	17-AUG-15	04-NOV-15	Berks	Maidencreek	HARRISBURG
537	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	CO	lbs/hr	certified	11-JAN-16	06-MAR-16	Northampton	Lower Nazareth	WILKES-BARRE
538	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	Clinker Production	tons/hr	uncertified	03-JAN-20		Northampton	Lower Nazareth	WILKES-BARRE
539	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	NOx	lbs/hr	certified	11-JAN-16	06-MAR-16	Northampton	Lower Nazareth	WILKES-BARRE
540	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	NOx (DEF Calculated)	lbs/ton	uncertified	03-JAN-20		Northampton	Lower Nazareth	WILKES-BARRE
541	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	Opacity	%	certified	30-AUG-17	02-FEB-17	Northampton	Lower Nazareth	WILKES-BARRE
542	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	SO2	lbs/hr	certified	11-JAN-16	06-MAR-16	Northampton	Lower Nazareth	WILKES-BARRE
543	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Cement Kiln	Kiln	SO2	ppm	certified	11-JAN-16	06-MAR-16	Northampton	Lower Nazareth	WILKES-BARRE
544	LEHIGH CEMENT CO LLC	LEHIGH CEMENT COMPANY LLC/NAZARETH	Clinker Cooler	Clinker Cooler	Opacity	%	certified	02-FEB-17	28-JUN-16	Northampton	Lower Nazareth	WILKES-BARRE
545	LEHIGH WHITE CEMENT CO LLC	LEHIGH WHITE CEMENT CO LLC/YORK	Cement Kiln	Kiln	NOx	lbs/hr	certified	08-JUN-16	25-AUG-16	York	West Manchester	HARRISBURG
546	LEHIGH WHITE CEMENT CO LLC	LEHIGH WHITE CEMENT CO LLC/YORK	Cement Kiln	Kiln	SO2	ppm	certified	08-JUN-16	25-AUG-16	York	West Manchester	HARRISBURG
547	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	CO	lbs/hr	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
548	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	CO	ppm	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
549	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	CO Allowable	ppm	certified	23-APR-01	15-OCT-01	Delaware	Eddystone	NORRISTOWN
550	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	NOx	lbs/hr	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
551	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	NOx	ppm	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
552	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT1	NOx Allowable	ppm	certified	23-APR-01	15-OCT-01	Delaware	Eddystone	NORRISTOWN
553	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	CO	lbs/hr	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
554	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	CO	ppm	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
555	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	CO Allowable	ppm	certified	23-APR-01	15-OCT-01	Delaware	Eddystone	NORRISTOWN
556	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	NOx	lbs/hr	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
557	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	NOx	ppm	certified	21-MAR-14	01-FEB-14	Delaware	Eddystone	NORRISTOWN
558	LIBERTY ELEC POWER LLC	LIBERTY ELEC POWER LLC/EDDYSTONE PLT	Combustion Turbine	CT2	NOx Allowable	ppm	certified	23-APR-01	15-OCT-01	Delaware	Eddystone	NORRISTOWN
559	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 1	CO	lbs/hr	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
560	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 1	CO	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
561	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 1	CO Allowable	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
562	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 1	NOx	lbs/hr	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
563	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 1	NOx	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
564	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 2	CO	lbs/hr	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
565	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 2	CO	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
566	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 2	CO Allowable	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
567	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 2	NOx	lbs/hr	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
568	LMBE PROJ CO LLC	LOWER MOUNT BETHEL ENERGY SES/BANGOR	Combustion Turbine	Unit 2	NOx	ppm	certified	28-OCT-15	01-NOV-15	Northampton	Lower Mount Bethel	WILKES-BARRE
569	MARCUS HOOK 50 LP	MARCUS HOOK 50 LP/MARCUS HOOK	Combustion Turbine	Unit 1	NOx	lbs/MBtu	certified	14-SEP-11	23-FEB-12	Delaware	Marcus Hook	NORRISTOWN
570	MARCUS HOOK 50 LP	MARCUS HOOK 50 LP/MARCUS HOOK	Combustion Turbine	Unit 1	NOx	lbs/hr	certified	14-SEP-11	23-FEB-12	Delaware	Marcus Hook	NORRISTOWN
571	MARCUS HOOK 50 LP	MARCUS HOOK 50 LP/MARCUS HOOK	Combustion Turbine	Unit 1	NOx	ppm	certified	14-SEP-11	23-FEB-12	Delaware	Marcus Hook	NORRISTOWN
572	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT1	CO	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
573	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT1	CO	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
574	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT1	CO Allowable	ppm	certified	24-JUL-03	15-AUG-03	Delaware	Marcus Hook	NORRISTOWN
575	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT1	NOx	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
576	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT1	NOx	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
577	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT2	CO	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
578	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT2	CO	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
579	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT2	CO Allowable	ppm	certified	24-JUL-03	15-AUG-03	Delaware	Marcus Hook	NORRISTOWN
580	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT2	NOx	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
581	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT2	NOx	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
582	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT3	CO	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
583	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT3	CO	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
584	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT3	CO Allowable	ppm	certified	24-JUL-03	15-AUG-03	Delaware	Marcus Hook	NORRISTOWN
585	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT3	NOx	lbs/hr	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
586	MARCUS HOOK ENERGY LP	MARCUS HOOK ENERGY LP/750 MW	Combustion Turbine	CT3	NOx	ppm	certified	14-SEP-11	17-FEB-12	Delaware	Marcus Hook	NORRISTOWN
587	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 3	NOx	lbs/MBtu	certified	27-NOV-12	27-NOV-12	Northampton	Lower Mount Bethel	WILKES-BARRE
588	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 3	Opacity	%	certified	14-SEP-06	15-DEC-06	Northampton	Lower Mount Bethel	WILKES-BARRE

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
589	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 3	SO2	lbs/MBtu	certified	27-NOV-12	27-NOV-12	Northampton	Lower Mount Bethel	WILKES-BARRE
590	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 4	Nox	lbs/MBtu	certified	27-NOV-12	18-DEC-12	Northampton	Lower Mount Bethel	WILKES-BARRE
591	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 4	Opacity	%	certified	14-SEP-06	14-DEC-06	Northampton	Lower Mount Bethel	WILKES-BARRE
592	MC PROJ CO LLC	MC PROJECT CO LLC/MARTINS CREEK	Combustion Unit	Unit 4	SO2	lbs/MBtu	certified	27-NOV-12	18-DEC-12	Northampton	Lower Mount Bethel	WILKES-BARRE
593	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Turbine	Boiler Turbine	Nox	lbs/MBtu	uncertified	06-MAR-00		Montgomery	Upper Gwynedd	NORRISTOWN
594	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Turbine	Boiler Turbine	Nox (RACT)	ppm	uncertified	04-DEC-19		Montgomery	Upper Gwynedd	NORRISTOWN
595	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Turbine	Cogen III	Nox	ppm	certified	29-FEB-16	06-OCT-16	Montgomery	Upper Gwynedd	NORRISTOWN
596	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Heat Input (RACT)	MBtu/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
597	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Nox	lbs/MBtu	certified	01-MAR-16	12-SEP-16	Montgomery	Upper Gwynedd	NORRISTOWN
