

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Wyoming: For Review Only

The purpose of presenting these estimates is to provide additional information for State, local, and tribal organization review of the draft 1999 NEI for HAPs posted October 2002. EPA strongly cautions that these model estimates should not be used to draw conclusions about air quality or risk. They should also not be used for comparison with 1996 NATA results to perform trends analysis because, in addition to being draft, changes have been made to emission inventory and processing methodologies.

See www.epa.gov/ttn/chief/net/index.html#1999 for more information on the draft 1999 NEI for HAPs.

Please also note:

- The general approach for emission inventory development and modeling is similar to that used for the National-Scale Assessment for 1996
[For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm](http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm)
- The emission processing and modeling procedures utilize 1999 meteorology, 1999 emissions and updated and new spatial information including the 2000 census for population and census tract centroid location
[Background concentrations are the same as those used in the 1996 NATA.](#)
- For formaldehyde and acetaldehyde, secondary contributions were estimated outside of the ASPEN model using the same proportion of secondary to primary concentrations as was used in the 1996 NATA assessment.
- Because the emissions used are from 1999, they do not reflect potentially significant emission reductions that have taken effect since then, including those from: 1) mobile source regulations which are being phased in over time; 2) many of the air toxics regulations EPA has issued for major industrial sources; 3) State or industry initiatives; and 4) any facility closures.

DRAFT FOR REVIEW ONLY Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts										Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background		
Wyoming	Statewide	N/A	N/A	Acetaldehyde	9.88E-03	1.37E-02	2.53E-02	6.21E-02	1.19E-01	1.19E-01	1.77E-01	3.04E-01	1.15E-03	6.52E-02	3.32E-02	1.98E-02	0.00E+00		
Wyoming	Statewide	N/A	N/A	Acrolein	6.31E-03	9.55E-03	1.58E-02	2.49E-02	2.57E-02	3.48E-02	4.36E-02	5.12E-02	2.10E-03	1.72E-02	5.18E-03	1.19E-03	0.00E+00		
Wyoming	Statewide	N/A	N/A	Acrylonitrile	1.11E-06	1.54E-06	5.17E-06	1.71E-05	5.10E-05	4.19E-05	1.39E-04	3.27E-04	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Arsenic Compounds	7.08E-07	9.14E-07	3.94E-06	1.75E-05	3.80E-05	3.37E-05	6.48E-05	8.56E-05	2.29E-05	2.47E-06	8.74E-06	3.82E-06	0.00E+00		
Wyoming	Statewide	N/A	N/A	Benzene	5.03E-01	5.08E-01	5.35E-01	6.70E-01	7.14E-01	8.09E-01	1.01E+00	1.13E+00	3.23E-03	7.38E-02	1.40E-01	1.66E-02	4.80E-01		
Wyoming	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-15	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Beryllium Compounds	2.38E-08	8.76E-08	3.39E-07	1.36E-06	1.97E-06	2.65E-06	4.70E-06	7.04E-06	2.41E-07	5.95E-07	0.00E+00	1.13E-06	0.00E+00		
Wyoming	Statewide	N/A	N/A	1,3-Butadiene	1.95E-03	2.98E-03	7.02E-03	1.50E-02	1.94E-02	2.67E-02	3.91E-02	5.30E-02	2.37E-04	4.99E-03	1.21E-02	2.06E-03	0.00E+00		
Wyoming	Statewide	N/A	N/A	Cadmium Compounds	5.52E-08	1.27E-07	5.90E-07	2.24E-06	3.58E-06	5.15E-06	8.97E-06	1.22E-05	1.26E-06	1.19E-06	0.00E+00	1.13E-06	0.00E+00		
Wyoming	Statewide	N/A	N/A	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.75E-02	4.76E-02	4.82E-02	4.87E-02	2.12E-04	2.71E-04	0.00E+00	0.00E+00	4.70E-02		
Wyoming	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.71E-05	0.00E+00	0.00E+00	8.80E-01		
Wyoming	Statewide	N/A	N/A	Chloroform	8.30E-02	8.30E-02	8.32E-02	8.47E-02	9.15E-02	9.37E-02	1.11E-01	1.14E-01	3.99E-06	8.45E-03	0.00E+00	0.00E+00	8.30E-02		
Wyoming	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	3.70E-07	5.59E-07	2.58E-06	1.36E-05	2.42E-05	3.07E-05	6.18E-05	1.00E-04	1.30E-05	3.68E-06	7.03E-06	4.81E-07	0.00E+00		
Wyoming	Statewide	N/A	N/A	Chromium VI	1.45E-07	2.21E-07	9.85E-07	5.06E-06	6.89E-06	1.03E-05	1.49E-05	1.89E-05	1.91E-06	2.03E-06	2.79E-06	1.63E-07	0.00E+00		
Wyoming	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	1,4-Dichlorobenzene	5.77E-05	7.55E-05	2.92E-04	4.56E-03	7.30E-03	1.28E-02	1.89E-02	2.19E-02	0.00E+00	7.30E-03	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	1,3-Dichloropropene	1.09E-04	1.48E-04	5.66E-04	9.29E-03	1.49E-02	2.62E-02	3.86E-02	4.47E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.26E-08	3.50E-08	0.00E+00	0.00E+00	7.70E-03		
Wyoming	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	5.83E-07	5.42E-06	0.00E+00	0.00E+00	6.10E-02		
Wyoming	Statewide	N/A	N/A	Ethylene Oxide	9.65E-07	2.09E-06	8.55E-06	7.04E-05	2.62E-04	3.13E-04	5.19E-04	7.41E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Formaldehyde	2.85E-01	2.94E-01	3.27E-01	3.89E-01	4.07E-01	4.52E-01	5.21E-01	5.83E-01	3.78E-03	7.72E-02	4.91E-02	2.71E-02	2.50E-01		
Wyoming	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.34E-05	9.36E-05	0.00E+00	1.25E-07	0.00E+00	0.00E+00	9.30E-05		
Wyoming	Statewide	N/A	N/A	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.23E-08	0.00E+00	0.00E+00	1.80E-03		
Wyoming	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	0.00E+00	9.24E-13	6.90E-09	2.41E-09	1.30E-08	5.33E-08	0.00E+00	6.90E-09	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Lead Compounds	1.28E-06	2.31E-06	2.35E-05	1.18E-04	3.00E-04	2.42E-04	5.31E-04	9.86E-04	3.25E-05	5.31E-05	0.00E+00	2.15E-04	0.00E+00		
Wyoming	Statewide	N/A	N/A	Manganese Compounds	2.89E-07	5.03E-07	5.14E-06	1.58E-05	1.77E-04	5.51E-05	3.55E-04	7.91E-04	3.14E-05	1.42E-04	2.30E-06	4.15E-07	0.00E+00		
Wyoming	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.57E-03	4.86E-06	3.94E-06	8.76E-06	4.33E-06	1.50E-03		
Wyoming	Statewide	N/A	N/A	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.68E-01	1.77E-01	1.91E-01	2.17E-01	2.45E-01	3.89E-04	2.68E-02	0.00E+00	0.00E+00	1.50E-01		
Wyoming	Statewide	N/A	N/A	Nickel Compounds	4.99E-07	1.01E-06	3.89E-06	2.47E-05	3.45E-05	4.97E-05	8.46E-05	1.08E-04	1.22E-05	1.62E-05	5.26E-06	7.90E-07	0.00E+00		
Wyoming	Statewide	N/A	N/A	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.46E-01	1.48E-01	1.54E-01	1.69E-01	5.86E-07	6.49E-03	0.00E+00	0.00E+00	1.40E-01		
Wyoming	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.94E-04	3.94E-04	4.32E-04	4.46E-04	6.90E-10	1.37E-05	0.00E+00	0.00E+00	3.80E-04		
Wyoming	Statewide	N/A	N/A	Polycyclic Organic Matter	1.07E-03	1.48E-03	2.94E-03	1.13E-02	1.44E-02	2.06E-02	3.34E-02	4.27E-02	8.00E-04	1.07E-02	2.31E-03	5.74E-04	0.00E+00		
Wyoming	Statewide	N/A	N/A	7-PAH	1.55E-04	2.40E-04	4.05E-04	7.73E-04	9.22E-04	1.32E-03	1.83E-03	2.00E-03	1.44E-07	9.01E-04	1.50E-05	5.44E-06	0.00E+00		
Wyoming	Statewide	N/A	N/A	Propylene Dichloride	6.70E-08	1.17E-07	2.80E-07	9.64E-07	2.67E-06	1.99E-06	5.32E-06	1.93E-05	0.00E+00	2.67E-06	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.17E-11	2.12E-08	9.41E-09	4.99E-08	1.59E-07	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	2.75E-08	1.12E-07	6.30E-07	1.80E-06	1.79E-05	8.57E-06	3.06E-05	1.55E-04	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00		
Wyoming	Statewide	N/A	N/A	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.28E-02	8.39E-02	8.52E-02	8.77E-02	9.14E-02	0.00E+00	2.87E-03	0.00E+00	0.00E+00	8.10E-02		
Wyoming	Statewide	N/A	N/A	Vinyl Chloride	1.36E-07	8.79E-07	2.05E-06	5.47E-06	4.49E-05	2.11E-05	7.53E-05	3.85E-04	0.00E+00	4.49E-05	0.00E+00	0.00E+00	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Acetaldehyde	9.67E-03	1.63E-02	3.60E-02	8.65E-02	1.50E-01	1.32E-01	2.33E-01	5.07E-01	1.15E-03	8.24E-02	4.14E-02	2.48E-02	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Acrolein	5.79E-03	9.99E-03	1.60E-02	2.46E-02	2.67E-02	3.57E-02	4.87E-02	5.29E-02	2.80E-03	1.62E-02	6.31E-03	1.40E-03	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Acrylonitrile	1.11E-06	1.54E-06	5.39E-06	2.24E-05	5.62E-05	4.35E-05	1.56E-04	3.41E-04	0.00E+00	5.62E-05	0.00E+00	0.00E+00	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Arsenic Compounds	8.03E-07	1.60E-06	8.82E-06	2.15E-05	4.57E-05	3.77E-05	6.48E-05	2.81E-04	2.74E-05	2.96E-06	1.07E-05	4.66E-06	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Benzene	5.04E-01	5.11E-01	5.57E-01	7.35E-01	7.61E-01	8.79E-01	1.05E+00	1.16E+00	4.33E-03	8.17E-02	1.75E-01	1.94E-02	4.80E-01		
Wyoming	All Urban Counties	N/A	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
Wyoming	All Urban Counties	N/A	U	Beryllium Compounds	4.30E-08	2.01E-07	4.80E-07	1.67E-06	2.25E-06	2.94E-06	5.14E-06	7.63E-06	1.36E-07	7.18E-07	0.00E+00	1.40E-06	0.00E+00		
Wyoming	All Urban Counties	N/A	U	1,3-Butadiene	1.67E-03	3.45E-03	7.94E-03	1.86E-02	2.28E-02	3.08E-02	4.47E-02	5.60E-02	3.19E-04	4.82E-03	1.52E-02	2.48E-03	0.00E+00		

