

# Web Survey Facility Emission

**Facility Name:** Eastern Ky University

**Facility ID:** 2115100007

**AI ID:** 2820

3/17/2016

Page 1 of 4

Facility Level/Equipment ID	Pollutant	Actual Emissions (tpy)	Title V Potential (tpy)	Maximum Potential (tpy)
Facility Level	Benzene	0.00271559	0.04922681	0.04922681
Facility Level	CO (Carbon Monoxide)	17.03564413	267.75940232	267.75940232
Facility Level	Carbon Dioxide	21,904.91510355	334,053.54360000	334,053.54360000
Facility Level	Cyanide Compounds	0.00722250	0.10570736	0.10570736
Facility Level	Ethylene Glycol	0.00000000	1.34137500	1.34137500
Facility Level	Formaldehyde	0.00492839	0.08342261	0.08342261
Facility Level	Hexane; N-Hexane	0.10235700	1.67492426	1.67492426
Facility Level	Hydrochloric Acid	4.87900000	63.81338508	63.81338508
Facility Level	Hydrofluoric Acid	0.36112500	5.28536790	5.28536790
Facility Level	Lead, Total (as Pb)	0.00031972	0.00467931	0.00467931
Facility Level	Methane	0.27568817	4.29099566	4.29099566
Facility Level	Methyl Ethyl Ketone	0.00000000	0.26608500	0.26608500
Facility Level	NO2 (Nitrogen Dioxide)	33.12735814	538.56385500	538.56385500
Facility Level	Nitrous Oxide	0.22140300	3.45656110	3.45656110
Facility Level	PM10 (Particulate Matter - 10 Microns Or Less)	0.81671034	17.24199320	17.26819633
Facility Level	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.28041126	8.34102777	8.35281918
Facility Level	PT (Particulate Matter)	2.08866693	35.88180871	35.90801184
Facility Level	SO2 (Sulfur Dioxide)	64.12807156	940.98712569	940.98712569
Facility Level	Toluene	0.00008550	0.29551400	0.29551400
Facility Level	VOC (Volatile Organic Compounds)	0.50913351	22.31116494	22.31116494
Facility Level	Xylenes (Total)	0.00006095	0.14905700	0.14905700
COMB1,EU 01	Benzene	0.00000000	0.01075378	0.01075378
COMB1,EU 01	CO (Carbon Monoxide)	0.00000000	53.76888000	53.76888000
COMB1,EU 01	Carbon Dioxide	0.00000000	67,211.10000000	67,211.10000000
COMB1,EU 01	Cyanide Compounds	0.00000000	0.03226133	0.03226133
COMB1,EU 01	Formaldehyde	0.00000000	0.00258091	0.00258091
COMB1,EU 01	Hydrochloric Acid	0.00000000	16.66835280	16.66835280
COMB1,EU 01	Hydrofluoric Acid	0.00000000	1.61306640	1.61306640
COMB1,EU 01	Lead, Total (as Pb)	0.00000000	0.00142810	0.00142810
COMB1,EU 01	Methane	0.00000000	0.64522656	0.64522656
COMB1,EU 01	NO2 (Nitrogen Dioxide)	0.00000000	118.29153600	118.29153600
COMB1,EU 01	Nitrous Oxide	0.00000000	0.43015104	0.43015104
COMB1,EU 01	PM10 (Particulate Matter - 10 Microns Or Less)	0.00000000	1.41949843	1.41949843
COMB1,EU 01	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00000000	0.49467370	0.49467370
COMB1,EU 01	PT (Particulate Matter)	0.00000000	7.09749216	7.09749216
COMB1,EU 01	SO2 (Sulfur Dioxide)	0.00000000	286.05044160	286.05044160
COMB1,EU 01	VOC (Volatile Organic Compounds)	0.00000000	0.53768880	0.53768880
COMB2,EU 02	Benzene	0.00069500	0.01075378	0.01075378
COMB2,EU 02	CO (Carbon Monoxide)	3.47500000	53.76888000	53.76888000
COMB2,EU 02	Carbon Dioxide	4,343.75000000	67,211.10000000	67,211.10000000
COMB2,EU 02	Cyanide Compounds	0.00208500	0.03226133	0.03226133