598	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Nox (DEF Calculated)	lbs/MBtu	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
599	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Nox	lbs/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
600	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Nox Allowable	lbs/MBtu	certified	19-DEC-03	06-JAN-04	Montgomery	Upper Gwynedd	NORRISTOWN
601	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Nox Allowable (RACT)	lbs/MBtu	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
602	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 10	Opacity	%	certified	19-DEC-03	06-JAN-04	Montgomery	Upper Gwynedd	NORRISTOWN
603	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Heat Input (RACT)	MBtu/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
604	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Nox	lbs/MBtu	certified	29-FEB-16	10-AUG-16	Montgomery	Upper Gwynedd	NORRISTOWN
605	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Nox (DEF Calculated)	lbs/MBtu	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
606	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Nox (RACT)	lbs/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
607	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Nox Allowable (RACT)	lbs/MBtu	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
608	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 7	Opacity	%	uncertified	04-DEC-19		Montgomery	Upper Gwynedd	NORRISTOWN
609	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Heat Input (RACT)	MBtu/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
610	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Nox	lbs/MBtu	certified	01-MAR-16	21-JUN-16	Montgomery	Upper Gwynedd	NORRISTOWN
611	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Nox (DEF Calculated)	lbs/MBtu	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
612	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Nox (RACT)	lbs/hr	certified	15-JUN-18	01-JAN-17	Montgomery	Upper Gwynedd	NORRISTOWN
613	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Nox Allowable	lbs/MBtu	certified	20-NOV-99	27-JUN-05	Montgomery	Upper Gwynedd	NORRISTOWN
614	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Nox Allowable (RACT)	lbs/MBtu	certified	28-JUL-09	13-JAN-10	Montgomery	Upper Gwynedd	NORRISTOWN
615	MERCK SHARP & DOHME CORP	MERCK SHARP & DOHME / WEST POINT	Combustion Unit	Boiler 8	Opacity	%	certified	28-JUL-09	13-JAN-10	Montgomery	Upper Gwynedd	NORRISTOWN
616	MERSEN USA ST MARYS PA CORP	MERSEN USA/ST MARYS	Combustion Unit	CBH-29-32 36 37; CAR 1 2 3	SO2	lbs/hr	certified	23-MAY-19	16-JUL-19	Elk	Saint Marys	MEADVILLE
617	MERSEN USA ST MARYS PA CORP	MERSEN USA/ST MARYS	Combustion Unit	CBH-29-32 36 37; CAR 1 2 3	SO2	ppm	certified	23-MAY-19	16-JUL-19	Elk	Saint Marys	MEADVILLE
618	MERSEN USA ST MARYS PA CORP	MERSEN USA/ST MARYS	Combustion Unit	Carbon Baking Kilns 27-33-34-35 and CF 4	SO2	lbs/hr	certified	20-JUN-19	06-JUN-19	Elk	Saint Marys	MEADVILLE
619	MERSEN USA ST MARYS PA CORP	MERSEN USA/ST MARYS	Combustion Unit	Carbon Baking Kilns 27-33-34-35 and CF 4	SO2	ppm	certified	02-AUG-17	07-AUG-17	Elk	Saint Marys	MEADVILLE
620	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 10	CO	lbs/hr	certified	24-SEP-08	24-OCT-11	Delaware	Trainer	NORRISTOWN
621	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 10	H2S	ppm	certified	22-AUG-08	09-MAR-12	Delaware	Trainer	NORRISTOWN
622	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 10	Nox	lbs/hr	certified	24-SEP-08	24-OCT-11	Delaware	Trainer	NORRISTOWN
623	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 14	H2S	ppm	certified	08-OCT-15	02-NOV-16	Delaware	Trainer	NORRISTOWN
624	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 14	Nox	lbs/MBtu	certified	08-OCT-15	02-NOV-16	Delaware	Trainer	NORRISTOWN
625	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 14	Nox	lbs/hr	certified	08-OCT-15	02-NOV-16	Delaware	Trainer	NORRISTOWN
626	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 8	Nox	lbs/MBtu	certified	18-MAR-15	01-NOV-13	Delaware	Trainer	NORRISTOWN
627	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 9	CO	lbs/hr	certified	24-SEP-08	24-OCT-11	Delaware	Trainer	NORRISTOWN
628	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 9	H2S	ppm	certified	22-AUG-08	08-MAR-12	Delaware	Trainer	NORRISTOWN
629	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Combustion Unit	Boiler 9	Nox	lbs/hr	certified	24-SEP-08	24-OCT-11	Delaware	Trainer	NORRISTOWN
630	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Fuel Line	North Yard	H2S	ppm	uncertified	18-DEC-19		Delaware	Trainer	NORRISTOWN
631	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Fuel Line	South Yard	H2S	ppm	uncertified	18-DEC-19		Delaware	Trainer	NORRISTOWN
632	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Other	FCCU	CO	ppm	certified	28-JUL-05	24-JUL-08	Delaware	Trainer	NORRISTOWN
633	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Other	FCCU	Nox	ppm	certified	28-JUL-05	24-JUL-08	Delaware	Trainer	NORRISTOWN
634	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Other	FCCU	SO2	ppm	certified	28-JUL-05	24-JUL-08	Delaware	Trainer	NORRISTOWN
635	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Other	Main Flare	H2S	ppm	certified	30-AUG-18	01-NOV-18	Delaware	Trainer	NORRISTOWN
636	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Other	Su fur Recovery Unit	SO2	ppm	certified	06-DEC-04	12-JUL-05	Delaware	Trainer	NORRISTOWN
637	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Reactor Effluent Heater	H2S	ppm	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
638	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Reactor Effluent Heater	Heat Input (RACT)	MBtu/hr	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
639	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Reactor Effluent Heater	Nox (DEF Calculated)	lbs/MBtu	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
640	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Reactor Effluent Heater	Nox (RACT)	lbs/hr	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
641	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Stripper Reboiler Heater	H2S	ppm	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
642	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Stripper Reboiler Heater	Heat Input (RACT)	MBtu/hr	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
643	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Stripper Reboiler Heater	Nox (DEF Calculated)	lbs/MBtu	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
644	MONROE ENERGY LLC	MONROE ENERGY LLC/TRAINER	Process Heater	Stripper Reboiler Heater	Nox (RACT)	lbs/hr	certified	16-APR-18	01-JAN-18	Delaware	Trainer	NORRISTOWN
645	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 1	Hg	lbs/GWh	uncertified	19-MAY-16		Montour	Derry	WILLIAMSPORT
646	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 1	Nox	lbs/MBtu	certified	28-MAR-07	23-JAN-08	Montour	Derry	WILLIAMSPORT
647	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 2	Hg	lbs/GWh	uncertified	19-MAY-16		Montour	Derry	WILLIAMSPORT
648	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	28-MAR-07	24-JAN-08	Montour	Derry	WILLIAMSPORT
649	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	28-MAR-07	24-JAN-08	Montour	Derry	WILLIAMSPORT
650	MONTOUR LLC	MONTOUR LLC/MONTOUR SES	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	28-MAR-07	24-JAN-08	Montour	Derry	WILLIAMSPORT
651	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	CO	ppm	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
652	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	CO	ppm	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
653	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	CO Allowable	lbs/hr	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
654	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	NH3	lbs/hr	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
655	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	NH3	ppm	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
656	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	NH3 Allowable	lbs/hr	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
657	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	Nox	lbs/hr	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
658	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	Nox	ppm	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