DRAFT FOR REVIEW ONLY
 Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	All Urban Counties	N/A	U	Cadmium Compounds	1.08E-07	3.10E-07	1.14E-06	2.83E-06	4.31E-06	5.66E-06	1.01E-05	1.29E-05	1.53E-06	1.39E-06	0.00E+00	1.39E-06	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.76E-02	4.77E-02	4.83E-02	4.92E-02	2.73E-04	3.16E-04	0.00E+00	0.00E+00	4.70E-02	
Wyoming	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	9.05E-05	8.80E-01	
Wyoming	All Urban Counties	N/A	U	Chloroform	8.31E-02	8.31E-02	8.36E-02	8.53E-02	9.31E-02	9.98E-02	1.11E-01	1.18E-01	5.39E-06	1.01E-02	0.00E+00	0.00E+00	8.30E-02	
Wyoming	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	4.38E-07	1.13E-06	5.71E-06	1.70E-05	2.78E-05	3.47E-05	7.88E-05	1.23E-04	1.40E-05	4.54E-06	8.75E-06	5.80E-07	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Chromium VI	1.65E-07	3.87E-07	2.24E-06	6.12E-06	1.25E-05	1.77E-05	2.11E-05	2.40E-05	2.04E-06	2.61E-06	3.47E-06	1.97E-07	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	1,4-Dichlorobenzene	5.77E-05	1.04E-04	5.73E-04	8.70E-03	9.10E-03	1.44E-02	1.96E-02	2.41E-02	0.00E+00	9.10E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	1,3-Dichloropropene	1.04E-04	2.02E-04	1.14E-03	1.78E-02	1.86E-02	2.94E-02	4.01E-02	4.92E-02	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.70E-08	3.97E-08	0.00E+00	7.70E-03	
Wyoming	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.77E-07	5.87E-06	0.00E+00	0.00E+00	6.10E-02	
Wyoming	All Urban Counties	N/A	U	Ethylene Oxide	9.65E-07	2.57E-06	1.65E-05	1.11E-04	3.25E-04	3.67E-04	5.94E-04	9.98E-04	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Formaldehyde	2.85E-01	2.99E-01	3.45E-01	4.10E-01	4.24E-01	4.68E-01	5.59E-01	6.24E-01	3.43E-03	7.58E-02	6.10E-02	3.33E-02	2.50E-01	
Wyoming	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.34E-05	9.36E-05	0.00E+00	1.10E-07	0.00E+00	0.00E+00	9.30E-05	
Wyoming	All Urban Counties	N/A	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.74E-08	0.00E+00	0.00E+00	1.80E-03
Wyoming	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	5.85E-10	8.56E-09	3.31E-09	2.05E-08	6.58E-08	0.00E+00	8.56E-09	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Lead Compounds	2.25E-06	9.89E-06	3.95E-05	1.39E-04	3.58E-04	2.72E-04	5.31E-04	2.27E-03	1.66E-05	6.53E-05	0.00E+00	2.76E-04	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Manganese Compounds	3.20E-07	9.88E-07	6.28E-06	1.91E-05	2.01E-04	5.73E-05	3.55E-04	6.20E-04	8.54E-06	1.90E-04	2.86E-06	5.05E-07	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	5.94E-06	4.71E-06	1.06E-05	5.29E-06	1.50E-03	
Wyoming	All Urban Counties	N/A	U	Methylene Chloride	1.50E-01	1.50E-01	1.53E-01	1.77E-01	1.83E-01	1.96E-01	2.21E-01	2.52E-01	5.21E-04	3.26E-02	0.00E+00	0.00E+00	1.50E-01	
Wyoming	All Urban Counties	N/A	U	Nickel Compounds	5.89E-07	1.29E-06	9.45E-06	3.46E-05	4.02E-05	5.52E-05	9.26E-05	1.11E-04	1.35E-05	1.92E-05	6.55E-06	9.63E-07	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.45E-01	1.48E-01	1.49E-01	1.57E-01	1.77E-01	6.78E-07	8.15E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.92E-04	3.81E-04	4.31E-04	4.49E-04	9.29E-10	1.22E-05	0.00E+00	0.00E+00	3.80E-04	
Wyoming	All Urban Counties	N/A	U	Polycyclic Organic Matter	1.07E-03	1.63E-03	3.91E-03	1.59E-02	1.74E-02	2.59E-02	3.48E-02	4.71E-02	1.06E-03	1.27E-02	2.87E-03	6.99E-04	0.00E+00	
Wyoming	All Urban Counties	N/A	U	7-PAH	1.01E-04	2.40E-04	3.80E-04	7.49E-04	1.38E-04	1.93E-04	2.13E-03	1.92E-07	9.89E-04	1.86E-05	6.47E-06	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Propylene Dichloride	7.38E-08	1.41E-07	4.07E-07	1.01E-06	2.93E-06	1.96E-06	7.24E-06	1.96E-05	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.90E-09	2.56E-08	1.41E-08	8.82E-08	1.88E-07	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	1,1,1,2,2-Tetrachloroethane	4.16E-08	1.27E-07	3.34E-07	1.07E-06	1.92E-05	5.58E-05	1.72E-04	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Urban Counties	N/A	U	Trichloroethylene	8.10E-02	8.10E-02	8.12E-02	8.36E-02	8.45E-02	8.55E-02	8.79E-02	9.16E-02	0.00E+00	3.47E-03	0.00E+00	0.00E+00	8.10E-02	
Wyoming	All Urban Counties	N/A	U	Vinyl Chloride	1.53E-07	8.79E-07	2.05E-06	5.01E-06	4.80E-05	2.10E-05	1.38E-04	4.24E-04	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Acetaldehyde	1.08E-02	1.11E-02	1.60E-02	2.65E-02	3.29E-02	4.21E-02	6.08E-02	7.85E-02	1.17E-03	1.62E-02	1.00E-02	5.44E-03	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Acrolein	6.31E-03	8.20E-03	1.45E-02	2.55E-02	2.29E-02	2.96E-02	3.72E-02	3.79E-02	1.26E-04	2.02E-02	1.96E-03	6.11E-04	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Acrylonitrile	2.61E-07	1.71E-06	4.20E-06	1.44E-05	3.63E-05	3.63E-05	5.22E-05	1.67E-04	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Arsenic Compounds	4.29E-07	9.14E-07	1.57E-06	8.40E-06	1.58E-05	1.81E-05	4.09E-05	7.08E-05	1.02E-05	1.07E-06	3.15E-06	1.42E-06	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Benzene	5.02E-01	5.06E-01	5.20E-01	5.48E-01	5.81E-01	6.22E-01	6.79E-01	7.38E-01	9.96E-05	5.11E-02	4.13E-02	8.69E-03	4.80E-01	
Wyoming	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-15	0.00E+00	1.18E-14	8.25E-14	0.00E+00	6.11E-15	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Beryllium Compounds	9.91E-09	2.38E-08	1.02E-07	5.00E-07	1.16E-06	1.93E-06	3.00E-06	4.20E-06	5.40E-07	2.45E-07	0.00E+00	3.76E-07	0.00E+00	
Wyoming	All Rural Counties	N/A	R	1,3-Butadiene	1.95E-03	2.47E-03	4.93E-03	8.09E-03	9.56E-03	1.27E-02	1.68E-02	2.54E-02	5.62E-07	5.48E-03	3.20E-03	8.88E-04	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Cadmium Compounds	3.31E-08	5.13E-08	1.48E-07	7.31E-07	1.49E-06	2.79E-06	3.54E-06	5.73E-06	5.06E-07	6.06E-07	0.00E+00	3.75E-07	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.72E-02	4.72E-02	3.67E-05	1.41E-04	0.00E+00	0.00E+00	4.70E-02	
Wyoming	All Rural Counties	N/A	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.87E-05	0.00E+00	8.80E-01	
Wyoming	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.32E-02	8.68E-02	8.56E-02	9.27E-02	1.08E-01	6.79E-09	3.76E-03	0.00E+00	0.00E+00	8.30E-02	
Wyoming	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	2.58E-07	4.07E-07	1.08E-06	4.35E-06	1.38E-05	1.67E-05	5.48E-05	6.18E-05	1.02E-05	1.23E-06	2.14E-06	1.98E-07	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Chromium VI	9.62E-08	1.62E-07	4.26E-07	1.82E-06	2.81E-06	3.83E-06	7.44E-06	9.31E-06	1.52E-06	3.90E-07	8.34E-07	6.72E-08	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	1,4-Dichlorobenzene	5.51E-05	7.20E-05	1.55E-04	1.55E-04	3.20E-03	3.15E-03	6.25E-03	7.40E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	1,3-Dichloropropene	1.09E-04	1.41E-04	3.08E-04	6.22E-04	4.52E-03	6.37E-03	1.27E-02	1.51E-02	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	0.216E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	All Rural Counties	N/A	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.18E-07	4.14E-06	0.00E+00	0.00E+00	6.10E-02	
Wyoming	All Rural Counties	N/A	R	Ethylene Oxide	2.58E-07	2.09E-06	2.83E-06	1.18E-05	8.34E-05	9.60E-05	2.65E-04	4.50E-04	0.00E+00	8.34E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Formaldehyde	2.79E-01	2.88E-01	3.18E-01	3.62E-01	3.60E-01	3.89E-01	4.38E-01	4.42E-01	4.76E-03	8.12E-02	1.51E-02	9.45E-03	2.50E-01	
Wyoming	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.35E-05	0.00E+00	1.71E-07	0.00E+00	0.00E+00	9.30E-05	
Wyoming	All Rural Counties	N/A	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.78E-08	0.00E+00	1.80E-03	
Wyoming	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-09	1.87E-12	4.62E-09	6.84E-09	0.00E+00	2.16E-09	0.00E+00	0.00E+00	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Lead Compounds	8.67E-07	1.23E-06	5.60E-06	3.12E-05	1.36E-04	1.42E-04	3.54E-04	7.47E-04	7.77E-05	1.82E-05	0.00E+00	4.03E-05	0.00E+00	
Wyoming	All Rural Counties	N/A	R	Manganese Compounds	1.68E-07	3.45E-07	8.11E-07	9.46E-06	1.06E-									

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	All Rural Counties	N/A	R	7-PAH	2.17E-04	2.92E-04	5.61E-04	9.73E-04	9.15E-04	1.25E-03	1.64E-03	1.71E-03	5.63E-09	9.08E-04	4.84E-06	2.53E-06	0.00E+00	0.00E+00
Wyoming	All Rural Counties	N/A	R	Propylene Dichloride	7.85E-09	9.47E-08	2.48E-07	7.46E-07	1.95E-06	1.99E-06	2.94E-06	9.93E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	1.21E-09	2.75E-08	8.06E-07	4.35E-06	1.45E-05	1.12E-05	2.14E-05	8.91E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.22E-02	8.24E-02	8.37E-02	8.69E-02	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Wyoming	All Rural Counties	N/A	R	Vinyl Chloride	4.83E-09	1.03E-06	2.34E-06	1.07E-05	3.61E-05	2.62E-05	2.87E-05	5.26E-05	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Acetaldehyde	1.38E-02	2.07E-02	5.30E-02	7.89E-02	7.22E-02	8.52E-02	1.19E-01	1.25E-01	1.93E-04	1.23E-02	2.94E-02	3.03E-02	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Acrolein	1.32E-02	1.45E-02	2.05E-02	2.16E-02	2.23E-02	2.71E-02	2.92E-02	3.08E-02	0.00E+00	1.53E-02	5.11E-03	1.86E-03	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Acrylonitrile	1.81E-06	7.51E-06	1.56E-05	2.62E-05	4.42E-05	6.31E-05	1.10E-04	1.56E-04	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Arsenic Compounds	8.03E-07	2.45E-06	1.48E-05	1.89E-05	2.13E-05	3.32E-05	3.93E-05	4.49E-05	0.00E+00	3.90E-06	8.89E-06	8.55E-06	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Benzene	5.11E-01	5.30E-01	6.33E-01	7.15E-01	7.14E-01	7.85E-01	9.16E-01	1.04E+00	6.77E-08	6.15E-02	1.46E-01	2.72E-02	4.80E-01	0.00E+00
Wyoming	Albany County	56001	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Beryllium Compounds	3.18E-07	7.63E-07	1.36E-06	3.35E-06	3.43E-06	5.13E-06	6.80E-06	7.63E-06	0.00E+00	1.04E-06	0.00E+00	2.39E-06	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	1,3-Butadiene	4.66E-03	6.18E-03	1.52E-02	2.30E-02	2.12E-02	2.82E-02	3.42E-02	3.80E-02	0.00E+00	5.01E-03	1.28E-02	3.43E-03	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Cadmium Compounds	3.39E-07	8.89E-07	1.63E-06	4.14E-06	4.36E-06	6.73E-06	8.20E-06	9.65E-06	0.00E+00	1.98E-06	0.00E+00	2.38E-06	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.75E-02	4.77E-02	4.83E-02	4.88E-02	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Wyoming	Albany County	56001	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Wyoming	Albany County	56001	U	Chloroform	8.31E-02	8.86E-02	9.18E-02	9.72E-02	1.01E-01	1.18E-01	1.24E-01	1.30E-01	0.00E+00	1.84E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Wyoming	Albany County	56001	U	Chromium Compounds (includes Hexavalent)	4.43E-07	1.51E-06	8.85E-06	1.05E-05	1.08E-05	1.65E-05	1.86E-05	1.94E-05	0.00E+00	2.64E-06	7.30E-06	9.06E-07	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Chromium VI	1.65E-07	5.81E-07	3.43E-06	4.13E-06	4.36E-06	6.55E-06	7.81E-06	8.17E-06	0.00E+00	1.23E-06	2.83E-06	3.08E-07	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	1,4-Dichlorobenzene	5.48E-05	3.04E-04	4.56E-03	3.73E-03	9.80E-03	1.86E-02	2.17E-02	2.46E-02	0.00E+00	9.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	1,3-Dichloropropene	1.04E-04	6.12E-04	9.29E-03	1.51E-02	2.00E-02	3.81E-02	4.44E-02	5.02E-02	0.00E+00	2.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Wyoming	Albany County	56001	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.57E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Wyoming	Albany County	56001	U	Ethylene Oxide	1.51E-06	2.74E-06	1.74E-05	9.22E-05	2.25E-04	4.97E-04	5.52E-04	5.67E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Formaldehyde	3.09E-01	3.19E-01	3.73E-01	4.10E-01	4.10E-01	4.57E-01	4.89E-01	5.20E-01	2.18E-03	5.93E-02	4.94E-02	4.92E-02	2.50E-01	0.00E+00
Wyoming	Albany County	56001	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.99E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Wyoming	Albany County	56001	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.31E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Wyoming	Albany County	56001	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Hydrazine	6.06E-12	2.33E-10	9.07E-10	1.85E-09	4.69E-09	1.17E-08	1.23E-08	1.25E-08	0.00E+00	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Lead Compounds	7.25E-06	2.96E-05	1.63E-04	2.46E-04	2.42E-04	3.26E-04	4.46E-04	5.57E-04	0.00E+00	7.03E-05	0.00E+00	1.72E-04	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Manganese Compounds	3.20E-07	9.18E-07	5.71E-06	9.57E-06	9.99E-06	1.58E-05	2.04E-05	2.04E-05	0.00E+00	6.75E-06	2.36E-06	8.84E-07	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Mercury Compounds	1.50E-03	1.50E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	1.55E-03	0.00E+00	7.14E-06	8.66E-06	9.55E-06	1.50E-03	0.00E+00
Wyoming	Albany County	56001	U	Methylene Chloride	1.50E-01	1.51E-01	1.62E-01	1.74E-01	1.93E-01	2.17E-01	2.70E-01	2.78E-01	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Wyoming	Albany County	56001	U	Nickel Compounds	4.88E-07	2.17E-06	1.59E-05	2.27E-05	3.40E-05	4.79E-05	8.06E-05	1.11E-04	0.00E+00	2.70E-05	5.40E-06	1.66E-06	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Perchloroethylene	1.40E-01	1.41E-01	1.43E-01	1.44E-01	1.46E-01	1.50E-01	1.54E-01	1.57E-01	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Wyoming	Albany County	56001	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Wyoming	Albany County	56001	U	Polycyclic Organic Matter	1.63E-03	2.44E-03	7.58E-03	1.23E-02	1.30E-02	1.95E-02	2.38E-02	2.75E-02	3.93E-09	9.51E-03	2.41E-03	1.04E-03	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	7-PAH	5.25E-04	5.58E-04	6.47E-04	7.84E-04	7.19E-04	7.83E-04	8.31E-04	8.49E-04	0.00E+00	6.94E-04	1.52E-05	1.00E-05	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Propylene Dichloride	6.70E-08	3.24E-07	8.33E-07	9.70E-07	1.51E-06	2.03E-06	3.42E-06	4.70E-06	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Quinoline	1.04E-10	9.07E-10	3.50E-09	6.60E-09	1.35E-08	3.21E-08	3.41E-08	3.43E-08	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	1,1,2,2-Tetrachloroethane	8.19E-09	6.02E-08	2.43E-07	1.27E-06	1.80E-06	2.07E-06	5.38E-06	8.53E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Albany County	56001	U	Trichloroethylene	8.10E-02	8.11E-02	8.24E-02	8.41E-02	8.67E-02	8.96E-02	9.63E-02	1.03E-01	0.00E+00	5.66E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Wyoming	Albany County	56001	U	Vinyl Chloride	7.98E-08	7.07E-07	1.87E-06	3.86E-06	5.04E-06	5.35E-06	1.35E-05	2.10E-05	0.00E+00	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Acetaldehyde	1.29E-02	1.29E-02	1.29E-02	2.55E-02	2.16E-02	2.65E-02	2.65E-02	2.65E-02	0.00E+00	1.34E-02	4.85E-03	3.42E-03	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Acrolein	8.20E-03	8.20E-03	8.20E-03	2.55E-02	1.98E-02	2.57E-02	2.57E-02	2.57E-02	0.00E+00	1.86E-02	1.01E-03	2.02E-04	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Acrylonitrile	3.90E-06	3.90E-06	3.90E-06	3.72E-05	2.69E-05	3.97E-05	3.97E-05	3.97E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Arsenic Compounds	1.57E-06	1.57E-06	1.57E-06	2.31E-06	2.11E-06	2.45E-06	2.45E-06	2.45E-06	0.00E+00	1.90E-07	1.34E-06	5.78E-07	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Benzene	5.08E-01	5.08E-01	5.08E-01	5.43E-01	5.32E-01	5.45E-01	5.45E-01	5.45E-01	0.00E+00	3.60E-02	1.40E-02	2.24E-03	4.80E-01	0.00E+00
Wyoming	Big Horn County	56003	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Beryllium Compounds	8.75E-08	8.75E-08	8.75E-08	9.72E-08	9.56E-08	1.02E-07	1.02E-07	1.02E-07	0.00E+00	2.55E-08	0.00E+00	7.01E-08	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	1,3-Butadiene	2.77E-03	2.77E-03	2.77E-03	8.07E-03	6.31E-03	8.09E-03	8.09E-03	8.09E-03	0.00E+00	5.39E-03	7.58E-04	1.62E-04	0.00E+00	