Facility Level/Equipment ID	Pollutant	Actual Emissions (tpy)	Title V Potential (tpy)	Maximum Potential (tpy)
COMB2,EU 02	Formaldehyde	0.00016680	0.00258091	0.00258091
COMB2,EU 02	Hydrochloric Acid	1.07725000	16.66835280	16.66835280
COMB2,EU 02	Hydrofluoric Acid	0.10425000	1.61306640	1.61306640
COMB2,EU 02	Lead, Total (as Pb)	0.00009230	0.00142810	0.00142810
COMB2,EU 02	Methane	0.04170000	0.64522656	0.64522656
COMB2,EU 02	NO2 (Nitrogen Dioxide)	7.64500000	118.29153600	118.29153600
COMB2,EU 02	Nitrous Oxide	0.02780000	0.43015104	0.43015104
COMB2,EU 02	PM10 (Particulate Matter - 10 Microns Or Less)	0.09174000	1.41949843	1.41949843
COMB2,EU 02	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.03197000	0.49467370	0.49467370
COMB2,EU 02	PT (Particulate Matter)	0.45870000	7.09749216	7.09749216
COMB2,EU 02	SO2 (Sulfur Dioxide)	18.48700000	286.05044160	286.05044160
COMB2,EU 02	VOC (Volatile Organic Compounds)	0.03475000	0.53768880	0.53768880
COMB3,EU 04	Benzene	0.00171250	0.01372823	0.01372823
COMB3,EU 04	CO (Carbon Monoxide)	8.56250000	68.64117000	68.64117000
COMB3,EU 04	Carbon Dioxide	10,703.12500000	85,801.46250000	85,801.46250000
COMB3,EU 04	Cyanide Compounds	0.00513750	0.04118470	0.04118470
COMB3,EU 04	Formaldehyde	0.00041100	0.00329478	0.00329478
COMB3,EU 04	Hydrochloric Acid	3.80175000	30.47667948	30.47667948
COMB3,EU 04	Hydrofluoric Acid	0.25687500	2.05923510	2.05923510
COMB3,EU 04	Lead, Total (as Pb)	0.00022742	0.00182311	0.00182311
COMB3,EU 04	Methane	0.10275000	0.82369404	0.82369404
COMB3,EU 04	NO2 (Nitrogen Dioxide)	18.83750000	151.01057400	151.01057400
COMB3,EU 04	Nitrous Oxide	0.06850000	0.54912936	0.54912936
COMB3,EU 04	PM10 (Particulate Matter - 10 Microns Or Less)	0.22605000	1.81212689	1.81212689
COMB3,EU 04	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.07877500	0.63149876	0.63149876
COMB3,EU 04	PT (Particulate Matter)	1.13025000	9.06063444	9.06063444
COMB3,EU 04	SO2 (Sulfur Dioxide)	45.55250000	365.17102440	365.17102440
COMB3,EU 04	VOC (Volatile Organic Compounds)	0.08562500	0.68641170	0.68641170
COMB4,EU 06	Benzene	0.00001425	0.00032762	0.00032762
COMB4,EU 06	CO (Carbon Monoxide)	0.59850000	13.76020800	13.76020800
COMB4,EU 06	Carbon Dioxide	855.00000000	19,657.44000000	19,657.44000000
COMB4,EU 06	Formaldehyde	0.00053438	0.01228590	0.01228590
COMB4,EU 06	Hexane; N-Hexane	0.01282500	0.29486160	0.29486160
COMB4,EU 06	Methane	0.01638750	0.37676760	0.37676760
COMB4,EU 06	NO2 (Nitrogen Dioxide)	0.71250000	16.38120000	16.38120000
COMB4,EU 06	Nitrous Oxide	0.01567500	0.36038640	0.36038640
COMB4,EU 06	PM10 (Particulate Matter - 10 Microns Or Less)	0.05415000	1.24497120	1.24497120
COMB4,EU 06	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.01353750	0.31124280	0.31124280
COMB4,EU 06	PT (Particulate Matter)	0.05415000	1.24497120	1.24497120
COMB4,EU 06	SO2 (Sulfur Dioxide)	0.00427500	0.09828720	0.09828720
COMB4,EU 06	VOC (Volatile Organic Compounds)	0.03918750	0.90096600	0.90096600
COMB5,EU7-55	Benzene	0.00009021	0.00120578	0.00120578
COMB5,EU7-55	CO (Carbon Monoxide)	3.78882000	50.64271632	50.64271632
COMB5,EU7-55	Carbon Dioxide	5,412.60000000	72,346.73760000	72,346.73760000
COMB5,EU7-55	Formaldehyde	0.00338288	0.04521671	0.04521671