659	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 201	Nox Allowable	lbs/hr	certified	26-JAN-18	20-JUL-18	Luzerne	Salem	WILKES-BARRE
660	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	CO	ppm	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
661	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	CO	ppm	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
662	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	CO Allowable	lbs/hr	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
663	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	NH3	lbs/hr	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
664	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	NH3	ppm	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
665	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	NH3 Allowable	lbs/hr	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
666	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	Nox	ppm	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
667	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	Nox	ppm	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
668	MOXIE FREEDOM LLC DBA CAITHNESS MOXIE FREEDOM	CAITHNESS MOXIE FREEDOM GENERATION PLANT/SALEM TWP	Combustion Turbine	CTDB 202	Nox Allowable	lbs/hr	certified	26-JAN-18	24-JUL-18	Luzerne	Salem	WILKES-BARRE
669	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	CO	lbs/MBtu	certified	21-OCT-08	10-NOV-09	Northumberland	Mount Carmel	WILLIAMSPORT
670	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	CO	lbs/hr	certified	21-OCT-08	10-NOV-09	Northumberland	Mount Carmel	WILLIAMSPORT
671	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	Heat Input (RACT)	MBtu/hr	certified	21-SEP-18	01-JAN-17	Northumberland	Mount Carmel	WILLIAMSPORT
672	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	Nox	lbs/MBtu	certified	21-OCT-08	10-NOV-09	Northumberland	Mount Carmel	WILLIAMSPORT



Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
673	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	Nox	lbs/hr	certified	21-SEP-18	01-JAN-17	Northumberland	Mount Carmel	WILLIAMSPORT
674	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	Nox (DEP Calculated)	lbs/MBtu	certified	21-SEP-18	01-JAN-17	Northumberland	Mount Carmel	WILLIAMSPORT
675	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	Opacity	%	certified	07-MAR-05	01-JUL-05	Northumberland	Mount Carmel	WILLIAMSPORT
676	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	21-OCT-08	10-NOV-09	Northumberland	Mount Carmel	WILLIAMSPORT
677	MT CARMEL COGEN INC	MT CARMEL COGEN/CULM FIRED COGEN PLT	Combustion Unit	Boiler	SO2	lbs/hr	certified	21-OCT-08	10-NOV-09	Northumberland	Mount Carmel	WILLIAMSPORT
678	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 3	Heat Input (RACT2)	MBtu/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
679	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 3	Nox	lbs/MBtu	certified	23-NOV-15	17-APR-16	Lawrence	Taylor	MEADVILLE
680	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 3	Nox (DEP Calculated)	lbs/MBtu	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
681	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 3	Nox (RACT2)	lbs/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
682	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 4	Heat Input (RACT2)	MBtu/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
683	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 4	Nox	lbs/MBtu	certified	23-NOV-15	04-MAY-16	Lawrence	Taylor	MEADVILLE
684	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 4	Nox (DEP Calculated)	lbs/MBtu	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
685	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 4	Nox (RACT2)	lbs/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
686	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 5	Heat Input (RACT2)	MBtu/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
687	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 5	Nox	lbs/MBtu	certified	23-NOV-15	12-MAY-16	Lawrence	Taylor	MEADVILLE
688	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 5	Nox (DEP Calculated)	lbs/MBtu	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
689	NEW CASTLE POWER LLC	NEW CASTLE GENERATING STATION	Combustion Unit	Unit 5	Nox (RACT2)	lbs/hr	uncertified	25-JUL-19		Lawrence	Taylor	MEADVILLE
690	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	CO	lbs/MBtu	certified	30-NOV-16	13-APR-15	Northampton	Northampton	WILKES-BARRE
691	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	CO	lbs/hr	certified	30-NOV-16	14-NOV-16	Northampton	Northampton	WILKES-BARRE
692	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	Nox	lbs/MBtu	certified	07-MAY-15	11-MAY-15	Northampton	Northampton	WILKES-BARRE
693	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	Nox	lbs/hr	certified	07-MAY-15	11-MAY-15	Northampton	Northampton	WILKES-BARRE
694	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	Opacity	%	certified	07-MAY-15	23-APR-15	Northampton	Northampton	WILKES-BARRE
695	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	07-MAY-15	13-APR-15	Northampton	Northampton	WILKES-BARRE
696	NORTHAMPTON GENERATING CO LP	NORTHAMPTON GEN CO/NORTHAMPTON	Combustion Unit	Boiler	SO2	lbs/hr	certified	07-MAY-15	23-APR-15	Northampton	Northampton	WILKES-BARRE
697	NORTHEASTERN POWER CO	NORTHEASTERN POWER CO/MCADOO COGEN	Combustion Unit	Boiler	Nox	lbs/MBtu	certified	30-NOV-07	08-JUL-08	Schuylkill	Kline	WILKES-BARRE
698	NORTHEASTERN POWER CO	NORTHEASTERN POWER CO/MCADOO COGEN	Combustion Unit	Boiler	Opacity	%	certified	30-NOV-07	08-JUL-08	Schuylkill	Kline	WILKES-BARRE
699	NORTHEASTERN POWER CO	NORTHEASTERN POWER CO/MCADOO COGEN	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	30-NOV-07	08-JUL-08	Schuylkill	Kline	WILKES-BARRE
700	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Heat Input (RACT2)	MBtu/hr	uncertified	14-JUL-17		Cambria	Cambria	SOUTHWESTERN
701	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Nox	lbs/MBtu	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
702	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Nox	lbs/hr	certified	11-MAR-04	05-MAY-04	Cambria	Cambria	SOUTHWESTERN
703	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Nox (DEP Calculated)	lbs/MBtu	uncertified	14-JUL-17		Cambria	Cambria	SOUTHWESTERN
704	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Nox (RACT2)	lbs/hr	uncertified	11-SEP-19		Cambria	Cambria	SOUTHWESTERN
705	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	Opacity	%	certified	10-DEC-07	09-JUL-08	Cambria	Cambria	SOUTHWESTERN
706	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
707	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	SO2	lbs/hr	certified	11-MAR-04	05-MAY-04	Cambria	Cambria	SOUTHWESTERN
708	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 1	SO2 Reduction	%	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
709	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Heat Input (RACT2)	MBtu/hr	uncertified	14-JUL-17		Cambria	Cambria	SOUTHWESTERN
710	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Nox	lbs/MBtu	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
711	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Nox	lbs/hr	certified	11-MAR-04	05-MAY-04	Cambria	Cambria	SOUTHWESTERN
712	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Nox (DEP Calculated)	lbs/MBtu	uncertified	14-JUL-17		Cambria	Cambria	SOUTHWESTERN
713	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Nox (RACT2)	lbs/hr	uncertified	11-SEP-19		Cambria	Cambria	SOUTHWESTERN
714	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	Opacity	%	certified	10-DEC-07	09-JUL-08	Cambria	Cambria	SOUTHWESTERN
715	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	SO2	lbs/MBtu	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
716	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	SO2	lbs/hr	certified	11-MAR-04	05-MAY-04	Cambria	Cambria	SOUTHWESTERN
717	NORTHERN STAR GENERATION LLC	CAMBRIA COGEN CO/EBENSBURG	Combustion Unit	Unit 2	SO2 Reduction	%	certified	02-DEC-10	19-MAY-11	Cambria	Cambria	SOUTHWESTERN
718	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	CO	lbs/hr	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
719	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	CO	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