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...					
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background		
Wyoming	Big Horn County	56003	R	Ethylene Oxide	8.55E-06	8.55E-06	8.55E-06	1.18E-05	1.08E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Formaldehyde	2.88E-01	2.88E-01	2.88E-01	3.60E-01	3.37E-01	3.62E-01	3.62E-01	3.62E-01	3.62E-01	0.00E+00	7.65E-02	5.72E-03	4.53E-03	2.50E-01	2.50E-01
Wyoming	Big Horn County	56003	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.93E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Wyoming	Big Horn County	56003	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.86E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Wyoming	Big Horn County	56003	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Lead Compounds	2.31E-06	2.31E-06	2.31E-06	2.42E-06	4.75E-06	9.51E-06	9.51E-06	9.51E-06	9.51E-06	0.00E+00	6.62E-07	0.00E+00	4.08E-06	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Manganese Compounds	4.79E-07	4.79E-07	4.79E-07	7.74E-07	6.88E-07	8.11E-07	8.11E-07	8.11E-07	8.11E-07	0.00E+00	3.86E-07	2.49E-07	5.29E-08	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	1.17E-07	1.58E-06	5.72E-07	1.50E-03	1.50E-03
Wyoming	Big Horn County	56003	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Wyoming	Big Horn County	56003	R	Nickel Compounds	1.31E-06	1.31E-06	1.31E-06	1.43E-06	1.41E-06	1.51E-06	1.51E-06	1.51E-06	1.51E-06	0.00E+00	7.28E-07	5.99E-07	8.63E-08	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	5.30E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Wyoming	Big Horn County	56003	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Wyoming	Big Horn County	56003	R	Polycyclic Organic Matter	1.45E-03	1.45E-03	1.45E-03	3.23E-03	2.67E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	0.00E+00	2.36E-03	2.56E-04	4.88E-05	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	7-PAH	3.18E-04	3.18E-04	3.18E-04	9.83E-04	7.64E-04	9.91E-04	9.91E-04	9.91E-04	9.91E-04	0.00E+00	7.61E-04	2.04E-06	7.04E-07	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Propylene Dichloride	2.10E-07	2.10E-07	2.10E-07	2.22E-06	1.60E-06	2.37E-06	2.37E-06	2.37E-06	2.37E-06	0.00E+00	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	1,1,2,2-Tetrachloroethane	1.69E-06	1.69E-06	1.69E-06	2.00E-05	1.44E-05	2.14E-05	2.14E-05	2.14E-05	2.14E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Big Horn County	56003	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Wyoming	Big Horn County	56003	R	Vinyl Chloride	4.16E-06	4.16E-06	4.16E-06	4.93E-05	5.26E-05	5.26E-05	5.26E-05	5.26E-05	5.26E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Acetaldehyde	6.80E-02	6.80E-02	4.97E-01	5.43E-01	9.06E-01	6.43E-01	3.54E+00	3.54E+00	3.54E+00	0.00E+00	8.60E-01	2.87E-02	1.73E-02	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Acrolein	2.82E-03	2.82E-03	1.97E-02	2.75E-02	2.42E-02	3.06E-02	3.48E-02	3.48E-02	3.48E-02	0.00E+00	1.88E-02	4.37E-03	9.90E-04	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Acrylonitrile	8.76E-07	8.76E-07	9.51E-06	1.31E-04	2.13E-04	4.31E-04	5.52E-04	5.52E-04	5.52E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Arsenic Compounds	2.26E-05	2.26E-05	8.36E-05	2.81E-04	3.21E-04	4.28E-04	7.46E-04	7.46E-04	7.46E-04	3.08E-04	2.48E-06	6.98E-06	3.11E-06	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Benzene	4.94E-01	4.94E-01	5.26E-01	6.74E-01	6.71E-01	7.57E-01	9.65E-01	9.65E-01	9.65E-01	0.00E+00	6.87E-02	1.11E-01	1.20E-02	4.80E-01	4.80E-01
Wyoming	Campbell County	56005	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Beryllium Compounds	3.14E-07	3.14E-07	3.22E-07	1.04E-06	1.46E-06	2.37E-06	3.02E-06	3.02E-06	3.02E-06	3.11E-08	4.65E-07	0.00E+00	9.62E-07	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	1,3-Butadiene	1.25E-03	1.25E-03	6.80E-03	1.69E-02	1.71E-02	2.49E-02	3.75E-02	3.75E-02	3.75E-02	0.00E+00	6.23E-03	9.30E-03	1.56E-03	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Cadmium Compounds	3.10E-07	3.10E-07	3.23E-07	1.34E-06	1.94E-06	3.33E-06	4.21E-06	4.21E-06	4.21E-06	8.28E-09	9.68E-07	0.00E+00	9.60E-07	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.73E-02	4.75E-02	4.80E-02	4.80E-02	4.80E-02	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Wyoming	Campbell County	56005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Wyoming	Campbell County	56005	U	Chloroform	8.31E-02	8.31E-02	8.33E-02	8.70E-02	8.82E-02	9.84E-02	9.84E-02	9.84E-02	9.84E-02	0.00E+00	5.21E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Wyoming	Campbell County	56005	U	Chromium Compounds (includes Hexavalent)	1.13E-06	1.13E-06	1.26E-05	2.11E-05	2.10E-05	3.50E-05	4.14E-05	4.14E-05	4.14E-05	6.26E-07	1.47E-05	5.33E-06	3.80E-07	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Chromium VI	3.85E-07	3.85E-07	3.52E-06	7.25E-06	7.06E-06	1.20E-05	1.45E-05	1.45E-05	1.13E-07	4.70E-06	2.12E-06	1.29E-07	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	1,4-Dichlorobenzene	8.75E-05	8.75E-05	2.92E-04	4.73E-03	6.09E-03	8.76E-03	1.79E-02	1.79E-02	1.79E-02	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	1,3-Dichloropropene	1.72E-04	1.72E-04	5.66E-04	9.53E-03	1.24E-02	1.79E-02	3.65E-02	3.65E-02	3.65E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Wyoming	Campbell County	56005	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.11E-02	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Wyoming	Campbell County	56005	U	Ethylene Oxide	5.19E-07	5.19E-07	5.86E-06	2.14E-05	1.79E-04	3.67E-04	7.78E-04	7.78E-04	7.78E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Formaldehyde	2.75E-01	2.75E-01	4.21E-01	4.57E-01	4.45E-01	5.02E-01	5.55E-01	5.55E-01	5.55E-01	6.74E-05	1.32E-01	3.90E-02	2.30E-02	2.50E-01	2.50E-01
Wyoming	Campbell County	56005	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.34E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	2.25E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Wyoming	Campbell County	56005	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Wyoming	Campbell County	56005	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Hydrazine	3.56E-10	3.56E-10	5.31E-10	1.50E-09	1.10E-08	1.71E-08	4.34E-08	4.34E-08	4.34E-08	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Lead Compounds	2.51E-06	2.51E-06	3.06E-05	3.95E-05	6.36E-05	1.27E-04	1.36E-04	1.36E-04	1.36E-04	0.00E+00	7.89E-05	0.00E+00	4.44E-05	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Manganese Compounds	1.25E-06	1.25E-06	2.21E-05	3.03E-05	3.36E-05	5.73E-05	6.28E-05	6.28E-05	6.28E-05	1.45E-06	3.01E-05	1.75E-06	3.36E-07	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	1.54E-03	1.40E-07	5.74E-06	7.22E-06	3.60E-06	1.50E-03	1.50E-03
Wyoming	Campbell County	56005	U	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.69E-01	1.71E-01	1.81E-01	2.15E-01	2.15E-01	2.15E-01	0.00E+00	2.09E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Wyoming	Campbell County	56005	U	Nickel Compounds	1.00E-06	1.00E-06	8.80E-06	2.02E-05	2.17E-05	3.55E-05	4.97E-05	4.97E-05	4.97E-05	7.86E-07	1.62E-05	4.06E-06	6.38E-07	0.00E+00	0.00E+00
Wyoming	Campbell County	56005	U																

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...							
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background		
Wyoming	Carbon County	56007	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Beryllium Compounds	2.43E-07	2.43E-07	2.69E-07	3.27E-07	1.54E-06	3.41E-06	3.48E-06	3.48E-06	9.14E-08	1.88E-07	0.00E+00	1.27E-06	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	1,3-Butadiene	1.67E-03	1.67E-03	2.94E-03	1.32E-02	1.05E-02	1.73E-02	1.74E-02	1.74E-02	1.30E-05	3.79E-03	5.23E-03	1.47E-03	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Cadmium Compounds	3.35E-07	3.35E-07	1.63E-06	1.65E-06	3.54E-06	6.38E-06	7.73E-06	7.73E-06	1.87E-06	4.12E-07	0.00E+00	1.26E-06	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.74E-02	4.74E-02	4.74E-02	3.19E-05	1.40E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Carbon County	56007	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Carbon County	56007	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.33E-02	8.36E-02	8.36E-02	8.36E-02	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Carbon County	56007	U	Chromium Compounds (includes Hexavalent)	5.59E-07	5.59E-07	7.63E-06	8.18E-06	1.37E-05	2.28E-05	2.95E-05	2.95E-05	9.34E-06	9.59E-07	3.00E-06	4.42E-07	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Chromium VI	2.16E-07	2.16E-07	1.48E-06	1.61E-06	2.94E-06	5.30E-06	6.12E-06	6.12E-06	1.15E-06	5.27E-07	1.12E-06	1.50E-07	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	1,4-Dichlorobenzene	2.70E-05	2.70E-05	1.04E-04	1.04E-04	3.86E-03	9.54E-03	9.54E-03	9.54E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	1,3-Dichloropropene	5.22E-05	5.22E-05	2.02E-04	2.03E-04	7.89E-03	1.95E-02	1.95E-02	1.95E-02	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.24E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Carbon County	56007	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Carbon County	56007	U	Ethylene Oxide	7.87E-08	7.87E-08	1.21E-06	1.95E-06	1.26E-04	3.13E-04	3.13E-04	3.13E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Formaldehyde	2.78E-01	2.78E-01	2.88E-01	3.49E-01	3.43E-01	3.52E-01	4.46E-01	4.46E-01	1.79E-03	5.65E-02	2.03E-02	1.40E-02	2.50E-01	0.00E+00	
Wyoming	Carbon County	56007	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	1.65E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Carbon County	56007	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	2.23E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Carbon County	56007	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Lead Compounds	1.28E-06	1.28E-06	9.89E-06	3.65E-05	1.26E-04	7.83E-05	5.02E-04	5.02E-04	5.35E-06	1.27E-05	0.00E+00	1.08E-04	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Manganese Compounds	2.89E-07	2.89E-07	5.18E-05	5.81E-05	6.12E-05	9.39E-05	1.02E-04	1.02E-04	1.23E-05	4.78E-05	9.53E-07	2.58E-07	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.50E-06	1.09E-06	3.76E-06	2.72E-06	1.50E-03
Wyoming	Carbon County	56007	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.63E-01	1.82E-01	1.82E-01	1.82E-01	8.28E-07	1.31E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Wyoming	Carbon County	56007	U	Nickel Compounds	6.64E-07	6.64E-07	1.74E-05	1.82E-05	3.72E-05	6.57E-05	8.42E-05	8.42E-05	2.52E-05	9.30E-06	2.17E-06	5.65E-07	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.45E-01	1.45E-01	1.45E-01	0.00E+00	2.04E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Wyoming	Carbon County	56007	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	4.00E-04	4.30E-04	4.30E-04	4.30E-04	6.10E-10	2.03E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Wyoming	Carbon County	56007	U	Polycyclic Organic Matter	9.31E-04	9.31E-04	1.00E-03	4.95E-03	7.87E-03	1.57E-02	1.67E-02	1.67E-02	2.30E-04	6.12E-03	9.85E-04	5.37E-04	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	7-PAH	1.79E-04	1.79E-04	3.15E-04	5.87E-04	6.95E-04	5.92E-04	1.80E-03	1.18E-07	6.83E-04	6.17E-06	5.27E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Propylene Dichloride	1.67E-07	1.67E-07	4.07E-07	5.37E-07	7.20E-07	1.24E-06	1.25E-06	1.25E-06	0.00E+00	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	1,1,2,2-Tetrachloroethane	1.45E-06	1.45E-06	3.17E-06	3.21E-06	3.27E-06	3.61E-06	4.90E-06	4.90E-06	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Carbon County	56007	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.23E-02	8.42E-02	8.42E-02	8.42E-02	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Carbon County	56007	U	Vinyl Chloride	3.58E-06	3.58E-06	7.98E-06	8.09E-06	8.12E-06	8.88E-06	1.21E-05	1.21E-05	0.00E+00	8.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Acetaldehyde	1.51E-02	1.51E-02	2.20E-02	3.00E-02	2.93E-02	3.67E-02	4.21E-02	4.21E-02	2.07E-03	1.13E-02	1.27E-02	3.31E-03	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Acrolein	1.59E-02	1.59E-02	1.71E-02	1.87E-02	1.83E-02	1.96E-02	2.00E-02	2.00E-02	4.69E-04	1.53E-02	2.13E-03	4.31E-04	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Acrylonitrile	1.71E-06	1.71E-06	8.84E-06	9.16E-05	1.39E-04	2.70E-04	3.72E-04	3.72E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Arsenic Compounds	1.75E-05	1.75E-05	1.78E-05	2.09E-05	2.51E-05	3.23E-05	4.09E-05	4.09E-05	1.96E-05	6.03E-07	3.94E-06	8.67E-07	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Benzene	5.16E-01	5.16E-01	5.38E-01	5.68E-01	5.73E-01	6.08E-01	6.40E-01	6.40E-01	4.04E-04	3.89E-02	5.02E-02	3.69E-03	4.80E-01	0.00E+00	
Wyoming	Converse County	56009	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Beryllium Compounds	1.43E-06	1.43E-06	1.66E-06	1.92E-06	2.00E-06	2.35E-06	2.76E-06	2.76E-06	1.11E-06	1.56E-07	0.00E+00	7.41E-07	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	1,3-Butadiene	4.93E-03	4.93E-03	6.18E-03	8.10E-03	9.04E-03	1.19E-02	1.50E-02	1.50E-02	1.17E-06	4.47E-03	4.11E-03	4.55E-04	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Cadmium Compounds	3.18E-06	3.18E-06	3.33E-06	3.49E-06	4.27E-06	5.21E-06	6.93E-06	6.93E-06	3.27E-06	2.64E-07	0.00E+00	7.39E-07	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.73E-02	4.74E-02	4.74E-02	6.54E-05	1.08E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Wyoming	Converse County	56009	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Wyoming	Converse County	56009	R	Chloroform	8.31E-02	8.31E-02	8.38E-02	8.51E-02	8.47E-02	8.57E-02	8.58E-02	8.58E-02	0.00E+00	1.74E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Wyoming	Converse County	56009	R	Chromium Compounds (includes Hexavalent)	2.17E-05	2.17E-05	2.33E-05	2.73E-05	3.28E-05	4.23E-05	5.48E-05	5.48E-05	2.95E-05	4.43E-07	2.65E-06	2.27E-07	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Chromium VI	3.83E-06	3.83E-06	4.49E-06	5.53E-06	5.79E-06	7.09E-06	8.29E-06	8.29E-06	4.48E-06	2.10E-07	1.03E-06	7.72E-08	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	1,4-Dichlorobenzene	7.20E-05	7.20E-05	1.02E-03	2.55E-03	2.24E-03	3.46E-03	3.78E-03	3.78E-03	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	1,3-Dichloropropene	1.41E-04	1.41E-04	2.05E-03	5.17E-03	4.53E-03	7.01E-03	7.65E-03	7.65E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Converse County	56009	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.34E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Wyoming	Converse County	56009	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.90E-06	1.61E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Wyoming	Converse County																		