Facility Level/Equipment ID	Pollutant	Actual Emissions (tpy)	Title V Potential (tpy)	Maximum Potential (tpy)
COMB5,EU7-55	Hexane; N-Hexane	0.08118900	1.08520106	1.08520106
COMB5,EU7-55	Methane	0.10374150	1.38664580	1.38664580
COMB5,EU7-55	NO2 (Nitrogen Dioxide)	4.51050000	60.28894800	60.28894800
COMB5,EU7-55	Nitrous Oxide	0.09923100	1.32635686	1.32635686
COMB5,EU7-55	PM10 (Particulate Matter - 10 Microns Or Less)	0.34279800	4.58196005	4.58196005
COMB5,EU7-55	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.08569950	1.14549001	1.14549001
COMB5,EU7-55	PT (Particulate Matter)	0.34279800	4.58196005	4.58196005
COMB5,EU7-55	SO2 (Sulfur Dioxide)	0.02706300	0.36173369	0.36173369
COMB5,EU7-55	VOC (Volatile Organic Compounds)	0.24807750	3.31589214	3.31589214
COMB6,EU 56	Benzene	0.00000927	0.00032762	0.00032762
COMB6,EU 56	CO (Carbon Monoxide)	0.38934000	13.76020800	13.76020800
COMB6,EU 56	Carbon Dioxide	556.20000000	19,657.44000000	19,657.44000000
COMB6,EU 56	Formaldehyde	0.00034763	0.01228590	0.01228590
COMB6,EU 56	Hexane; N-Hexane	0.00834300	0.29486160	0.29486160
COMB6,EU 56	Methane	0.01066050	0.37676760	0.37676760
COMB6,EU 56	NO2 (Nitrogen Dioxide)	0.46350000	16.38120000	16.38120000
COMB6,EU 56	Nitrous Oxide	0.01019700	0.36038640	0.36038640
COMB6,EU 56	PM10 (Particulate Matter - 10 Microns Or Less)	0.03522600	1.24497120	1.24497120
COMB6,EU 56	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00880650	0.31124280	0.31124280
COMB6,EU 56	PT (Particulate Matter)	0.03522600	1.24497120	1.24497120
COMB6,EU 56	SO2 (Sulfur Dioxide)	0.00278100	0.09828720	0.09828720
COMB6,EU 56	VOC (Volatile Organic Compounds)	0.02549250	0.90096600	0.90096600
EQPT1,EU 05	PM10 (Particulate Matter - 10 Microns Or Less)	0.00739500	0.00000000	0.02620313
EQPT1,EU 05	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00332775	0.00000000	0.01179141
EQPT1,EU 05	PT (Particulate Matter)	0.00739500	0.00000000	0.02620313
EQPT2,EU 135	Ethylene Glycol	0.00000000	1.34137500	1.34137500
EQPT2,EU 135	Methyl Ethyl Ketone	0.00000000	0.26608500	0.26608500
EQPT2,EU 135	PM10 (Particulate Matter - 10 Microns Or Less)	0.00000000	2.01480000	2.01480000
EQPT2,EU 135	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00000000	1.57154400	1.57154400
EQPT2,EU 135	PT (Particulate Matter)	0.00000000	2.01480000	2.01480000
EQPT2,EU 135	Toluene	0.00000000	0.29039400	0.29039400
EQPT2,EU 135	VOC (Volatile Organic Compounds)	0.00000000	11.11425000	11.11425000
EQPT2,EU 135	Xylenes (Total)	0.00000000	0.14519700	0.14519700
EQPT3,EG0119	CO (Carbon Monoxide)	0.02570235	1.13963250	1.13963250
EQPT3,EG0119	NO2 (Nitrogen Dioxide)	0.06868323	3.04538850	3.04538850
EQPT3,EG0119	PM10 (Particulate Matter - 10 Microns Or Less)	0.00000636	0.00028200	0.00028200
EQPT3,EG0119	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00000636	0.00028200	0.00028200
EQPT3,EG0119	PT (Particulate Matter)	0.00080295	0.03560250	0.03560250
EQPT3,EG0119	SO2 (Sulfur Dioxide)	0.00004770	0.00211500	0.00211500
EQPT3,EG0119	VOC (Volatile Organic Compounds)	0.00956862	0.42426900	0.42426900
EQPT4,EG2045	Benzene	0.00016900	0.00929500	0.00929500
EQPT4,EG2045	CO (Carbon Monoxide)	0.16919500	9.30572500	9.30572500
EQPT4,EG2045	Carbon Dioxide	29.20840000	1,606.46200000	1,606.46200000
EQPT4,EG2045	Formaldehyde	0.00007800	0.00429000	0.00429000
EQPT4,EG2045	Methane	0.00023400	0.01287000	0.01287000