720	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	CO Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
721	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	NH3	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
722	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	NH3 Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
723	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	Nox	lbs/hr	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
724	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	Nox	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
725	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT1	Nox Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
726	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	CO	lbs/hr	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
727	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	CO	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
728	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	CO Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
729	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	NH3	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
730	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	NH3 Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
731	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	Nox	lbs/hr	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
732	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	Nox	ppm	certified	19-MAY-16	18-APR-16	Berks	Ontelaunee	HARRISBURG
733	ONTELAUNEE POWER OPR CO LLC	ONTELAUNEE POWER OPR CO LLC/ONTELAUNEE PLT	Combustion Turbine	CT2	Nox Allowable	ppm	certified	11-FEB-02	11-FEB-02	Berks	Ontelaunee	HARRISBURG
734	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 18	Glass Furnace	Furnace B	Nox	lbs/hr	certified	09-JAN-12	01-JAN-12	Jefferson	Brockway	MEADVILLE
735	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 18	Glass Furnace	Furnace B	Opacity	%	certified	16-MAR-16	12-JUL-16	Jefferson	Brockway	MEADVILLE
736	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 19	Glass Furnace	Furnace C	Nox	lbs/hr	uncertified	12-OCT-17		Jefferson	Snyder	MEADVILLE
737	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 19	Glass Furnace	Furnace C	Opacity	%	uncertified	12-OCT-17		Jefferson	Snyder	MEADVILLE
738	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 19	Glass Furnace	Furnace D	Nox	lbs/hr	uncertified	12-OCT-17		Jefferson	Snyder	MEADVILLE
739	OWENS ILLINOIS INC	OWENS BROCKWAY GLASS CONTAINER PLT 19	Glass Furnace	Furnace D	Opacity	%	uncertified	12-OCT-17		Jefferson	Snyder	MEADVILLE
740	PA DEPT OF AGRIC	PA DEPT OF AGRIC/HBG ANIMAL HEALTH LAB	Hospital/Lab Waste Incinerator	Incinerator	Temperature	Degrees F	certified	26-JAN-06	24-APR-07	Dauphin	Susquehanna	HARRISBURG
741	PA DEPT OF AGRIC	PA DEPT OF AGRIC/HBG ANIMAL HEALTH LAB	Hospital/Lab Waste Incinerator	Incinerator	Temperature-Prim	Degrees F	certified	26-JAN-06	24-APR-07	Dauphin	Susquehanna	HARRISBURG
742	PA DEPT OF AGRIC	PA DEPT OF AGRIC/HBG ANIMAL HEALTH LAB	Hospital/Lab Waste Incinerator	Incinerator	Temperature-Prim	Degrees F	certified	26-JAN-06	24-APR-07	Dauphin	Susquehanna	HARRISBURG
743	PA DEPT OF CORR	PA DEPT OF CORR/HOUTZDALE SCI	Combustion Unit	Boilers 1 2	Opacity	%	certified	20-JUN-07	27-NOV-07	Clearfield	Woodward	WILLIAMSPORT
744	PA DEPT OF CORR	PA DEPT OF CORR/HOUTZDALE SCI	Combustion Unit	Boilers 1 2	SO2	lbs/MBtu	certified	20-JUN-07	27-NOV-07	Clearfield	Woodward	WILLIAMSPORT
745	PA GRAIN PROCESSING LLC	PA GRAIN PROCESSING LLC/CLEARFIELD BORO ETHANOL PROD PLT	Combustion Unit	041 Plant Boiler 1	Nox	lbs/MBtu	certified	09-JUL-13	07-NOV-15	Clearfield	Clearfield	WILLIAMSPORT
746	PA GRAIN PROCESSING LLC	PA GRAIN PROCESSING LLC/CLEARFIELD BORO ETHANOL PROD PLT	Combustion Unit	041 Plant Boiler 1	Nox	lbs/hr	certified	09-JUL-13	07-NOV-15	Clearfield	Clearfield	WILLIAMSPORT
747	PA GRAIN PROCESSING LLC	PA GRAIN PROCESSING LLC/CLEARFIELD BORO ETHANOL PROD PLT	Combustion Unit	042 Plant Boiler 2	Nox	lbs/MBtu	certified	09-JUL-13	07-NOV-15	Clearfield	Clearfield	WILLIAMSPORT
748	PA GRAIN PROCESSING LLC	PA GRAIN PROCESSING LLC/CLEARFIELD BORO ETHANOL PROD PLT	Combustion Unit	042 Plant Boiler 2	Nox	lbs/hr	certified	09-JUL-13	07-NOV-15	Clearfield	Clearfield	WILLIAMSPORT
749	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	CO	lbs/MBtu	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
750	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	CO	lbs/hr	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
751	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	CO Allowable	lbs/MBtu	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
752	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	Nox	lbs/MBtu	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
753	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	Nox	lbs/hr	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
754	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 1a	Nox Allowable	lbs/MBtu	certified	12-JUL-17	09-MAR-17	Centre	State College	WILLIAMSPORT
755	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	CO	lbs/MBtu	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT
756	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	CO	lbs/hr	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
757	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	CO Allowable	lbs/MBtu	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT
758	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	NOx	lbs/MBtu	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT
759	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	NOx	lbs/hr	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT
760	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Combustion Unit	WCSP Boiler 2a	NOx Allowable	lbs/MBtu	certified	17-OCT-16	03-MAR-17	Centre	State College	WILLIAMSPORT
761	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Hospital/Lab Waste Incinerator	Incinerator	CO	ppm	certified	05-DEC-11	01-OCT-11	Centre	State College	WILLIAMSPORT
762	PA STATE UNIV	PA STATE UNIV/UNIV PARK CAMPUS	Hospital/Lab Waste Incinerator	Incinerator	Temperature	Degrees F	certified	26-APR-04	03-MAY-04	Centre	State College	WILLIAMSPORT
763	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	CO	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
764	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	CO	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
765	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	CO Allowable	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
766	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	NH3	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
767	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	NH3	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
768	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	NOx	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
769	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	NOx	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
770	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #1 AND DUCT BURNER (P181)	NOx Allowable	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
771	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	CO	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
772	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	CO	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
773	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	CO Allowable	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
774	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	NH3	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
775	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	NH3	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
776	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	NOx	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
777	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	NOx	ppm	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
778	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #2 AND DUCT BURNER (P182)	NOx Allowable	lbs/hr	certified	21-JUN-18	02-JUN-18	Snyder	Shamokin Dam	WILLIAMSPORT
779	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	CO	lbs/hr	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
780	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	CO	ppm	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