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Wyoming	Converse County	56009	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.91E-06	1.71E-03	0.00E+00	0.00E+00	1.40E-01
Wyoming	Converse County	56009	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.88E-04	3.98E-04	3.96E-04	4.03E-04	4.07E-04	4.07E-04	7.08E-11	1.56E-05	0.00E+00	0.00E+00	3.80E-04
Wyoming	Converse County	56009	R	Polycyclic Organic Matter	1.84E-03	1.84E-03	3.27E-03	5.74E-03	5.19E-03	7.11E-03	7.42E-03	7.42E-03	5.75E-05	4.04E-03	8.78E-04	2.09E-04	0.00E+00
Wyoming	Converse County	56009	R	7-PAH	6.03E-04	6.03E-04	6.60E-04	7.50E-04	7.23E-04	7.86E-04	7.91E-04	7.91E-04	3.94E-08	7.15E-04	5.63E-06	2.17E-06	0.00E+00
Wyoming	Converse County	56009	R	Propylene Dichloride	9.47E-08	9.47E-08	3.05E-07	5.22E-06	8.18E-06	1.61E-05	2.22E-05	2.22E-05	0.00E+00	8.18E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Converse County	56009	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-11	1.11E-10	2.22E-10	2.22E-10	0.00E+00	5.55E-11	0.00E+00	0.00E+00	0.00E+00
Wyoming	Converse County	56009	R	1,1,2,2-Tetrachloroethane	7.64E-07	7.64E-07	7.79E-07	4.50E-05	7.28E-05	1.45E-04	2.01E-04	2.01E-04	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Converse County	56009	R	Trichloroethylene	8.10E-02	8.10E-02	8.13E-02	8.18E-02	8.17E-02	8.21E-02	8.21E-02	8.21E-02	0.00E+00	7.05E-04	0.00E+00	0.00E+00	8.10E-02
Wyoming	Converse County	56009	R	Vinyl Chloride	1.96E-06	1.96E-06	1.96E-06	1.11E-04	1.79E-04	3.57E-04	4.94E-04	4.94E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Acetaldehyde	1.11E-02	1.11E-02	1.11E-02	1.79E-02	1.79E-02	2.47E-02	2.47E-02	2.47E-02	2.17E-08	1.03E-02	4.47E-03	3.17E-03	0.00E+00
Wyoming	Crook County	56011	R	Acrolein	8.20E-03	8.20E-03	8.20E-03	1.36E-02	1.36E-02	1.91E-02	1.91E-02	1.91E-02	8.87E-09	1.27E-02	7.51E-04	1.80E-04	0.00E+00
Wyoming	Crook County	56011	R	Acrylonitrile	1.23E-06	1.23E-06	1.23E-06	2.62E-06	2.62E-06	4.02E-06	4.02E-06	4.02E-06	0.00E+00	2.62E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Arsenic Compounds	9.14E-07	9.14E-07	9.14E-07	2.78E-06	2.78E-06	4.64E-06	4.64E-06	4.64E-06	1.09E-06	1.44E-07	1.11E-06	4.33E-07	0.00E+00
Wyoming	Crook County	56011	R	Benzene	5.02E-01	5.02E-01	5.02E-01	5.19E-01	5.19E-01	5.35E-01	5.35E-01	5.35E-01	5.51E-08	2.55E-02	1.14E-02	1.69E-03	4.80E-01
Wyoming	Crook County	56011	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Beryllium Compounds	1.36E-07	1.36E-07	1.36E-07	1.57E-07	1.57E-07	1.78E-07	1.78E-07	1.78E-07	7.46E-10	2.54E-08	0.00E+00	1.31E-07	0.00E+00
Wyoming	Crook County	56011	R	1,3-Butadiene	2.47E-03	2.47E-03	2.47E-03	5.28E-03	5.28E-03	8.09E-03	8.09E-03	8.09E-03	0.00E+00	4.46E-03	6.76E-04	1.45E-04	0.00E+00
Wyoming	Crook County	56011	R	Cadmium Compounds	1.48E-07	1.48E-07	1.48E-07	1.62E-07	1.62E-07	1.77E-07	1.77E-07	1.77E-07	1.85E-09	3.02E-08	0.00E+00	1.30E-07	0.00E+00
Wyoming	Crook County	56011	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	5.51E-09	4.31E-06	0.00E+00	0.00E+00	4.70E-02
Wyoming	Crook County	56011	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.04E-06	0.00E+00	0.00E+00	8.80E-01
Wyoming	Crook County	56011	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	9.12E-06	0.00E+00	0.00E+00	8.30E-02
Wyoming	Crook County	56011	R	Chromium Compounds (includes Hexavalent)	4.20E-07	4.20E-07	4.20E-07	1.12E-06	1.12E-06	1.81E-06	1.81E-06	1.81E-06	3.96E-08	3.76E-07	6.52E-07	4.75E-08	0.00E+00
Wyoming	Crook County	56011	R	Chromium VI	1.65E-07	1.65E-07	1.65E-07	3.65E-07	3.65E-07	5.65E-07	5.65E-07	5.65E-07	1.20E-08	7.64E-08	2.60E-07	1.61E-08	0.00E+00
Wyoming	Crook County	56011	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	1,4-Dichlorobenzene	6.93E-05	6.93E-05	6.93E-05	1.05E-04	1.05E-04	1.41E-04	1.41E-04	1.41E-04	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	1,3-Dichloropropene	1.37E-04	1.37E-04	1.37E-04	2.10E-04	2.10E-04	2.82E-04	2.82E-04	2.82E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.27E-09	0.00E+00	0.00E+00	7.70E-03
Wyoming	Crook County	56011	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	1.69E-09	2.85E-07	0.00E+00	0.00E+00	6.10E-02
Wyoming	Crook County	56011	R	Ethylene Oxide	2.09E-06	2.09E-06	2.09E-06	2.41E-06	2.41E-06	2.74E-06	2.74E-06	2.74E-06	0.00E+00	2.41E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Formaldehyde	2.87E-01	2.87E-01	2.87E-01	3.14E-01	3.14E-01	3.42E-01	3.42E-01	3.42E-01	7.80E-09	5.47E-02	4.84E-03	4.83E-03	2.50E-01
Wyoming	Crook County	56011	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	2.07E-08	0.00E+00	0.00E+00	9.30E-05
Wyoming	Crook County	56011	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.40E-10	0.00E+00	0.00E+00	1.80E-03
Wyoming	Crook County	56011	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.29E-16	2.29E-16	4.58E-16	4.58E-16	4.58E-16	0.00E+00	2.29E-16	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Lead Compounds	5.45E-07	5.45E-07	5.45E-07	7.06E-07	7.06E-07	8.67E-07	8.67E-07	8.67E-07	1.51E-08	1.94E-07	0.00E+00	4.97E-07	0.00E+00
Wyoming	Crook County	56011	R	Manganese Compounds	2.51E-07	2.51E-07	2.51E-07	1.20E-06	1.20E-06	2.15E-06	2.15E-06	2.15E-06	2.33E-08	9.23E-07	2.06E-07	4.54E-08	0.00E+00
Wyoming	Crook County	56011	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.24E-07	1.31E-06	5.19E-07	1.50E-03
Wyoming	Crook County	56011	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.11E-08	4.06E-04	0.00E+00	0.00E+00	1.50E-01
Wyoming	Crook County	56011	R	Nickel Compounds	6.12E-07	6.12E-07	6.12E-07	1.48E-06	1.48E-06	2.34E-06	2.34E-06	2.34E-06	9.71E-09	8.92E-07	4.93E-07	8.28E-08	0.00E+00
Wyoming	Crook County	56011	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.64E-09	5.09E-05	0.00E+00	0.00E+00	1.40E-01
Wyoming	Crook County	56011	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.18E-06	0.00E+00	0.00E+00	3.80E-04
Wyoming	Crook County	56011	R	Polycyclic Organic Matter	1.00E-03	1.00E-03	1.00E-03	1.70E-03	1.70E-03	2.40E-03	2.40E-03	2.40E-03	7.32E-10	1.45E-03	2.04E-04	4.30E-05	0.00E+00
Wyoming	Crook County	56011	R	7-PAH	2.92E-04	2.92E-04	2.92E-04	5.13E-04	5.13E-04	7.34E-04	7.34E-04	7.34E-04	1.50E-11	5.10E-04	1.68E-06	7.08E-07	0.00E+00
Wyoming	Crook County	56011	R	Propylene Dichloride	5.96E-08	5.96E-08	5.96E-08	1.48E-07	1.48E-07	2.36E-07	2.36E-07	2.36E-07	0.00E+00	1.48E-07	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	7.25E-15	7.25E-15	1.45E-14	1.45E-14	1.45E-14	0.00E+00	7.25E-15	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	1,1,2,2-Tetrachloroethane	4.18E-07	4.18E-07	4.18E-07	1.26E-06	1.26E-06	2.10E-06	2.10E-06	2.10E-06	0.00E+00	1.26E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Crook County	56011	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	2.90E-05	0.00E+00	0.00E+00	8.10E-02
Wyoming	Crook County	56011	R	Vinyl Chloride	1.03E-06	1.03E-06	1.03E-06	3.10E-06	3.10E-06	5.17E-06	5.17E-06	5.17E-06	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Acetaldehyde	1.46E-02	1.46E-02	1.98E-02	4.03E-02	3.75E-02	4.69E-02	7.79E-02	7.79E-02	0.00E+00	1.74E-02	1.53E-02	4.84E-03	0.00E+00
Wyoming	Fremont County	56013	R	Acrolein	1.40E-02	1.40E-02	2.63E-02	2.89E-02	2.85E-02	3.41E-02	3.72E-02	3.72E-02	0.00E+00	2.48E-02	3.14E-03	6.08E-04	0.00E+00
Wyoming	Fremont County	56013	R	Acrylonitrile	1.95E-07	1.95E-07	8.59E-06	2.62E-05	3.53E-05	4.65E-05	1.37E-04	1.37E-04	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Arsenic Compounds	1.50E-07	1.50E-07	1.82E-06	8.40E-06	8.49E-06	1.25E-05	2.62E-05	2.62E-05	0.00E+00	1.88E-06	4.59E-06	2.02E-06	0.00E+00
Wyoming	Fremont County	56013	R	Benzene	5.20E-01	5.20E-01	5.37E-01	6.37E-01	6.41E-01	6.79E-01	6.79E-01	9.26E-01	0.00E+00	7.81E-02	7.21E-02	1.12E-02	4.80E-01
Wyoming	Fremont County	56013	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Beryllium Compounds	4.18E-09	4.18E-09	9.80E-08	4.48E-07	5.59E-07	8.21E-07	2.10E-06	2.10E-06	0.00E+00	4.96E-07	0.00E+00	6.29E-08	0.00E+00
Wyoming	Fremont County	56013	R	1,3-Butadiene	3.70E-03	3.70E-03	9.53E-03	1.04E-02	1.29E-02	1.66E-02	3.13E-02	3.13E-02	0.00E+00	5.90E-03	5.82E-03	1.17E-03	0.00E+00
Wyoming	Fremont County	56013	R	Cadmium Compounds	1.44E-08	1.44E-08	1.27E-0										