Facility Level/Equipment ID	Pollutant	Actual Emissions (tpy)	Title V Potential (tpy)	Maximum Potential (tpy)
EQPT4,EG2045	NO2 (Nitrogen Dioxide)	0.78542100	43.19815500	43.19815500
EQPT4,EG2045	PM10 (Particulate Matter - 10 Microns Or Less)	0.05521100	3.03660500	3.03660500
EQPT4,EG2045	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.05521100	3.03660500	3.03660500
EQPT4,EG2045	PT (Particulate Matter)	0.05521100	3.03660500	3.03660500
EQPT4,EG2045	SO2 (Sulfur Dioxide)	0.05164900	2.84069500	2.84069500
EQPT4,EG2045	Toluene	0.00007800	0.00429000	0.00429000
EQPT4,EG2045	VOC (Volatile Organic Compounds)	0.06233500	3.42842500	3.42842500
EQPT4,EG2045	Xylenes (Total)	0.00005200	0.00286000	0.00286000
EQPT5,EG 46	Benzene	0.00000473	0.00055250	0.00055250
EQPT5,EG 46	CO (Carbon Monoxide)	0.00475240	0.55564500	0.55564500
EQPT5,EG 46	Carbon Dioxide	0.79326605	92.74775000	92.74775000
EQPT5,EG 46	Formaldehyde	0.00000582	0.00068000	0.00068000
EQPT5,EG 46	Methane	0.00000654	0.00076500	0.00076500
EQPT5,EG 46	NO2 (Nitrogen Dioxide)	0.02205391	2.57851750	2.57851750
EQPT5,EG 46	PM10 (Particulate Matter - 10 Microns Or Less)	0.00156523	0.18300500	0.18300500
EQPT5,EG 46	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00050890	0.05950000	0.05950000
EQPT5,EG 46	PT (Particulate Matter)	0.00156523	0.18300500	0.18300500
EQPT5,EG 46	SO2 (Sulfur Dioxide)	0.00145836	0.17051000	0.17051000
EQPT5,EG 46	VOC (Volatile Organic Compounds)	0.00178551	0.20876000	0.20876000
EQPT5,EG 46	Xylenes (Total)	0.00000145	0.00017000	0.00017000
EQPT6,EG 47	Benzene	0.00002063	0.00228250	0.00228250
EQPT6,EG 47	CO (Carbon Monoxide)	0.02183438	2.41633750	2.41633750
EQPT6,EG 47	Carbon Dioxide	4.23843750	469.05375000	469.05375000
EQPT6,EG 47	Formaldehyde	0.00000188	0.00020750	0.00020750
EQPT6,EG 47	Methane	0.00020813	0.02303250	0.02303250
EQPT6,EG 47	NO2 (Nitrogen Dioxide)	0.08220000	9.09680000	9.09680000
EQPT6,EG 47	PM10 (Particulate Matter - 10 Microns Or Less)	0.00256875	0.28427500	0.28427500
EQPT6,EG 47	PM2.5 (Particulate Matter - 2.5 Microns Or Less)	0.00256875	0.28427500	0.28427500
EQPT6,EG 47	PT (Particulate Matter)	0.00256875	0.28427500	0.28427500
EQPT6,EG 47	SO2 (Sulfur Dioxide)	0.00129750	0.14359000	0.14359000
EQPT6,EG 47	Toluene	0.00000750	0.00083000	0.00083000
EQPT6,EG 47	VOC (Volatile Organic Compounds)	0.00231188	0.25584750	0.25584750
EQPT6,EG 47	Xylenes (Total)	0.00000750	0.00083000	0.00083000