781	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	CO Allowable	lbs/hr	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
782	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	NH3	ppm	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
783	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	NH3	ppm	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
784	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	NOx	lbs/hr	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
785	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	NOx	ppm	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
786	PANDA HUMMEL STA LLC	PANDA HUMMEL STA LLC/SUNBURY NAT GAS PLT	Combustion Turbine	CCGT #3 AND DUCT BURNER (P183)	NOx Allowable	lbs/hr	certified	21-JUN-18	05-SEP-18	Snyder	Shamokin Dam	WILLIAMSPORT
787	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Turbine 1 (P103)	Turbine 1 (P103)	CO	lbs/hr	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
788	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Turbine 1 (P103)	Turbine 1 (P103)	CO	ppm	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
789	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 1 (P103)	NH3	lbs/hr	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
790	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 1 (P103)	NH3	ppm	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
791	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 1 (P103)	NOx	lbs/hr	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
792	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 1 (P103)	NOx	ppm	certified	25-NOV-15	02-JUL-16	Bradford	Asylum	WILLIAMSPORT
793	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	CO	lbs/hr	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
794	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	CO	ppm	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
795	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	NH3	lbs/hr	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
796	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	NH3	ppm	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
797	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	NOx	lbs/hr	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
798	PANDA LIBERTY LLC	PANDA LIBERTY LLC/PANDA LIBERTY POWER PROJECT	Combustion Turbine	Turbine 2 (P104)	NOx	ppm	certified	25-NOV-15	02-AUG-16	Bradford	Asylum	WILLIAMSPORT
799	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	CO	uncertified	27-MAR-19			Lycoming	Clinton	WILLIAMSPORT
800	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	CO	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
801	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	NH3	lbs/hr	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
802	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	NH3	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
803	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	NOx	lbs/hr	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
804	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 1 (P103)	NOx	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
805	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	CO	lbs/hr	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
806	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	CO	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
807	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	NH3	lbs/hr	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
808	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	NH3	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
809	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	NOx	lbs/hr	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
810	PANDA PATRIOT LLC	PANDA PATRIOT LLC/PANDA PATRIOT GENERATION PLANT	Combustion Turbine	Turbine 2 (P104)	NOx	ppm	uncertified	27-MAR-19		Lycoming	Clinton	WILLIAMSPORT
811	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	CO	lbs/MBtu	certified	01-NOV-04	07-APR-04	Carbon	Nesquehoning	WILKES-BARRE
812	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	CO	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
813	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	NOx	lbs/MBtu	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
814	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	NOx	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
815	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	SO2	lbs/MBtu	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
816	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 1	SO2	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
817	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	CO	lbs/MBtu	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
818	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	CO	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
819	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	NOx	lbs/MBtu	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
820	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	NOx	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
821	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	SO2	lbs/MBtu	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
822	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boiler 2	SO2	lbs/hr	certified	01-NOV-04	07-APR-05	Carbon	Nesquehoning	WILKES-BARRE
823	PANTHER CREEK POWER OPR LLC	PANTHER CREEK POWER OPR LLC/NESQUEHONING	Combustion Unit	Boilers 1 & 2	Opacity	%	certified	14-JUL-06	01-OCT-06	Carbon	Nesquehoning	WILKES-BARRE
824	PEI POWER CORP	PEI POWER CORP/ARCHBALD	Combustion Turbine	Gas Turbine	NOx	lbs/hr	certified	06-JUL-18	05-SEP-18	Lackawanna	Archbald	WILKES-BARRE
825	PEI POWER CORP	PEI POWER CORP/ARCHBALD	Combustion Unit	Boiler	CO	lbs/MBtu	certified	06-JUL-18	07-SEP-18	Lackawanna	Archbald	WILKES-BARRE
826	PEI POWER CORP	PEI POWER CORP/ARCHBALD	Combustion Unit	Boiler	CO	lbs/hr	certified	06-JUL-18	07-SEP-18	Lackawanna	Archbald	WILKES-BARRE
827	PEI POWER CORP	PEI POWER CORP/ARCHBALD	Combustion Unit	Boiler	NOx	lbs/MBtu	certified	06-JUL-18	07-SEP-18	Lackawanna	Archbald	WILKES-BARRE
828	PEI POWER CORP	PEI POWER CORP/ARCHBALD	Combustion Unit	Boiler	NOx	ppm	certified	06-JUL-18	07-SEP-18	Lackawanna	Archbald	WILKES-BARRE
829	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	#6 Power Boiler	NOx	lbs/MBtu	certified	13-OCT-16	03-MAR-17	York	Spring Grove	HARRISBURG
830	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	#7 Power Boiler	NOx	lbs/MBtu	certified	13-OCT-16	02-MAR-17	York	Spring Grove	HARRISBURG
831	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Boiler 5	NOx	lbs/MBtu	certified	14-MAY-15	01-APR-15	York	Spring Grove	HARRISBURG
832	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Boiler 5	SO2	ppm	certified	14-MAY-15	01-APR-15	York	Spring Grove	HARRISBURG
833	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Boiler 5	NOx	lbs/MBtu	certified	14-MAY-15	01-APR-15	York	Spring Grove	HARRISBURG
834	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Boiler 5	SO2 Reduction	%	certified	14-MAY-15	01-APR-15	York	Spring Grove	HARRISBURG
835	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	CO	lbs/hr	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
836	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	CO	ppm	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
837	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	NOx	lbs/hr	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
838	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	NOx	ppm	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
839	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	Opacity	%	certified	02-MAR-06	26-MAY-06	York	Spring Grove	HARRISBURG
840	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	SO2	lbs/hr	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
 March 4, 2020  
 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
841	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	SO2	ppm	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
842	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	TR5	lbs/hr	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
843	PIXELLE SPECIALTY SOLUTIONS LLC	PIXELLE SPEC SOLUTIONS LLC/SPRING GROVE	Combustion Unit	Recovery Boiler 3	TR5	ppm	certified	25-FEB-15	01-APR-14	York	Spring Grove	HARRISBURG