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...							
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Fremont County	56013	R	1,3-Dichloropropene	8.76E-05	8.76E-05	5.55E-04	1.11E-02	1.02E-02	1.33E-02	3.76E-02	3.76E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.63E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Wyoming	Fremont County	56013	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Wyoming	Fremont County	56013	R	Ethylene Oxide	2.04E-07	2.04E-07	8.09E-06	9.60E-05	1.53E-04	2.04E-04	4.69E-04	4.69E-04	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Formaldehyde	3.05E-01	3.05E-01	3.69E-01	3.82E-01	3.79E-01	4.07E-01	4.53E-01	4.53E-01	0.00E+00	9.46E-02	2.51E-02	9.56E-03	2.50E-01	3.05E-01
Wyoming	Fremont County	56013	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.34E-05	9.34E-05	9.34E-05	9.44E-05	9.44E-05	0.00E+00	3.74E-07	0.00E+00	0.00E+00	9.30E-05	9.30E-05
Wyoming	Fremont County	56013	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	4.53E-08	0.00E+00	0.00E+00	1.80E-03	1.80E-03
Wyoming	Fremont County	56013	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	Lead Compounds	9.24E-07	9.24E-07	7.38E-06	3.12E-05	5.66E-05	9.56E-05	1.56E-04	1.56E-04	0.00E+00	2.32E-05	0.00E+00	3.34E-05	0.00E+00	9.24E-07
Wyoming	Fremont County	56013	R	Manganese Compounds	1.09E-07	1.09E-07	6.11E-07	4.41E-06	5.05E-06	7.26E-06	1.64E-05	1.64E-05	0.00E+00	3.69E-06	1.18E-06	1.85E-07	0.00E+00	1.09E-07
Wyoming	Fremont County	56013	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	0.00E+00	2.63E-06	4.70E-06	1.71E-06	1.71E-06	1.50E-03
Wyoming	Fremont County	56013	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.72E-01	1.75E-01	1.78E-01	2.68E-01	2.68E-01	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.50E-01	1.50E-01
Wyoming	Fremont County	56013	R	Nickel Compounds	2.23E-07	2.23E-07	1.35E-06	1.76E-05	1.95E-05	1.90E-05	9.25E-05	9.25E-05	0.00E+00	1.66E-05	2.64E-06	3.03E-07	0.00E+00	2.23E-07
Wyoming	Fremont County	56013	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.43E-01	1.43E-01	1.43E-01	1.51E-01	1.51E-01	0.00E+00	2.80E-03	0.00E+00	0.00E+00	1.40E-01	1.40E-01
Wyoming	Fremont County	56013	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.82E-04	4.25E-04	4.23E-04	4.39E-04	5.43E-04	5.43E-04	0.00E+00	4.32E-05	0.00E+00	0.00E+00	3.80E-04	3.80E-04
Wyoming	Fremont County	56013	R	Polycyclic Organic Matter	2.02E-03	2.02E-03	3.01E-03	1.04E-02	1.02E-02	1.30E-02	2.86E-02	2.86E-02	0.00E+00	7.77E-03	1.18E-03	2.33E-04	0.00E+00	2.02E-03
Wyoming	Fremont County	56013	R	7-PAH	4.95E-04	4.95E-04	1.12E-03	1.25E-03	1.24E-03	1.55E-03	1.89E-03	1.89E-03	0.00E+00	1.23E-03	7.61E-06	2.27E-06	0.00E+00	4.95E-04
Wyoming	Fremont County	56013	R	Propylene Dichloride	5.79E-09	5.79E-09	4.97E-07	9.64E-07	1.36E-06	1.75E-06	4.29E-06	4.29E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00	5.79E-09
Wyoming	Fremont County	56013	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Fremont County	56013	R	1,1,2,2-Tetrachloroethane	9.07E-10	9.07E-10	3.43E-06	4.36E-06	5.70E-06	6.69E-06	1.92E-05	1.92E-05	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00	9.07E-10
Wyoming	Fremont County	56013	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.25E-02	8.33E-02	8.29E-02	9.30E-02	9.30E-02	0.00E+00	2.29E-03	0.00E+00	0.00E+00	8.10E-02	8.10E-02
Wyoming	Fremont County	56013	R	Vinyl Chloride	3.35E-09	3.35E-09	8.55E-06	1.09E-05	1.42E-05	1.67E-05	4.74E-05	4.74E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	3.35E-09
Wyoming	Goshen County	56015	R	Acetaldehyde	1.10E-02	1.10E-02	1.81E-02	5.19E-02	4.91E-02	8.01E-02	8.17E-02	8.17E-02	2.43E-05	2.80E-02	9.68E-03	1.14E-02	0.00E+00	1.10E-02
Wyoming	Goshen County	56015	R	Acrolein	9.55E-03	9.55E-03	1.01E-02	1.93E-02	2.15E-02	3.30E-02	3.79E-02	3.79E-02	4.87E-06	1.85E-02	2.11E-03	8.83E-04	0.00E+00	9.55E-03
Wyoming	Goshen County	56015	R	Acrylonitrile	1.23E-05	1.23E-05	2.40E-05	3.60E-05	3.15E-05	3.91E-05	4.19E-05	4.19E-05	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05
Wyoming	Goshen County	56015	R	Arsenic Compounds	5.40E-06	5.40E-06	9.73E-06	2.33E-05	3.07E-05	5.17E-05	7.08E-05	7.08E-05	2.42E-05	7.00E-07	3.31E-06	2.48E-06	0.00E+00	5.40E-06
Wyoming	Goshen County	56015	R	Benzene	5.06E-01	5.06E-01	5.07E-01	5.65E-01	5.69E-01	6.32E-01	6.42E-01	6.42E-01	2.36E-05	4.33E-02	3.95E-02	6.67E-03	4.80E-01	5.06E-01
Wyoming	Goshen County	56015	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Goshen County	56015	R	Beryllium Compounds	8.59E-07	8.59E-07	1.56E-06	2.63E-06	2.58E-06	3.60E-06	4.20E-06	4.20E-06	1.28E-06	1.33E-07	0.00E+00	1.17E-06	0.00E+00	8.59E-07
Wyoming	Goshen County	56015	R	1,3-Butadiene	2.34E-03	2.34E-03	2.80E-03	7.39E-03	9.16E-03	1.55E-02	1.95E-02	1.95E-02	0.00E+00	5.53E-03	2.88E-03	7.42E-04	0.00E+00	2.34E-03
Wyoming	Goshen County	56015	R	Cadmium Compounds	7.25E-07	7.25E-07	9.39E-07	1.97E-06	2.32E-06	3.70E-06	4.60E-06	4.60E-06	9.06E-07	2.47E-07	0.00E+00	1.17E-06	0.00E+00	7.25E-07
Wyoming	Goshen County	56015	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.74E-02	4.76E-02	4.76E-02	2.36E-06	2.19E-04	0.00E+00	0.00E+00	4.70E-02	4.70E-02
Wyoming	Goshen County	56015	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.02E-05	0.00E+00	0.00E+00	8.80E-01	8.80E-01
Wyoming	Goshen County	56015	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.33E-02	8.35E-02	8.36E-02	8.36E-02	0.00E+00	3.01E-04	0.00E+00	0.00E+00	8.30E-02	8.30E-02
Wyoming	Goshen County	56015	R	Chromium Compounds (includes Hexavalent)	3.03E-06	3.03E-06	5.43E-06	1.30E-05	2.27E-05	4.00E-05	6.18E-05	6.18E-05	1.96E-05	5.52E-07	2.15E-06	3.64E-07	0.00E+00	3.03E-06
Wyoming	Goshen County	56015	R	Chromium VI	1.55E-06	1.55E-06	2.61E-06	5.56E-06	5.49E-06	8.37E-06	9.31E-06	9.31E-06	4.23E-06	2.84E-07	8.51E-07	1.24E-07	0.00E+00	1.55E-06
Wyoming	Goshen County	56015	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Goshen County	56015	R	1,4-Dichlorobenzene	1.45E-04	1.45E-04	2.10E-04	1.52E-03	1.67E-03	3.14E-03	3.51E-03	3.51E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	1.45E-04
Wyoming	Goshen County	56015	R	1,3-Dichloropropene	2.80E-04	2.80E-04	4.04E-04	3.05E-03	3.38E-03	6.35E-03	7.13E-03	7.13E-03	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	2.80E-04
Wyoming	Goshen County	56015	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.49E-08	0.00E+00	0.00E+00	7.70E-03	7.70E-03
Wyoming	Goshen County	56015	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	7.25E-07	4.18E-06	0.00E+00	0.00E+00	6.10E-02	6.10E-02
Wyoming	Goshen County	56015	R	Ethylene Oxide	2.49E-06	2.49E-06	3.69E-06	3.97E-05	6.75E-05	1.31E-04	1.88E-04	1.88E-04	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-06
Wyoming	Goshen County	56015	R	Formaldehyde	2.96E-01	2.96E-01	3.03E-01	3.74E-01	3.71E-01	4.38E-01	4.38E-01	4.38E-01	4.89E-06	8.80E-02	1.45E-02	1.79E-02	2.50E-01	2.96E-01
Wyoming	Goshen County	56015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.73E-07	0.00E+00	0.00E+00	9.30E-05	9.30E-05
Wyoming	Goshen County	56015	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.13E-08	0.00E+00	0.00E+00	1.80E-03	1.80E-03
Wyoming	Goshen County	56015	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Goshen County	56015	R	Hydrazine	1.33E-10	1.33E-10	1.53E-10	2.39E-09	1.46E-08	2.90E-08	5.33E-08	5.33E-08	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	1.33E-10
Wyoming	Goshen County	56015	R	Lead Compounds	1.27E-05	1.27E-05	8.55E-05	2.56E-04	3.18E-04	5.50E-04	7.47E-04	7.47E-04	1.92E-04	2.63E-05	0.00E+00	9.96E-05	0.00E+00	1.27E-05
Wyoming	Goshen County	56015	R	Manganese Compounds	4.78E-06	4.78E-06	7.17E-06	1.86E-05	2.20E-04	4.32E-04	8.37E-04	8.37E-04	2.17E-04	1.41E-06	7.38E-07	2.92E-07	0.00E+00	4.78E-06
Wyoming	Goshen County	56015	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	4.63E-06	5.89E-07	3.69E-06	3.48E-06	1.50E-03	1.50E-03
Wyoming	Goshen County	56015	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.56E-01	1.57E-01	1.63E-01	1.66E-01	1.66E-01	5.16E-06	7.12E-03	0.00E+00	0.00E+00	1.50E-01	1.51E-01
Wyoming	Goshen County	56015	R	Nickel Compounds	3.89E-06	3.89E-06	1.02E-05	2.05E-05	2.44E-05	3.87E-05	5.28E-05	5.28E-05	1.76E-05	4.63E-06	1.59E-06	5.72E-07	0.00E+00	3.89E-06
Wyoming	Goshen County	56015	R															

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Hot Springs County	56017	U	Acrylonitrile	1.50E-07	1.50E-07	7.79E-07	1.45E-06	1.14E-05	2.20E-05	4.24E-05	4.24E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Arsenic Compounds	6.16E-08	6.16E-08	1.75E-07	3.32E-07	4.44E-06	8.71E-06	1.70E-05	1.70E-05	0.00E+00	6.47E-07	2.44E-06	1.35E-06	0.00E+00	
Wyoming	Hot Springs County	56017	U	Benzene	5.00E-01	5.00E-01	5.03E-01	5.09E-01	5.50E-01	5.97E-01	6.83E-01	6.83E-01	0.00E+00	3.50E-02	2.98E-02	5.32E-03	4.80E-01	
Wyoming	Hot Springs County	56017	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Hot Springs County	56017	U	Beryllium Compounds	5.91E-09	5.91E-09	2.41E-08	6.88E-08	3.92E-07	7.59E-07	1.42E-06	1.42E-06	0.00E+00	2.54E-07	0.00E+00	1.38E-07	0.00E+00	
Wyoming	Hot Springs County	56017	U	1,3-Butadiene	3.10E-03	3.10E-03	3.90E-03	6.23E-03	8.21E-03	1.25E-02	1.73E-02	1.73E-02	0.00E+00	4.54E-03	2.96E-03	7.10E-04	0.00E+00	
Wyoming	Hot Springs County	56017	U	Cadmium Compounds	7.50E-09	7.50E-09	3.14E-08	8.15E-08	5.29E-07	1.03E-06	1.95E-06	1.95E-06	0.00E+00	3.92E-07	0.00E+00	1.37E-07	0.00E+00	
Wyoming	Hot Springs County	56017	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.75E-02	4.75E-02	0.00E+00	1.17E-04	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Hot Springs County	56017	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.42E-05	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Hot Springs County	56017	U	Chloroform	8.31E-02	8.31E-02	8.34E-02	8.37E-02	1.18E-01	1.52E-01	2.20E-01	2.20E-01	0.00E+00	3.45E-02	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Hot Springs County	56017	U	Chromium Compounds (includes Hexavalent)	2.16E-08	2.16E-08	7.13E-08	1.35E-07	1.96E-06	3.86E-06	7.57E-06	7.57E-06	0.00E+00	4.47E-07	1.42E-06	9.93E-08	0.00E+00	
Wyoming	Hot Springs County	56017	U	Chromium VI	7.54E-09	7.54E-09	2.52E-08	4.73E-08	7.77E-07	1.53E-06	3.01E-06	3.01E-06	0.00E+00	2.40E-07	5.03E-07	3.38E-08	0.00E+00	
Wyoming	Hot Springs County	56017	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	1,4-Dichlorobenzene	5.48E-06	5.48E-06	3.29E-05	6.06E-05	3.23E-03	6.43E-03	1.28E-02	1.28E-02	0.00E+00	3.23E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	1,3-Dichloropropene	1.03E-05	1.03E-05	6.37E-05	1.19E-04	6.61E-03	1.32E-02	2.62E-02	2.62E-02	0.00E+00	6.81E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.08E-10	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Hot Springs County	56017	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.91E-07	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Hot Springs County	56017	U	Ethylene Oxide	7.77E-07	7.77E-07	3.40E-06	6.22E-06	9.51E-05	1.87E-04	3.67E-04	3.67E-04	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Formaldehyde	2.91E-01	2.91E-01	2.98E-01	3.13E-01	3.21E-01	3.44E-01	3.68E-01	3.68E-01	0.00E+00	5.21E-02	1.08E-02	8.41E-03	2.50E-01	
Wyoming	Hot Springs County	56017	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	0.00E+00	1.10E-07	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Hot Springs County	56017	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.87E-08	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Hot Springs County	56017	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Hot Springs County	56017	U	Lead Compounds	5.52E-08	5.52E-08	2.40E-07	1.34E-06	2.77E-06	5.30E-06	8.35E-06	8.35E-06	0.00E+00	1.15E-06	0.00E+00	1.62E-06	0.00E+00	
Wyoming	Hot Springs County	56017	U	Manganese Compounds	2.20E-08	2.20E-08	8.46E-08	1.53E-07	2.13E-06	4.17E-06	8.18E-06	8.18E-06	0.00E+00	1.60E-06	4.04E-07	1.24E-07	0.00E+00	
Wyoming	Hot Springs County	56017	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	0.00E+00	7.22E-07	3.06E-06	1.24E-06	1.50E-03	
Wyoming	Hot Springs County	56017	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.62E-01	1.74E-01	1.98E-01	1.98E-01	0.00E+00	1.22E-02	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Hot Springs County	56017	U	Nickel Compounds	3.48E-08	3.48E-08	1.35E-07	2.37E-07	8.74E-06	1.73E-05	3.44E-05	3.44E-05	0.00E+00	7.30E-06	1.22E-06	2.13E-07	0.00E+00	
Wyoming	Hot Springs County	56017	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.43E-01	1.47E-01	1.47E-01	0.00E+00	1.71E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Hot Springs County	56017	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.93E-04	4.06E-04	4.31E-04	4.31E-04	0.00E+00	1.29E-05	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Hot Springs County	56017	U	Polycyclic Organic Matter	1.07E-03	1.07E-03	1.22E-03	1.46E-03	5.35E-03	9.47E-03	1.74E-02	1.74E-02	0.00E+00	4.71E-03	5.25E-04	1.13E-04	0.00E+00	
Wyoming	Hot Springs County	56017	U	7-PAH	3.72E-04	3.72E-04	4.35E-04	5.70E-04	6.29E-04	8.23E-04	1.00E-03	1.00E-03	0.00E+00	6.25E-04	3.99E-06	1.23E-06	0.00E+00	
Wyoming	Hot Springs County	56017	U	Propylene Dichloride	7.98E-09	7.98E-09	4.34E-08	8.14E-08	3.66E-07	6.89E-07	1.29E-06	1.29E-06	0.00E+00	3.66E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	1,1,2,2-Tetrachloroethane	6.37E-08	6.37E-08	3.65E-07	6.90E-07	5.52E-07	7.64E-07	7.64E-07	7.64E-07	0.00E+00	5.52E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Hot Springs County	56017	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.27E-02	8.44E-02	8.77E-02	8.77E-02	0.00E+00	1.68E-03	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Hot Springs County	56017	U	Vinyl Chloride	1.57E-07	1.57E-07	9.01E-07	1.70E-06	1.42E-06	1.94E-06	2.12E-06	2.12E-06	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Acetaldehyde	2.21E-02	2.21E-02	2.21E-02	3.69E-02	3.69E-02	5.16E-02	5.16E-02	5.16E-02	0.00E+00	1.67E-02	1.61E-02	4.06E-03	0.00E+00	
Wyoming	Johnson County	56019	U	Acrolein	2.80E-02	2.80E-02	2.80E-02	3.08E-02	3.08E-02	3.35E-02	3.35E-02	3.35E-02	0.00E+00	2.73E-02	2.98E-03	4.37E-04	0.00E+00	
Wyoming	Johnson County	56019	U	Acrylonitrile	5.39E-06	5.39E-06	5.39E-06	1.66E-04	1.66E-04	3.27E-04	3.27E-04	3.27E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Arsenic Compounds	2.09E-06	2.09E-06	2.09E-06	7.58E-06	7.58E-06	1.31E-05	1.31E-05	1.31E-05	0.00E+00	7.42E-07	5.52E-06	1.32E-06	0.00E+00	
Wyoming	Johnson County	56019	U	Benzene	5.47E-01	5.47E-01	5.47E-01	6.05E-01	6.05E-01	6.63E-01	6.63E-01	6.63E-01	0.00E+00	6.23E-02	5.59E-02	6.75E-03	4.80E-01	
Wyoming	Johnson County	56019	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Beryllium Compounds	8.93E-09	8.93E-09	8.93E-09	1.74E-07	1.74E-07	3.39E-07	3.39E-07	3.39E-07	0.00E+00	1.49E-07	0.00E+00	2.47E-08	0.00E+00	
Wyoming	Johnson County	56019	U	1,3-Butadiene	7.48E-03	7.48E-03	7.48E-03	1.13E-02	1.13E-02	1.51E-02	1.51E-02	1.51E-02	0.00E+00	6.58E-03	3.99E-03	7.34E-04	0.00E+00	
Wyoming	Johnson County	56019	U	Cadmium Compounds	2.33E-08	2.33E-08	2.33E-08	3.40E-07	3.40E-07	6.57E-07	6.57E-07	6.57E-07	0.00E+00	3.16E-07	0.00E+00	2.45E-08	0.00E+00	
Wyoming	Johnson County	56019	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	1.12E-04	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Johnson County	56019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.14E-05	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Johnson County	56019	U	Chloroform	8.36E-02	8.36E-02	8.36E-02	9.76E-02	9.76E-02	1.12E-01	1.12E-01	1.12E-01	0.00E+00	1.46E-02	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Johnson County	56019	U	Chromium Compounds (includes Hexavalent)	1.18E-06	1.18E-06	1.18E-06	3.86E-06	3.86E-06	6.54E-06	6.54E-06	6.54E-06	0.00E+00	4.99E-07	3.25E-06	1.04E-07	0.00E+00	
Wyoming	Johnson County	56019	U	Chromium VI	4.68E-07	4.68E-07	4.68E-07	1.51E-06	1.51E-06	2.54E-06	2.54E-06	2.54E-06	0.00E+00	2.14E-07	1.26E-06	3.53E-08	0.00E+00	
Wyoming	Johnson County	56019	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	1,4-Dichlorobenzene	7.54E-05	7.54E-05	7.54E-05	2.25E-03	2.25E-03	4.42E-03	4.42E-03	4.42E-03	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	1,3-Dichloropropene	1.45E-04	1.45E-04	1.45E-04	4.54E-03	4.54E-03	8.93E-03	8.93E-03	8.93E-03	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.83E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Johnson County	56019	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.93E-05	0.00E+00	0.00E+00	6.10E-02	
Wyoming																		