844	PORTLAND POWER LLC	PORTLAND POWER LLC/PORTLAND GENERATING STA	Combustion Turbine	Unit 5	NOx	lbs/hr	certified	07-APR-15	01-OCT-15	Northampton	Upper Mount Bethel	WILKES-BARRE
845	PORTLAND POWER LLC	PORTLAND POWER LLC/PORTLAND GENERATING STA	Combustion Turbine	Unit 5	NOx (RACT2)	ppm	certified	31-JAN-18	01-JAN-17	Northampton	Upper Mount Bethel	WILKES-BARRE
846	PORTLAND POWER LLC	PORTLAND POWER LLC/PORTLAND GENERATING STA	Combustion Turbine	Unit 5	NOx Allowable	lbs/hr	certified	07-APR-15	01-OCT-15	Northampton	Upper Mount Bethel	WILKES-BARRE
847	PQ CORP	PQ CORP/CHESTER	Glass Furnace	Furnace 4	CO	lbs/hr	certified	05-JAN-16	15-DEC-15	Delaware	Chester	NORRISTOWN
848	PQ CORP	PQ CORP/CHESTER	Glass Furnace	Furnace 4	NOx	lbs/hr	certified	05-JAN-16	15-DEC-15	Delaware	Chester	NORRISTOWN
849	PQ CORP	PQ CORP/CHESTER	Glass Furnace	Furnace 4	Opacity	%	certified	05-JAN-16	15-DEC-15	Delaware	Chester	NORRISTOWN
850	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine	NOx	ppm	certified	10-JAN-03	09-APR-03	Wyoming	Washington	WILKES-BARRE
851	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine II	CO	lbs/hr	certified	31-AUG-16	21-APR-15	Wyoming	Washington	WILKES-BARRE
852	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine II	CO	ppm	certified	31-AUG-16	21-APR-15	Wyoming	Washington	WILKES-BARRE
853	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine II	CO Allowable	ppm	certified	07-NOV-14	21-APR-15	Wyoming	Washington	WILKES-BARRE
854	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine II	NOx	lbs/hr	certified	31-AUG-16	21-APR-15	Wyoming	Washington	WILKES-BARRE
855	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Turbine	Turbine II	NOx	ppm	certified	31-AUG-16	21-APR-15	Wyoming	Washington	WILKES-BARRE
856	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Unit	Boiler 1 2 4 Heat Recovery Stack	NOx	lbs/hr	certified	16-DEC-09	13-APR-10	Wyoming	Washington	WILKES-BARRE
857	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Unit	Boiler 1 2 4 Heat Recovery Stack	CO	lbs/hr	certified	16-DEC-09	13-APR-10	Wyoming	Washington	WILKES-BARRE
858	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Unit	Boilers 1 2 4	NOx	lbs/hr	certified	19-MAY-00	01-SEP-00	Wyoming	Washington	WILKES-BARRE
859	PROCTER & GAMBLE PAPER PROD CO	PROCTER & GAMBLE PAPER PROD CO/MEHOOPANY	Combustion Unit	Boilers 1 2 4	NOx	lbs/hr	certified	19-MAY-00	01-SEP-00	Wyoming	Washington	WILKES-BARRE
860	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	Heat Input (RACT2)	MBtu/hr	certified	07-MAY-19	01-JUN-18	Schuykill	Fralley	WILKES-BARRE
861	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	NOx	lbs/MBtu	certified	07-MAY-19	01-JUN-18	Schuykill	Fralley	WILKES-BARRE
862	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	NOx (DEP Calculated)	lbs/MBtu	certified	05-SEP-18	01-JAN-17	Schuykill	Fralley	WILKES-BARRE
863	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	NOx (RACT2)	lbs/MBtu	certified	07-MAY-19	01-JUN-18	Schuykill	Fralley	WILKES-BARRE
864	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	Opacity	%	certified	07-APR-14	03-MAY-14	Schuykill	Fralley	WILKES-BARRE
865	RAUSCH CREEK GENERATION LLC	RAUSCH CREEK GENERATION LLC/FRAILEY TWP	Combustion Unit	Unit 1	SO2	lbs/MBtu	certified	07-MAY-19	01-JUN-18	Schuykill	Fralley	WILKES-BARRE
866	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	Heat Input (RACT2)	MBtu/hr	certified	27-JUN-17	01-JAN-17	Schuykill	Mahanoy	WILKES-BARRE
867	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	NOx	lbs/MBtu	certified	25-AUG-09	03-SEP-09	Schuykill	Mahanoy	WILKES-BARRE
868	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	NOx (DEP Calculated)	lbs/MBtu	certified	27-JUN-17	01-JAN-17	Schuykill	Mahanoy	WILKES-BARRE
869	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	NOx (RACT2)	lbs/hr	certified	27-JUN-17	01-JAN-17	Schuykill	Mahanoy	WILKES-BARRE
870	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	Opacity	%	certified	07-APR-06	21-JUN-06	Schuykill	Mahanoy	WILKES-BARRE
871	SCHUYLKILL ENERGY RESOURCES INC	SCHUYLKILL ENERGY RES/ST NICHOLAS COGEN	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	25-AUG-09	03-SEP-09	Schuykill	Mahanoy	WILKES-BARRE
872	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	Heat Input (RACT2)	MBtu/hr	certified	01-SEP-17	01-JAN-17	Venango	Scrubgrass	MEADVILLE
873	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	NOx	lbs/MBtu	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
874	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	NOx	lbs/hr	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
875	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	NOx (DEP Calculated)	lbs/MBtu	certified	01-SEP-17	01-JAN-17	Venango	Scrubgrass	MEADVILLE
876	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	SO2	lbs/MBtu	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
877	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	SO2	lbs/hr	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
878	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 1	SO2 Reduction	%	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
879	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	Heat Input (RACT2)	MBtu/hr	certified	01-SEP-17	01-JAN-17	Venango	Scrubgrass	MEADVILLE
880	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	NOx	lbs/MBtu	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
881	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	NOx	lbs/hr	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
882	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	NOx (DEP Calculated)	lbs/MBtu	certified	01-SEP-17	01-JAN-17	Venango	Scrubgrass	MEADVILLE
883	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	SO2	lbs/MBtu	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
884	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	SO2	lbs/hr	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
885	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boiler 2	SO2 Reduction	%	certified	28-OCT-16	28-AUG-16	Venango	Scrubgrass	MEADVILLE
886	SCRUBGRASS POWER LLC	SCRUBGRASS GENERATING CO LP/KENNERDELL PLT	Combustion Unit	Boilers 1 2	Opacity	%	certified	14-OCT-15	29-JUL-14	Venango	Scrubgrass	MEADVILLE
887	SEWARD GENERATION LLC	SEWARD GENERATING STATION/SEWARD	Combustion Unit	Boilers 1 2	NOx	lbs/MBtu	certified	27-FEB-03	04-FEB-14	Indiana	East Wheatfield	MEADVILLE
888	SEWARD GENERATION LLC	SEWARD GENERATING STATION/SEWARD	Combustion Unit	Boilers 1 2	Opacity	%	certified	03-FEB-12	14-DEC-11	Indiana	East Wheatfield	MEADVILLE
889	SEWARD GENERATION LLC	SEWARD GENERATING STATION/SEWARD	Combustion Unit	Boilers 1 2	SO2	lbs/MBtu	certified	25-MAY-17	28-FEB-17	Indiana	East Wheatfield	MEADVILLE
890	SHAWVILLE POWER LLC	SHAWVILLE POWER LLC/SHAWVILLE GEN STA	Combustion Unit	Unit 1	NOx	lbs/MBtu	certified	12-AUG-16	10-SEP-16	Clearfield	Bradford	WILLIAMSPORT
891	SHAWVILLE POWER LLC	SHAWVILLE POWER LLC/SHAWVILLE GEN STA	Combustion Unit	Unit 2	NOx	lbs/MBtu	certified	12-AUG-16	20-SEP-16	Clearfield	Bradford	WILLIAMSPORT
892	SHAWVILLE POWER LLC	SHAWVILLE POWER LLC/SHAWVILLE GEN STA	Combustion Unit	Units 3 4	NOx	lbs/MBtu	certified	12-AUG-16	21-SEP-16	Clearfield	Bradford	WILLIAMSPORT
893	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Combustion Unit	HDS Heater	H2S	ppm	certified	30-JUL-12	15-NOV-05	Delaware	Marcus Hook	NORRISTOWN
894	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Combustion Unit	HDS Heater	NOx	lbs/MBtu	certified	30-JUL-12	03-NOV-05	Delaware	Marcus Hook	NORRISTOWN
895	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Combustion Unit	Heater 15-1	H2S	ppm	certified	30-JUL-12	04-APR-03	Delaware	Marcus Hook	NORRISTOWN
896	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Combustion Unit	Plant 12-3	H2S	ppm	certified	30-JUL-12	04-APR-03	Delaware	Marcus Hook	NORRISTOWN
897	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Combustion Unit	Stabilization Heater	H2S	ppm	certified	30-JUL-12	15-NOV-05	Delaware	Marcus Hook	NORRISTOWN
898	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Other	FCCU	CO	ppm	certified	30-JUL-12	07-MAR-01	Delaware	Marcus Hook	NORRISTOWN
899	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Other	FCCU	NOx	ppm	certified	30-JUL-12	19-MAY-08	Delaware	Marcus Hook	NORRISTOWN
900	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Other	FCCU	Opacity	%	certified	30-JUL-12	13-SEP-99	Delaware	Marcus Hook	NORRISTOWN