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Johnson County	56019	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	2.31E-06	6.48E-06	1.11E-06	1.50E-03	
Wyoming	Johnson County	56019	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.59E-01	1.59E-01	1.68E-01	1.68E-01	1.68E-01	0.00E+00	9.35E-03	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Johnson County	56019	U	Nickel Compounds	1.01E-06	1.01E-06	1.01E-06	6.16E-06	6.16E-06	1.13E-05	1.13E-05	1.13E-05	0.00E+00	3.46E-06	2.50E-06	1.98E-07	0.00E+00	
Wyoming	Johnson County	56019	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.67E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Johnson County	56019	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.96E-04	3.96E-04	4.11E-04	4.11E-04	4.11E-04	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Johnson County	56019	U	Polycyclic Organic Matter	2.94E-03	2.94E-03	2.94E-03	7.09E-03	7.09E-03	1.12E-02	1.12E-02	1.12E-02	0.00E+00	5.83E-03	1.04E-03	2.15E-04	0.00E+00	
Wyoming	Johnson County	56019	U	7-PAH	1.01E-03	1.01E-03	1.01E-03	1.20E-03	1.20E-03	1.39E-03	1.39E-03	1.39E-03	0.00E+00	1.19E-03	8.24E-06	1.69E-06	0.00E+00	
Wyoming	Johnson County	56019	U	Propylene Dichloride	3.20E-07	3.20E-07	3.20E-07	9.80E-06	9.80E-06	1.93E-05	1.93E-05	1.93E-05	0.00E+00	9.80E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	1,1,2,2-Tetrachloroethane	2.87E-06	2.87E-06	2.87E-06	8.76E-05	8.76E-05	1.72E-04	1.72E-04	1.72E-04	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Johnson County	56019	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.19E-02	8.19E-02	8.28E-02	8.28E-02	8.28E-02	0.00E+00	9.23E-04	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Johnson County	56019	U	Vinyl Chloride	7.06E-06	7.06E-06	7.06E-06	2.16E-04	2.16E-04	4.24E-04	4.24E-04	4.24E-04	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Acetaldehyde	1.72E-02	2.14E-02	8.43E-02	1.12E-01	1.05E-01	1.33E-01	1.61E-01	2.11E-01	8.46E-04	1.37E-02	6.58E-02	2.43E-02	0.00E+00	
Wyoming	Laramie County	56021	U	Acrolein	5.79E-03	6.59E-03	1.55E-02	1.85E-02	1.75E-02	1.99E-02	2.38E-02	2.91E-02	6.08E-05	6.58E-03	9.68E-03	1.14E-03	0.00E+00	
Wyoming	Laramie County	56021	U	Acrylonitrile	7.31E-07	8.64E-07	1.44E-06	5.70E-06	5.80E-06	9.42E-06	1.17E-05	1.39E-05	0.00E+00	5.80E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Arsenic Compounds	2.27E-06	3.94E-06	1.62E-05	2.31E-05	2.35E-05	3.04E-05	3.81E-05	5.39E-05	8.92E-07	2.35E-06	1.59E-05	4.39E-06	0.00E+00	
Wyoming	Laramie County	56021	U	Benzene	5.15E-01	5.24E-01	7.35E-01	8.20E-01	8.32E-01	9.27E-01	1.11E+00	1.27E+00	9.39E-03	5.78E-02	2.72E-01	1.28E-02	4.80E-01	
Wyoming	Laramie County	56021	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Beryllium Compounds	3.85E-07	4.87E-07	1.35E-06	1.74E-06	2.89E-06	2.73E-06	8.64E-06	1.30E-05	1.80E-07	8.62E-07	0.00E+00	1.85E-06	0.00E+00	
Wyoming	Laramie County	56021	U	1,3-Butadiene	1.35E-03	2.93E-03	1.43E-02	2.39E-02	2.72E-02	3.90E-02	5.55E-02	6.34E-02	7.22E-05	1.81E-03	2.36E-02	1.70E-03	0.00E+00	
Wyoming	Laramie County	56021	U	Cadmium Compounds	7.20E-07	1.15E-06	2.37E-06	3.98E-06	4.54E-06	5.15E-06	1.02E-05	1.54E-05	1.38E-06	1.31E-06	0.00E+00	1.85E-06	0.00E+00	
Wyoming	Laramie County	56021	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.74E-02	4.75E-02	4.77E-02	4.79E-02	4.82E-02	1.51E-04	3.23E-04	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Laramie County	56021	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.32E-05	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Laramie County	56021	U	Chloroform	8.31E-02	8.32E-02	8.41E-02	8.47E-02	8.45E-02	8.50E-02	8.55E-02	8.57E-02	2.38E-05	1.51E-03	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Laramie County	56021	U	Chromium Compounds (includes Hexavalent)	2.23E-06	3.72E-06	1.44E-05	2.02E-05	2.04E-05	2.65E-05	3.56E-05	4.25E-05	3.86E-06	2.29E-06	1.36E-05	5.73E-07	0.00E+00	
Wyoming	Laramie County	56021	U	Chromium VI	8.15E-07	1.35E-06	5.66E-06	7.92E-06	8.11E-06	1.07E-05	1.40E-05	1.77E-05	1.36E-06	1.10E-06	5.47E-06	1.95E-07	0.00E+00	
Wyoming	Laramie County	56021	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	1,4-Dichlorobenzene	3.35E-04	8.38E-04	8.64E-03	1.23E-02	1.13E-02	1.46E-02	1.82E-02	1.96E-02	0.00E+00	1.13E-02	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	1,3-Dichloropropene	6.53E-04	1.62E-03	1.77E-02	2.52E-02	2.32E-02	2.99E-02	3.73E-02	4.01E-02	0.00E+00	2.32E-02	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.52E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Laramie County	56021	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	3.43E-06	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Laramie County	56021	U	Ethylene Oxide	9.83E-06	3.09E-05	1.08E-04	2.97E-04	4.61E-04	4.95E-04	1.30E-03	2.98E-03	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Formaldehyde	2.85E-01	2.86E-01	3.72E-01	4.21E-01	4.13E-01	4.51E-01	5.02E-01	5.76E-01	6.82E-03	2.93E-02	9.46E-02	3.21E-02	2.50E-01	
Wyoming	Laramie County	56021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	0.00E+00	1.97E-08	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Laramie County	56021	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	9.02E-10	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Laramie County	56021	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Hydrazine	6.90E-10	1.98E-09	4.57E-09	1.64E-08	3.53E-08	6.58E-08	9.50E-08	1.32E-07	0.00E+00	3.53E-08	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Lead Compounds	1.16E-05	3.25E-05	7.98E-05	1.74E-04	4.35E-04	5.49E-04	4.29E-03	3.81E-06	8.77E-05	0.00E+00	3.44E-04	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Manganese Compounds	2.49E-06	4.75E-06	1.67E-05	2.06E-05	2.02E-05	2.48E-05	3.08E-05	4.04E-05	9.41E-06	5.79E-06	4.46E-06	4.92E-07	0.00E+00	
Wyoming	Laramie County	56021	U	Mercury Compounds	1.50E-03	1.50E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.57E-03	8.60E-07	3.50E-06	1.53E-05	5.60E-06	1.50E-03	
Wyoming	Laramie County	56021	U	Methylene Chloride	1.51E-01	1.53E-01	1.74E-01	1.90E-01	1.95E-01	1.98E-01	2.45E-01	3.22E-01	5.59E-06	4.49E-02	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Laramie County	56021	U	Nickel Compounds	3.51E-06	6.62E-06	3.38E-05	4.13E-05	4.63E-05	5.52E-05	8.46E-05	1.44E-04	7.48E-06	2.76E-05	1.02E-05	9.74E-07	0.00E+00	
Wyoming	Laramie County	56021	U	Perchloroethylene	1.41E-01	1.42E-01	1.48E-01	1.56E-01	1.62E-01	1.77E-01	1.89E-01	2.10E-01	0.00E+00	2.24E-02	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Laramie County	56021	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	2.42E-09	2.03E-09	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Laramie County	56021	U	Polycyclic Organic Matter	1.95E-03	2.82E-03	1.60E-02	1.91E-02	1.78E-02	2.42E-02	2.76E-02	2.85E-02	1.04E-03	1.16E-02	4.44E-03	7.40E-04	0.00E+00	
Wyoming	Laramie County	56021	U	7-PAH	1.71E-04	2.48E-04	3.12E-04	3.72E-04	4.54E-04	6.02E-04	7.71E-04	9.09E-04	5.14E-07	4.19E-04	2.86E-05	6.26E-06	0.00E+00	
Wyoming	Laramie County	56021	U	Propylene Dichloride	1.16E-07	1.41E-07	2.58E-07	7.91E-07	1.02E-06	1.68E-06	2.28E-06	3.05E-06	0.00E+00	1.02E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Quinoline	5.44E-09	1.15E-08	1.80E-08	7.01E-08	1.06E-07	1.88E-07	2.57E-07	3.46E-07	0.00E+00	1.06E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	1,1,2,2-Tetrachloroethane	8.22E-08	8.69E-08	1.36E-07	1.83E-07	6.55E-07	3.34E-07	2.20E-06	6.19E-06	0.00E+00	6.55E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Laramie County	56021	U	Trichloroethylene	8.11E-02	8.13E-02	8.32E-02	8.43E-02	8.56E-02	8.57E-02	9.07E-02	1.05E-01	0.00E+00	4.55E-03	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Laramie County	56021	U	Vinyl Chloride	5.41E-07	6.30E-07	1.12E-06	4.45E-06	4.67E-06	6.19E-06	1.04E-05	1.54E-05	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Lincoln County	56023	R	Acetaldehyde	1.08E-02	1.08E-02	1.79E-02	3.56E-02	3.39E-02	5.00E-02	5.37E-02	5.37E-02	7.53E-03	1.47E-02	7.31E-03	4.39E-03	0.00E+00	
Wyoming	Lincoln County	56023	R	Acrolein	4.71E-03	4.71E-03	7.27E-03	1.97E-02	2.19E-02	3.66E-02	4.36E-02	4.36E-02	5.67E-04	1.96E-02	1.41E-03	3.72E-04	0.00E+00	
Wyoming	Lincoln County	56023	R	Acrylonitrile	2.61E-07	2.61E-07	1.18E-06	4.00E-06	4.89E-06	8.60E-06	1.13E-05	1.13E-05	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Lincoln County	56023	R	Arsenic Compounds	9.72E-07	9.72E-07	1.23E-06	4.99E-06	5.13E-06	9.03E-06	9.56E-06	9.56E-06	0.00E+00	1.62E-06	2.54E-06	9.62E-07	0.00E+00	
Wyoming	Lincoln County	56023	R	Benzene	4.95E-01	4.95E-01	5.17E-01	5.45E-01	5.50E-01	5.83E-01	6.16E-01	6.16E-01	3.94E-04	3.96E-02	2.70E-02	3.23E-03	4.80E-01	
Wyoming	Lincoln County	56023	R	Benzidine														

DRAFT FOR REVIEW ONLY
 Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...					
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Wyoming	Lincoln County	56023	R	Chromium VI	2.21E-07	2.21E-07	4.04E-07	1.20E-06	1.39E-06	2.38E-06	2.94E-06	2.94E-06	0.00E+00	7.53E-07	5.84E-07	5.48E-08	0.00E+00
Wyoming	Lincoln County	56023	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	1,4-Dichlorobenzene	7.55E-05	7.55E-05	1.20E-04	8.39E-04	8.92E-04	1.66E-03	1.81E-03	1.81E-03	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	1,3-Dichloropropene	1.48E-04	1.48E-04	2.35E-04	1.76E-03	1.84E-03	3.44E-03	3.70E-03	3.70E-03	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Ethylene Dichloride	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.67E-08	0.00E+00	0.00E+00	7.70E-03
Wyoming	Lincoln County	56023	R	Ethylene Dibromide	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.26E-06	0.00E+00	0.00E+00	6.10E-02
Wyoming	Lincoln County	56023	R	Ethylene Oxide	1.27E-06	1.27E-06	2.04E-06	2.88E-05	3.10E-05	5.99E-05	6.49E-05	6.49E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Formaldehyde	2.75E-01	2.75E-01	3.00E-01	3.53E-01	3.55E-01	4.10E-01	4.39E-01	4.39E-01	1.04E-02	7.75E-02	1.03E-02	6.83E-03	2.50E-01
Wyoming	Lincoln County	56023	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	0.00E+00	7.16E-08	0.00E+00	0.00E+00	9.30E-05
Wyoming	Lincoln County	56023	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	5.43E-09	0.00E+00	0.00E+00	1.80E-03
Wyoming	Lincoln County	56023	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Hydrazine	1.87E-12	1.87E-12	1.87E-12	3.16E-09	3.29E-09	6.58E-09	6.84E-09	6.84E-09	0.00E+00	3.29E-09	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Lead Compounds	1.23E-06	1.23E-06	1.44E-06	5.36E-06	7.43E-06	1.34E-05	1.78E-05	1.78E-05	0.00E+00	4.88E-06	0.00E+00	2.56E-06	0.00E+00
Wyoming	Lincoln County	56023	R	Manganese Compounds	9.70E-06	9.70E-06	1.70E-05	4.71E-05	4.66E-05	7.62E-05	8.25E-05	8.25E-05	0.00E+00	4.60E-05	4.87E-07	1.20E-07	0.00E+00
Wyoming	Lincoln County	56023	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	3.60E-07	2.94E-06	1.41E-06	1.50E-03
Wyoming	Lincoln County	56023	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.53E-01	1.54E-01	1.57E-01	1.57E-01	1.57E-01	0.00E+00	3.52E-03	0.00E+00	0.00E+00	1.50E-01
Wyoming	Lincoln County	56023	R	Nickel Compounds	1.14E-06	1.14E-06	3.39E-06	8.73E-06	1.06E-05	1.77E-05	2.36E-05	2.36E-05	0.00E+00	9.18E-06	1.13E-06	2.45E-07	0.00E+00
Wyoming	Lincoln County	56023	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	6.21E-04	0.00E+00	0.00E+00	1.40E-01
Wyoming	Lincoln County	56023	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.83E-04	3.85E-04	3.89E-04	3.95E-04	3.95E-04	0.00E+00	5.25E-06	0.00E+00	0.00E+00	3.80E-04
Wyoming	Lincoln County	56023	R	Polycyclic Organic Matter	7.12E-04	7.12E-04	1.90E-03	3.32E-03	4.07E-03	6.24E-03	8.93E-03	8.93E-03	3.87E-04	3.77E-03	4.80E-04	1.32E-04	0.00E+00
Wyoming	Lincoln County	56023	R	7-PAH	1.55E-04	1.55E-04	1.88E-04	6.61E-04	7.82E-04	1.38E-03	1.65E-03	1.65E-03	0.00E+00	7.77E-04	3.68E-06	1.53E-06	0.00E+00
Wyoming	Lincoln County	56023	R	Propylene Dichloride	7.85E-09	7.85E-09	9.17E-08	2.64E-07	3.32E-07	5.73E-07	7.95E-07	7.95E-07	0.00E+00	3.32E-07	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Quinoline	1.17E-11	1.17E-11	1.17E-11	1.84E-08	1.95E-08	3.90E-08	4.12E-08	4.12E-08	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	1,1,2,2-Tetrachloroethane	1.21E-09	1.21E-09	2.87E-09	1.60E-08	6.15E-07	1.23E-06	2.43E-06	2.43E-06	0.00E+00	6.15E-07	0.00E+00	0.00E+00	0.00E+00
Wyoming	Lincoln County	56023	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.13E-02	8.14E-02	8.18E-02	8.21E-02	8.21E-02	0.00E+00	4.27E-04	0.00E+00	0.00E+00	8.10E-02
Wyoming	Lincoln County	56023	R	Vinyl Chloride	4.83E-09	4.83E-09	5.33E-08	6.03E-07	2.29E-06	4.52E-06	7.95E-06	7.95E-06	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Acetaldehyde	9.63E-03	2.55E-02	9.55E-02	1.21E-01	1.23E-01	1.35E-01	2.33E-01	3.04E-01	8.03E-05	3.29E-02	6.11E-02	2.93E-02	0.00E+00
Wyoming	Natrona County	56025	U	Acrolein	3.02E-03	1.90E-02	2.56E-02	3.56E-02	3.27E-02	3.84E-02	4.94E-02	5.29E-02	5.62E-05	2.28E-02	8.39E-03	1.50E-03	0.00E+00
Wyoming	Natrona County	56025	U	Acrilonitrile	2.13E-06	3.39E-06	2.64E-05	3.47E-05	3.94E-05	3.65E-05	8.42E-05	1.72E-04	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Arsenic Compounds	8.71E-07	1.60E-06	1.15E-05	2.98E-05	2.87E-05	3.50E-05	6.89E-05	8.17E-05	4.23E-06	5.40E-06	1.48E-05	4.24E-06	0.00E+00
Wyoming	Natrona County	56025	U	Benzene	5.04E-01	5.23E-01	7.36E-01	8.73E-01	9.21E-01	1.02E+00	1.52E+00	1.71E+00	6.47E-03	1.37E-01	2.59E-01	3.79E-02	4.80E-01
Wyoming	Natrona County	56025	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Beryllium Compounds	4.30E-08	8.46E-08	1.06E-06	1.55E-06	1.68E-06	2.01E-06	2.94E-06	5.14E-06	3.45E-07	1.12E-06	0.00E+00	2.15E-07	0.00E+00
Wyoming	Natrona County	56025	U	1,3-Butadiene	1.56E-03	5.83E-03	1.88E-02	3.08E-02	3.50E-02	3.66E-02	9.47E-02	1.17E-01	9.32E-05	7.01E-03	2.33E-02	4.66E-03	0.00E+00
Wyoming	Natrona County	56025	U	Cadmium Compounds	1.46E-07	2.07E-07	2.29E-06	5.63E-06	7.74E-06	1.01E-05	1.46E-05	3.49E-05	5.42E-06	2.11E-06	0.00E+00	2.14E-07	0.00E+00
Wyoming	Natrona County	56025	U	Carbon Disulfide	4.70E-02	4.71E-02	4.77E-02	4.81E-02	4.87E-02	4.92E-02	5.07E-02	5.35E-02	1.20E-03	4.52E-04	0.00E+00	0.00E+00	4.70E-02
Wyoming	Natrona County	56025	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	0.00E+00	1.67E-04	0.00E+00	0.00E+00	8.80E-01
Wyoming	Natrona County	56025	U	Chloroform	8.32E-02	8.32E-02	9.51E-02	1.04E-01	1.02E-01	1.11E-01	1.13E-01	1.14E-01	0.00E+00	1.89E-02	0.00E+00	0.00E+00	8.30E-02
Wyoming	Natrona County	56025	U	Chromium Compounds (includes Hexavalent)	9.61E-07	1.37E-06	2.01E-05	3.47E-05	3.59E-05	4.58E-05	7.88E-05	1.05E-04	1.17E-05	1.08E-05	1.27E-05	6.25E-07	0.00E+00
Wyoming	Natrona County	56025	U	Chromium VI	4.32E-07	6.23E-07	1.20E-05	1.37E-05	1.60E-05	1.89E-05	3.07E-05	5.93E-05	2.16E-06	8.56E-06	5.08E-06	2.13E-07	0.00E+00
Wyoming	Natrona County	56025	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	1,4-Dichlorobenzene	1.15E-04	1.24E-04	8.84E-03	1.50E-02	1.35E-02	1.91E-02	2.19E-02	2.19E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	1,3-Dichloropropene	2.15E-04	2.41E-04	1.80E-02	3.07E-02	2.75E-02	3.91E-02	4.47E-02	4.48E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	7.70E-03
Wyoming	Natrona County	56025	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	3.12E-07	1.57E-06	0.00E+00	0.00E+00	6.10E-02
Wyoming	Natrona County	56025	U	Ethylene Oxide	2.71E-06	2.90E-06	5.52E-05	2.13E-04	7.23E-04	4.23E-04	1.21E-03	7.63E-03	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Formaldehyde	2.68E-01	3.32E-01	4.02E-01	4.87E-01	4.95E-01	5.15E-01	7.73E-01	8.03E-01	3.32E-04	1.22E-01	9.00E-02	3.29E-02	2.50E-01
Wyoming	Natrona County	56025	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	5.06E-09	0.00E+00	0.00E+00	9.30E-05
Wyoming	Natrona County	56025	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.79E-08	0.00E+00	0.00E+00	1.80E-03
Wyoming	Natrona County	56025	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Hydrazine	4.51E-11	4.93E-11	2.01E-09	2.15E-09	2.57E-09	2.74E-09	7.62E-09	7.90E-09	0.00E+00	2.57E-09	0.00E+00	0.00E+00	0.00E+00
Wyoming	Natrona County	56025	U	Lead Compounds	2.20E-05	2.35E-05	1.90E-04	2.22E-04	2.38E-04	2.83E-04	4.55E-04	5.31E-04	3.80E-05	9.20E-05	0.00E+00	1.08E-04	0.00E+00
Wyoming	Natrona County	56025	U	Manganese Compounds	2.93E-06	5.60E-06	2.71E-04	3.00E-04	9.56E-04	6.20E-04	1.02E-02	4.87E-04	2.42E-05	9.27E-04	4.21E-06	4.66E-07	0.00E+00
Wyoming	Natrona County	56025	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.55E-03	1.55E-03	1.62E-03	1.81E-03	2.94E-05	5.01E-06	1.45E-05	3.45E-06	1.50E-03
Wyoming	Natrona County	56025	U	Methylene Chloride	1.50E-01	1.51E-01	1.79E-01	1.91E-01	1.96E-01	2.05E-01	2.39E-01	2.98E-01	1.42E-05	4.61E-02	0.00E+00	0.00E+00	1.50E-01
Wyoming	Natrona County	56025	U	Nickel Compounds	1.29E-06	1.37E-06	2.85E-05	3.85E-05	4.39E-05	5.64E-05	9.51E-05	1.11E-04	2.10E-05	1.25E-05	9.56E-06	8.34E-07	0.00E+00
Wyoming	Natrona County	56025	U	Perchloroethylene	1.40E-												

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts						Contribution to Average from ...							
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Natrona County	56025	U	Vinyl Chloride	1.89E-06	1.91E-06	2.05E-06	2.28E-06	2.51E-06	2.52E-06	3.96E-06	5.05E-06	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Acetaldehyde	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	0.00E+00	1.29E-02	6.61E-04	2.48E-03	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Acrolein	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	0.00E+00	1.40E-02	1.68E-04	2.99E-04	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Acrylonitrile	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	4.20E-06	0.00E+00	4.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Arsenic Compounds	4.29E-07	4.29E-07	4.29E-07	4.29E-07	4.29E-07	4.29E-07	4.29E-07	4.29E-07	0.00E+00	3.32E-08	2.12E-07	1.84E-07	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Benzene	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	0.00E+00	2.56E-02	2.28E-03	1.80E-03	4.80E-01	0.00E+00
Wyoming	Niobrara County	56027	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Beryllium Compounds	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	4.09E-07	0.00E+00	4.92E-09	0.00E+00	4.04E-07	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	1,3-Butadiene	4.48E-03	4.48E-03	4.48E-03	4.48E-03	4.48E-03	4.48E-03	4.48E-03	4.48E-03	0.00E+00	4.16E-03	1.20E-04	2.02E-04	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Cadmium Compounds	4.15E-07	4.15E-07	4.15E-07	4.15E-07	4.15E-07	4.15E-07	4.15E-07	4.15E-07	0.00E+00	1.21E-08	0.00E+00	4.03E-07	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	0.00E+00	2.71E-06	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Wyoming	Niobrara County	56027	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.67E-06	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Wyoming	Niobrara County	56027	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.99E-04	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Wyoming	Niobrara County	56027	R	Chromium Compounds (includes Hexavalent)	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	0.00E+00	2.26E-08	1.17E-07	1.18E-07	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Chromium VI	9.62E-08	9.62E-08	9.62E-08	9.62E-08	9.62E-08	9.62E-08	9.62E-08	9.62E-08	0.00E+00	8.55E-09	4.75E-08	4.01E-08	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	1,4-Dichlorobenzene	5.51E-05	5.51E-05	5.51E-05	5.51E-05	5.51E-05	5.51E-05	5.51E-05	5.51E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	1,3-Dichloropropene	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	1.09E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	2.24E-09	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Wyoming	Niobrara County	56027	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	4.90E-07	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Wyoming	Niobrara County	56027	R	Ethylene Oxide	2.83E-06	2.83E-06	2.83E-06	2.83E-06	2.83E-06	2.83E-06	2.83E-06	2.83E-06	0.00E+00	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Formaldehyde	3.14E-01	3.14E-01	3.14E-01	3.14E-01	3.14E-01	3.14E-01	3.14E-01	3.14E-01	0.00E+00	5.86E-02	8.84E-04	4.33E-03	2.50E-01	0.00E+00
Wyoming	Niobrara County	56027	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	1.47E-08	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Wyoming	Niobrara County	56027	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.49E-10	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Wyoming	Niobrara County	56027	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Lead Compounds	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	1.56E-06	0.00E+00	4.30E-08	0.00E+00	1.52E-06	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Manganese Compounds	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	1.68E-07	0.00E+00	7.55E-08	4.14E-08	5.10E-08	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	0.00E+00	2.09E-08	2.47E-07	6.42E-07	1.50E-03	0.00E+00
Wyoming	Niobrara County	56027	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.50E-01	0.00E+00	2.21E-04	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Wyoming	Niobrara County	56027	R	Nickel Compounds	2.72E-07	2.72E-07	2.72E-07	2.72E-07	2.72E-07	2.72E-07	2.72E-07	2.72E-07	0.00E+00	5.15E-08	9.55E-08	1.25E-07	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	3.12E-05	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Wyoming	Niobrara County	56027	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	6.33E-07	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Wyoming	Niobrara County	56027	R	Polycyclic Organic Matter	1.58E-03	1.58E-03	1.58E-03	1.58E-03	1.58E-03	1.58E-03	1.58E-03	1.58E-03	0.00E+00	1.46E-03	4.18E-05	7.83E-05	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	7-PAH	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	5.61E-04	0.00E+00	5.59E-04	3.20E-07	1.50E-06	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Propylene Dichloride	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	2.48E-07	0.00E+00	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	1,1,2,2-Tetrachloroethane	2.22E-06	2.22E-06	2.22E-06	2.22E-06	2.22E-06	2.22E-06	2.22E-06	2.22E-06	0.00E+00	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Niobrara County	56027	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.87E-05	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Wyoming	Niobrara County	56027	R	Vinyl Chloride	5.47E-06	5.47E-06	5.47E-06	5.47E-06	5.47E-06	5.47E-06	5.47E-06	5.47E-06	0.00E+00	5.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Acetaldehyde	9.07E-03	9.07E-03	2.00E-02	6.50E-02	4.85E-02	7.30E-02	7.52E-02	7.52E-02	0.00E+00	1.07E-02	2.59E-02	1.19E-02	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Acrolein	1.79E-03	1.79E-03	1.37E-02	2.50E-02	2.13E-02	3.15E-02	3.45E-02	3.45E-02	0.00E+00	1.64E-02	3.53E-03	1.39E-03	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Acrylonitrile	4.34E-06	4.34E-06	1.26E-05	2.10E-05	2.40E-05	3.98E-05	4.22E-05	4.22E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Arsenic Compounds	8.11E-07	8.11E-07	2.09E-06	1.73E-05	1.36E-05	1.89E-05	2.87E-05	2.87E-05	0.00E+00	1.26E-06	9.24E-06	3.07E-06	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Benzene	5.01E-01	5.01E-01	5.31E-01	7.32E-01	6.58E-01	7.47E-01	7.78E-01	7.78E-01	0.00E+00	5.45E-02	1.10E-01	1.34E-02	4.80E-01	0.00E+00
Wyoming	Park County	56029	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Beryllium Compounds	2.32E-08	2.32E-08	8.86E-08	4.18E-07	5.14E-07	8.56E-07	1.19E-06	1.19E-06	0.00E+00	4.74E-07	0.00E+00	4.08E-08	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	1,3-Butadiene	9.95E-04	9.95E-04	7.39E-03	2.39E-02	1.65E-02	2.45E-02	2.58E-02	2.58E-02	0.00E+00	4.30E-03	1.02E-02	1.97E-03	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Cadmium Compounds	5.76E-08	5.76E-08	1.23E-07	7.43E-07	7.32E-07	1.22E-06	1.52E-06	1.52E-06	0.00E+00	6.91E-07	0.00E+00	4.07E-08	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.74E-02	4.74E-02	4.74E-02	0.00E+00	2.18E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Wyoming	Park County	56029	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.68E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Wyoming	Park County	56029	U	Chloroform	8.30E-02	8.30E-02	8.32E-02	8.45E-02	8.42E-02	8.48E-02	8.55E-02	8.55E-02	0.00E+00	1.20E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Wyoming	Park County	56029	U	Chromium Compounds (includes Hexavalent)	4.38E-07	4.38E-07	9.61E-07	9.00E-06	7.10E-06	1.01E-05	1.50E-05	1.50E-05	0.00E+00	8.76E-07	6.04E-06	1.75E-07	0.00E+00	0.00E+00</