901	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Other	FCCU	SO2	ppm	certified	30-JUL-12	09-OCT-07	Delaware	Marcus Hook	NORRISTOWN
902	SUNOCO LLC	SUNOCO LLC/MH RACE FUELS	Other	FCCU Regenerator	CO	ppm	certified	30-JUL-12	29-MAR-01	Delaware	Marcus Hook	NORRISTOWN
903	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 1	NOx	lbs/MBtu	certified	14-SEP-11	15-MAY-12	Delaware	Marcus Hook	NORRISTOWN
904	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 1	CO	lbs/hr	certified	14-SEP-11	15-MAY-12	Delaware	Marcus Hook	NORRISTOWN
905	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 1	NOx	lbs/MBtu	certified	14-SEP-11	15-MAY-12	Delaware	Marcus Hook	NORRISTOWN
906	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 1	NOx	lbs/hr	certified	14-SEP-11	15-MAY-12	Delaware	Marcus Hook	NORRISTOWN
907	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 3	CO	lbs/MBtu	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
908	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 3	NOx	lbs/hr	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
909	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 3	NOx	lbs/MBtu	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
910	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 3	NOx	lbs/hr	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
911	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 4	CO	lbs/MBtu	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
912	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 4	CO	lbs/hr	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
913	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 4	NOx	lbs/MBtu	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
914	SUNOCO PARTNERS MKT & TERM LP	SPMT / MARCUS HOOK IND COMPLEX	Combustion Unit	Aux Boiler 4	NOx	lbs/hr	certified	14-SEP-11	17-MAY-12	Delaware	Marcus Hook	NORRISTOWN
915	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	CO	lbs/hr	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
916	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	CO	ppm	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
917	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	NH3	ppm	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
918	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	NH3	ppm	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
919	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	NOx	lbs/hr	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
920	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	NOx	ppm	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
921	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #101	NOx Allowable	ppm	certified	23-OCT-18	15-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
922	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #102	CO	lbs/hr	certified	23-OCT-18	16-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
923	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND										

Continuous Emissions Monitoring Systems  
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 Continuous Source Monitoring Systems - Approved or Pending Certification

No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
925	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #102	NH3	ppm	certified	23-OCT-18	16-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
926	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #102	lbs/hr	ppm	certified	23-OCT-18	16-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
927	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #102	NHx	ppm	certified	23-OCT-18	16-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
928	TENASKA PA PARTNERS LLC	TENASKA PA PARTNERS/WESTMORELAND GEN FAC	Combustion Turbine	Combined Cycle Unit #102	NHx Allowable	ppm	certified	23-OCT-18	16-DEC-18	Westmoreland	South Huntingdon	SOUTHWESTERN
929	TEXAS EASTERN TRANS LP	TEXAS EASTERN TRANS LP/ARMAGH STA	Combustion Turbine	Source 103 GE Frame 5 Turbine	CO	lbs/hr	uncertified	18-SEP-19		Indiana	West Wheatfield	MEADVILLE
930	TEXAS EASTERN TRANS LP	TEXAS EASTERN TRANS LP/ARMAGH STA	Combustion Turbine	Source 103 GE Frame 5 Turbine	NHx	lbs/hr	uncertified	18-SEP-19		Indiana	West Wheatfield	MEADVILLE
931	TEXAS EASTERN TRANS LP	TEXAS EASTERN TRANS LP/ENTRIKEN STA	Combustion Turbine	GE Turbine 031A	NHx	lbs/hr	uncertified	18-SEP-19		Huntingdon	Todd	HARRISBURG
932	TEXAS EASTERN TRANS LP	TEXAS EASTERN TRANS LP/ENTRIKEN STA	Combustion Turbine	GE Turbine 031A	NHx Allowable	lbs/hr	certified	01-OCT-15	13-MAR-17	Huntingdon	Todd	HARRISBURG
933	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 5	CO	ppm	certified	13-APR-18	01-OCT-18	Luzerne	Hunlock	WILKES-BARRE
934	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 5	CO Allowable	ppm	certified	18-MAY-10	28-JUN-12	Luzerne	Hunlock	WILKES-BARRE
935	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 5	NHx	ppm	certified	13-APR-18	01-OCT-18	Luzerne	Hunlock	WILKES-BARRE
936	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 5	NHx Allowable	ppm	certified	28-MAY-10	28-JUN-12	Luzerne	Hunlock	WILKES-BARRE
937	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 6	CO	ppm	certified	13-APR-18	01-OCT-18	Luzerne	Hunlock	WILKES-BARRE
938	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 6	CO Allowable	ppm	certified	28-MAY-10	25-OCT-12	Luzerne	Hunlock	WILKES-BARRE
939	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 6	NHx	ppm	certified	13-APR-18	01-OCT-18	Luzerne	Hunlock	WILKES-BARRE
940	UGI DEV CO	UGI DEVELOPMENT CO/HUNLOCK CREEK ENERGY CENTER	Combustion Turbine	CT 6	NHx Allowable	ppm	certified	28-MAY-10	25-OCT-12	Luzerne	Hunlock	WILKES-BARRE
941	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Combustion Unit	6 Boiler	lbs/MBtu	lbs/MBtu	certified	29-SEP-16	21-DEC-16	Warren	Warren	MEADVILLE
942	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Combustion Unit	Boiler 4/FCC	H2S	ppm	uncertified	07-FEB-19		Warren	Warren	MEADVILLE
943	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Combustion Unit	Boiler 4/FCC	NHx	lbs/MBtu	certified	05-MAR-10	05-MAR-10	Warren	Warren	MEADVILLE
944	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Combustion Unit	Boiler 4/FCC	NHx	lbs/hr	certified	05-MAR-10	08-DEC-10	Warren	Warren	MEADVILLE
945	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Combustion Unit	Boiler 5/Vt. Heat	H2S	ppm	uncertified	07-FEB-19		Warren	Warren	MEADVILLE
946	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Fuel Line	Boiler House Mix Drum Fuel Gas	H2S	ppm	certified	07-FEB-19	01-JAN-19	Warren	Warren	MEADVILLE
947	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Fuel Line	Combo Mix Drum Fuel Gas	H2S	ppm	certified	07-FEB-19	01-JAN-19	Warren	Warren	MEADVILLE
948	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Fuel Line	H2 Fuel Gas Line	H2S	ppm	uncertified	07-FEB-19		Warren	Warren	MEADVILLE
949	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Fuel Line	Vacuum Vent Line	H2S	ppm	certified	30-APR-15	31-OCT-15	Warren	Warren	MEADVILLE
950	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Other	FCCU	Opacity	%	certified	18-SEP-19	03-OCT-19	Warren	Warren	MEADVILLE
951	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Other	FCCU	lbs/hr	ppm	certified	19-SEP-18	18-SEP-18	Warren	Warren	MEADVILLE
952	UNITED REF CO OF PA	UNITED REFINING CO/WARREN PLT	Other	SRU2 Incinerator	SO2	ppm	certified	16-MAR-15	29-APR-15	Warren	Warren	MEADVILLE
953	UNITED STATES STEEL DIV OF USS CORP	USS/CLAIRTON WORKS	Coke Oven Battery	B Battery	lbs/MBtu	lbs/MBtu	certified	12-JAN-05	24-FEB-05	Allegheny	Clairton	ALLEGHENY CO
954	UNITED STATES STEEL DIV OF USS CORP	USS/CLAIRTON WORKS	Coke Oven Battery	C Battery	lbs/MBtu	lbs/MBtu	certified	01-FEB-13	02-NOV-12	Allegheny	Clairton	ALLEGHENY CO
955	UNITED STATES STEEL DIV OF USS CORP	USS/CLAIRTON WORKS	Combustion Unit	Boiler 1	lbs/MBtu	lbs/MBtu	certified	19-OCT-17	03-MAR-11	Allegheny	Clairton	ALLEGHENY CO
956	UNITED STATES STEEL DIV OF USS CORP	USS/CLAIRTON WORKS	Combustion Unit	Boiler 2	lbs/MBtu	lbs/MBtu	certified	13-OCT-17	03-MAR-11	Allegheny	Clairton	ALLEGHENY CO
957	USS STEEL CORP	USS CORP/EDGAR THOMSON WORKS	Combustion Unit	Boiler 1	NHx	lbs/MBtu	certified	16-APR-19	21-AUG-18	Allegheny	Braddock	ALLEGHENY CO
958	USS STEEL CORP	USS CORP/EDGAR THOMSON WORKS	Combustion Unit	Boiler 2	NHx	lbs/MBtu	certified	16-APR-19	29-SEP-18	Allegheny	Braddock	ALLEGHENY CO
959	USS STEEL CORP	USS CORP/EDGAR THOMSON WORKS	Combustion Unit	Boiler 3	NHx	lbs/MBtu	certified	16-APR-19	14-NOV-18	Allegheny	Braddock	ALLEGHENY CO
960	USARMY LETTERKENNY ARMY DEPOT	US DEPT OF DEFENSE/LETTERKENNY ARMY DEPOT	Other	PAS Exhaust Stack	Opacity	%	uncertified	10-JUL-15		Franklin	Letterkenney	HARRISBURG
961	VITRO FLAT GLASS LLC	VITRO FLAT GLASS LLC/CARLISLE	Glass Furnace	Line 6-1	NHx	lbs/hr	certified	19-APR-13	01-JAN-12	Cumberland	South Middleton	HARRISBURG
962	VITRO FLAT GLASS LLC	VITRO FLAT GLASS LLC/CARLISLE	Glass Furnace	Line 6-2	NHx	lbs/hr	certified	19-APR-13	01-JAN-12	Cumberland	South Middleton	HARRISBURG
963	VITRO FLAT GLASS LLC	VITRO FLAT GLASS/MEADVILLE	Glass Furnace	B-1 Furnace	NHx	lbs/hr	certified	03-MAY-11	17-DEC-11	Crawford	Greenwood	MEADVILLE
964	VITRO FLAT GLASS LLC	VITRO FLAT GLASS/MEADVILLE	Glass Furnace	B-2 Furnace	NHx	lbs/hr	certified	03-MAY-11	17-DEC-11	Crawford	Greenwood	MEADVILLE
965	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	CO	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
966	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	HCl	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
967	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	NHx	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
968	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	O2	%	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
969	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	Opacity	%	certified	13-NOV-18	03-OCT-18	Bucks	Falls	NORRISTOWN
970	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	SO2	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
971	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	SO2 Reduction	%	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
972	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	Steam Flow	Klbs/hr	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
973	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	Temperature	Degrees F	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
974	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 1	Temperature-Bag	Degrees F	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
975	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	CO	ppm	certified	12-DEC-03	14-APR-03	Bucks	Falls	NORRISTOWN
976	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	HCl	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
977	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	NHx	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
978	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	O2	%	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
979	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	Opacity	%	certified	13-NOV-18	20-DEC-18	Bucks	Falls	NORRISTOWN
980	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	SO2	ppm	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
981	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	SO2 Reduction	%	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
982	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	Steam Flow	Klbs/hr	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
983	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	Temperature	Degrees F	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
984	WHEELABRATOR FALLS INC	WHEELABRATOR FALLS INC/FALLS TWP	Municipal Waste Combustor	MWI 2	Temperature-Bag	Degrees F	certified	12-DEC-02	14-APR-03	Bucks	Falls	NORRISTOWN
985	WHEELABRATOR FRACKVILLE ENERGY	WHEELABRATOR FRACKVILLE/MOREA PLT	Combustion Unit	Boiler	NHx	lbs/MBtu	certified	05-AUG-13	25-MAY-12	Schuylkill	Mahanoy	WILKES-BARRE
986	WHEELABRATOR FRACKVILLE ENERGY	WHEELABRATOR FRACKVILLE/MOREA PLT	Combustion Unit	Boiler	Opacity	%	certified	14-SEP-07	14-SEP-07	Schuylkill	Mahonoy	WILKES-BARRE
987	WHEELABRATOR FRACKVILLE ENERGY	WHEELABRATOR FRACKVILLE/MOREA PLT	Combustion Unit	Boiler	SO2	lbs/MBtu	certified	05-AUG-13	25-MAY-12	Schuylkill	Mahonoy	WILKES-BARRE
988	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	CO	ppm	certified	20-APR-17	17-MAY-18	York	Manchester	HARRISBURG
989	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	HCl	ppm	certified	20-APR-17	17-MAY-18	York	Manchester	HARRISBURG
990	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	NHx	ppm	certified	20-APR-17	17-MAY-18	York	Manchester	HARRISBURG
991	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	O2	%	certified	20-APR-17	17-MAY-18	York	Manchester	HARRISBURG
992	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	Opacity	%	certified	20-APR-17	03-DEC-17	York	Manchester	HARRISBURG
993	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	SO2	ppm	certified	20-APR-17	17-MAY-18	York	Manchester	HARRISBURG
994	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	Steam Flow	Klbs/hr	certified	19-AUG-96	17-MAY-18	York	Manchester	HARRISBURG
995	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	Temperature	Degrees F	certified	30-NOV-88	17-MAY-18	York	Manchester	HARRISBURG
996	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 1	Temperature-Bag	Degrees F	certified	23-DEC-97	17-MAY-18	York	Manchester	HARRISBURG
997	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	CO	ppm	certified	20-APR-17	18-MAY-18	York	Manchester	HARRISBURG
998	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	HCl	ppm	certified	20-APR-17	18-MAY-18	York	Manchester	HARRISBURG
999	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	NHx	ppm	certified	20-APR-17	18-MAY-18	York	Manchester	HARRISBURG
1000	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	O2	%	certified	20-APR-17	18-MAY-18	York	Manchester	HARRISBURG
1001	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	Opacity	%	certified	20-APR-17	30-NOV-17	York	Manchester	HARRISBURG
1002	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	SO2	ppm	certified	20-APR-17	18-MAY-18	York	Manchester	HARRISBURG
1003	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	Steam Flow	Klbs/hr	certified	19-AUG-96	18-MAY-18	York	Manchester	HARRISBURG
1004	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	Temperature	Degrees F	certified	30-NOV-88	18-MAY-18	York	Manchester	HARRISBURG
1005	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 2	Temperature-Bag	Degrees F	certified	23-DEC-97	18-MAY-18	York	Manchester	HARRISBURG
1006	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	CO	ppm	certified	20-APR-17	16-MAY-18	York	Manchester	HARRISBURG
1007	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	HCl	ppm	certified	20-APR-17	16-MAY-18	York	Manchester	HARRISBURG
1008	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	NHx	ppm	certified	20-APR-17	16-MAY-18	York	Manchester	HARRISBURG

Continuous Emissions Monitoring Systems  
 Bureau of Air Quality  
 Pennsylvania Department of Environmental Protection  
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No.	CLIENT NAME	FACILITY NAME	SOURCE TYPE	SOURCE NAME	CSMS POLLUTANT PARAMETER	CSMS UNITS	CEMS STATUS	APPLICATION RECEIVED DATE	CERTIFICATION DATE	COUNTY	MUNICIPALITY	DEP REGION
1009	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	O2	%	certified	20-APR-17	16-MAY-18	York	Manchester	HARRISBURG
1010	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	Opacity	%	certified	20-APR-17	29-NOV-17	York	Manchester	HARRISBURG
1011	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	SO2	ppm	certified	20-APR-17	16-MAY-18	York	Manchester	HARRISBURG
1012	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	Steam Flow	Klbs/hr	certified	19-AUG-96	16-MAY-18	York	Manchester	HARRISBURG
1013	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	Temperature	Degrees F	certified	30-NOV-88	16-MAY-18	York	Manchester	HARRISBURG
1014	YORK CNTY SOLID WASTE & REFUSE AUTH	YORK CNTY SOLID WASTE/YORK CNTY RESOURCE RECOVERY	Municipal Waste Combustor	MWI 3	Temperature-Bag	Degrees F	certified	23-DEC-97	16-MAY-18	York	Manchester	HARRISBURG

Number of Clients: 97  
 Number of Facilities: 104  
 Number of CEMS: 1014  
 Number of Approved CEMS: 878  
 Number of Uncertified CEMS: 136  
 % of Certified CEMS: 86.59%

Note 1 This list does not include standby and backup CEMS that may be used as circumstances require and on a temporary basis at some facilities.  
 Note 2 This list may include CEMS approved for operation and the same CEMS undergoing recertification (CEMS Status "uncertified") due to upgrades to the configuration. The preceding CEMS configurations may remain operational during recertification of the updated configuration.