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Park County	56029	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Lead Compounds	1.19E-05	1.19E-05	8.33E-05	1.22E-04	9.31E-04	1.38E-04	4.30E-03	4.30E-03	0.00E+00	2.38E-05	0.00E+00	9.07E-04	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Manganese Compounds	6.58E-07	6.58E-07	4.55E-06	6.28E-06	5.72E-06	7.66E-06	9.44E-06	9.44E-06	0.00E+00	3.50E-06	1.95E-06	2.65E-07	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.52E-03	1.52E-03	1.52E-03	1.54E-03	1.54E-03	0.00E+00	3.14E-06	1.03E-05	2.54E-06	1.50E-03	0.00E+00
Wyoming	Park County	56029	U	Methylene Chloride	1.50E-01	1.50E-01	1.53E-01	1.72E-01	1.72E-01	1.87E-01	1.99E-01	1.99E-01	0.00E+00	2.21E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Wyoming	Park County	56029	U	Nickel Compounds	5.89E-07	5.89E-07	2.29E-06	2.42E-05	1.91E-05	3.05E-05	3.80E-05	3.80E-05	0.00E+00	1.42E-05	4.48E-06	4.26E-07	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.43E-01	1.44E-01	1.46E-01	1.46E-01	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Wyoming	Park County	56029	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.83E-04	4.33E-04	4.17E-04	4.41E-04	4.46E-04	4.46E-04	0.00E+00	3.68E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Wyoming	Park County	56029	U	Polycyclic Organic Matter	1.17E-03	1.17E-03	2.64E-03	1.26E-02	9.54E-03	1.40E-02	1.73E-02	1.73E-02	0.00E+00	6.88E-03	1.96E-03	7.02E-04	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	7-PAH	4.53E-05	4.53E-05	5.19E-04	9.47E-04	8.56E-04	1.32E-03	1.45E-03	1.45E-03	0.00E+00	8.38E-04	1.43E-05	4.01E-06	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Propylene Dichloride	1.94E-07	1.94E-07	6.57E-07	7.51E-07	8.55E-07	1.21E-06	1.46E-06	1.46E-06	0.00E+00	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	1,1,2,2-Tetrachloroethane	7.02E-07	7.02E-07	7.03E-07	1.18E-06	2.65E-06	3.85E-06	6.80E-06	6.80E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Park County	56029	U	Trichloroethylene	8.10E-02	8.10E-02	8.12E-02	8.36E-02	8.36E-02	8.59E-02	8.62E-02	8.62E-02	0.00E+00	2.60E-03	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Wyoming	Park County	56029	U	Vinyl Chloride	1.84E-06	1.84E-06	1.95E-06	2.91E-06	6.63E-06	9.67E-06	1.68E-05	1.68E-05	0.00E+00	6.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Acetaldehyde	9.87E-03	9.87E-03	9.87E-03	1.99E-02	1.99E-02	3.00E-02	3.00E-02	3.00E-02	0.00E+00	8.84E-03	5.16E-03	5.90E-03	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Acrolein	6.31E-03	6.31E-03	6.31E-03	1.19E-02	1.19E-02	1.75E-02	1.75E-02	1.75E-02	0.00E+00	1.05E-02	1.06E-03	3.59E-04	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Acrylonitrile	5.90E-06	5.90E-06	5.90E-06	1.02E-05	1.02E-05	1.44E-05	1.44E-05	1.44E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Arsenic Compounds	6.72E-05	6.72E-05	6.72E-05	8.15E-05	8.15E-05	9.59E-05	9.59E-05	9.59E-05	0.00E+00	7.92E-05	1.29E-07	1.60E-06	5.72E-07	0.00E+00
Wyoming	Platte County	56031	R	Benzene	5.03E-01	5.03E-01	5.03E-01	5.19E-01	5.19E-01	5.35E-01	5.35E-01	5.35E-01	0.00E+00	2.04E-02	1.60E-02	2.48E-03	4.80E-01	0.00E+00
Wyoming	Platte County	56031	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Beryllium Compounds	3.76E-06	3.76E-06	3.76E-06	4.74E-06	4.74E-06	5.71E-06	5.71E-06	5.71E-06	0.00E+00	4.14E-06	1.87E-08	0.00E+00	5.74E-07	0.00E+00
Wyoming	Platte County	56031	R	1,3-Butadiene	1.95E-03	1.95E-03	1.95E-03	4.21E-03	4.21E-03	6.47E-03	6.47E-03	6.47E-03	0.00E+00	3.25E-03	9.35E-04	2.13E-04	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Cadmium Compounds	3.56E-07	3.56E-07	3.56E-07	6.19E-07	6.19E-07	8.81E-07	8.81E-07	8.81E-07	0.00E+00	4.65E-08	0.00E+00	5.72E-07	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	0.00E+00	8.83E-06	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Wyoming	Platte County	56031	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.39E-06	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Wyoming	Platte County	56031	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	1.38E-05	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Wyoming	Platte County	56031	R	Chromium Compounds (includes Hexavalent)	6.00E-05	6.00E-05	6.00E-05	7.13E-05	7.13E-05	8.25E-05	8.25E-05	8.25E-05	0.00E+00	7.00E-05	8.65E-08	9.57E-07	1.63E-07	0.00E+00
Wyoming	Platte County	56031	R	Chromium VI	6.84E-06	6.84E-06	6.84E-06	8.17E-06	8.17E-06	9.51E-06	9.51E-06	9.51E-06	0.00E+00	7.71E-06	3.41E-08	3.80E-07	5.53E-08	0.00E+00
Wyoming	Platte County	56031	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	1,4-Dichlorobenzene	1.55E-04	1.55E-04	1.55E-04	1.99E-04	1.99E-04	2.42E-04	2.42E-04	2.42E-04	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	1,3-Dichloropropene	3.08E-04	3.08E-04	3.08E-04	3.96E-04	3.96E-04	4.84E-04	4.84E-04	4.84E-04	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.33E-09	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Wyoming	Platte County	56031	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.17E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Wyoming	Platte County	56031	R	Ethylene Oxide	7.00E-06	7.00E-06	7.00E-06	7.09E-06	7.09E-06	7.19E-06	7.19E-06	7.19E-06	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Formaldehyde	2.79E-01	2.79E-01	2.79E-01	3.10E-01	3.10E-01	3.41E-01	3.41E-01	3.41E-01	0.00E+00	4.58E-02	6.44E-03	7.85E-03	2.50E-01	0.00E+00
Wyoming	Platte County	56031	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	4.68E-08	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Wyoming	Platte County	56031	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.20E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Wyoming	Platte County	56031	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	3.76E-13	3.76E-13	7.52E-13	7.52E-13	7.52E-13	0.00E+00	3.76E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Lead Compounds	6.92E-04	6.92E-04	6.92E-04	8.39E-04	8.39E-04	9.86E-04	9.86E-04	9.86E-04	0.00E+00	8.35E-04	1.46E-06	0.00E+00	2.11E-06	0.00E+00
Wyoming	Platte County	56031	R	Manganese Compounds	7.91E-04	7.91E-04	7.91E-04	9.57E-04	9.57E-04	1.12E-03	1.12E-03	1.12E-03	0.00E+00	9.57E-04	2.71E-07	3.02E-07	9.33E-08	0.00E+00
Wyoming	Platte County	56031	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.35E-05	7.48E-08	1.88E-06	1.18E-06	1.50E-03
Wyoming	Platte County	56031	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	7.62E-04	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Wyoming	Platte County	56031	R	Nickel Compounds	5.19E-05	5.19E-05	5.19E-05	6.20E-05	6.20E-05	7.20E-05	7.20E-05	7.20E-05	0.00E+00	6.01E-05	9.49E-07	7.23E-07	2.05E-07	0.00E+00
Wyoming	Platte County	56031	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Wyoming	Platte County	56031	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.33E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Wyoming	Platte County	56031	R	Polycyclic Organic Matter	1.07E-03	1.07E-03	1.07E-03	1.82E-03	1.82E-03	2.57E-03	2.57E-03	2.57E-03	0.00E+00	1.40E-03	3.00E-04	1.25E-04	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	7-PAH	2.17E-04	2.17E-04	2.17E-04	4.38E-04	4.38E-04	6.58E-04	6.58E-04	6.58E-04	0.00E+00	4.34E-04	2.43E-06	1.78E-06	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Propylene Dichloride	3.33E-07	3.33E-07	3.33E-07	5.95E-07	5.95E-07	8.57E-07	8.57E-07	8.57E-07	0.00E+00	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.44E-11	1.44E-11	2.88E-11	2.88E-11	2.88E-11	0.00E+00	1.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	1,1,2,2-Tetrachloroethane	2.84E-06	2.84E-06	2.84E-06	5.27E-06	5.27E-06	7.71E-06	7.71E-06	7.71E-06	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Platte County	56031	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	6.04E-05	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Wyoming	Platte County	56031																

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Sheridan County	56033	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.68E-04	0.00E+00	0.00E+00	8.80E-01
Wyoming	Sheridan County	56033	U	Chloroform	8.33E-02	8.33E-02	8.38E-02	9.12E-02	9.14E-02	9.90E-02	9.98E-02	9.98E-02	0.00E+00	8.39E-03	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Sheridan County	56033	U	Chromium Compounds (includes Hexavalent)	1.95E-06	1.95E-06	2.46E-06	2.51E-05	1.99E-05	2.94E-05	3.56E-05	3.56E-05	0.00E+00	5.74E-06	1.34E-05	7.73E-07	0.00E+00	
Wyoming	Sheridan County	56033	U	Chromium VI	8.30E-07	8.30E-07	9.85E-07	1.08E-05	8.43E-06	1.23E-05	1.49E-05	1.49E-05	0.00E+00	2.85E-06	5.31E-06	2.63E-07	0.00E+00	
Wyoming	Sheridan County	56033	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	1,4-Dichlorobenzene	4.34E-04	4.34E-04	5.09E-04	1.24E-02	1.24E-02	2.44E-02	2.45E-02	2.45E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	1,3-Dichloropropene	8.60E-04	8.60E-04	9.94E-04	2.52E-02	2.54E-02	4.99E-02	5.00E-02	5.00E-02	0.00E+00	2.54E-02	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	8.37E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Sheridan County	56033	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	2.13E-05	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Sheridan County	56033	U	Ethylene Oxide	1.16E-05	1.16E-05	2.20E-05	1.62E-04	2.14E-04	3.33E-04	5.94E-04	5.94E-04	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Formaldehyde	3.03E-01	3.03E-01	3.93E-01	5.40E-01	5.03E-01	6.17E-01	6.24E-01	6.24E-01	0.00E+00	1.08E-01	8.83E-02	5.63E-02	2.50E-01	
Wyoming	Sheridan County	56033	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.36E-05	9.36E-05	9.42E-05	9.43E-05	9.43E-05	0.00E+00	6.42E-07	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Sheridan County	56033	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	7.61E-08	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Sheridan County	56033	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Lead Compounds	3.82E-05	3.82E-05	1.51E-04	1.80E-03	1.79E-03	2.43E-03	4.54E-03	4.54E-03	0.00E+00	2.20E-04	0.00E+00	1.57E-03	0.00E+00	
Wyoming	Sheridan County	56033	U	Manganese Compounds	1.42E-05	1.42E-05	3.38E-05	2.39E-04	2.22E-04	3.59E-04	4.46E-04	4.46E-04	0.00E+00	2.17E-04	4.29E-06	8.66E-07	0.00E+00	
Wyoming	Sheridan County	56033	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.53E-03	1.55E-03	1.56E-03	1.56E-03	0.00E+00	4.66E-06	1.70E-05	9.31E-06	1.50E-03	
Wyoming	Sheridan County	56033	U	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.92E-01	1.97E-01	2.43E-01	2.52E-01	2.52E-01	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Sheridan County	56033	U	Nickel Compounds	2.17E-06	2.17E-06	2.85E-06	3.50E-05	3.65E-05	6.91E-05	7.47E-05	7.47E-05	0.00E+00	2.15E-05	9.81E-06	1.57E-06	0.00E+00	
Wyoming	Sheridan County	56033	U	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.47E-01	1.48E-01	1.54E-01	1.55E-01	1.55E-01	0.00E+00	7.67E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Sheridan County	56033	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	4.59E-04	4.59E-04	5.32E-04	5.42E-04	5.42E-04	0.00E+00	7.91E-05	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Sheridan County	56033	U	Polycyclic Organic Matter	2.71E-03	2.71E-03	4.88E-03	2.87E-02	2.50E-02	4.01E-02	4.49E-02	4.49E-02	0.00E+00	1.93E-02	4.31E-03	1.44E-03	0.00E+00	
Wyoming	Sheridan County	56033	U	7-PAH	4.63E-04	4.63E-04	1.30E-03	2.09E-03	1.87E-03	2.46E-03	2.79E-03	2.79E-03	0.00E+00	1.83E-03	2.77E-05	1.08E-05	0.00E+00	
Wyoming	Sheridan County	56033	U	Propylene Dichloride	2.66E-07	2.66E-07	9.85E-07	9.03E-06	1.03E-05	2.11E-05	2.15E-05	2.15E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	1,1,2,2-Tetrachloroethane	2.04E-06	2.04E-06	8.57E-06	6.38E-05	8.32E-05	1.75E-04	1.86E-04	1.86E-04	0.00E+00	8.32E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sheridan County	56033	U	Trichloroethylene	8.12E-02	8.12E-02	8.12E-02	8.52E-02	8.63E-02	9.16E-02	9.37E-02	9.37E-02	0.00E+00	5.35E-03	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Sheridan County	56033	U	Vinyl Chloride	5.02E-06	5.02E-06	2.11E-05	1.57E-04	2.05E-04	4.32E-04	4.58E-04	4.58E-04	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Acetaldehyde	2.24E-02	2.24E-02	2.24E-02	2.24E-02	2.24E-02	2.24E-02	2.24E-02	2.24E-02	2.61E-04	1.69E-02	2.11E-03	3.15E-03	0.00E+00	
Wyoming	Sublette County	56035	R	Acrolein	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	4.64E-06	2.79E-02	4.75E-04	3.15E-04	0.00E+00	
Wyoming	Sublette County	56035	R	Acrylonitrile	2.85E-05	2.85E-05	2.85E-05	2.85E-05	2.85E-05	2.85E-05	2.85E-05	2.85E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Arsenic Compounds	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	1.08E-06	0.00E+00	7.27E-08	5.21E-07	4.91E-07	0.00E+00	
Wyoming	Sublette County	56035	R	Benzene	5.48E-01	5.48E-01	5.48E-01	5.48E-01	5.48E-01	5.48E-01	5.48E-01	5.48E-01	1.62E-07	5.82E-02	5.87E-03	3.99E-03	4.80E-01	
Wyoming	Sublette County	56035	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Beryllium Compounds	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	0.00E+00	9.91E-09	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	1,3-Butadiene	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	2.55E-07	6.67E-03	2.66E-04	1.98E-04	0.00E+00	
Wyoming	Sublette County	56035	R	Cadmium Compounds	3.31E-08	3.31E-08	3.31E-08	3.31E-08	3.31E-08	3.31E-08	3.31E-08	3.31E-08	0.00E+00	3.31E-08	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	0.00E+00	2.36E-05	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Sublette County	56035	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.88E-06	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Sublette County	56035	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	2.24E-04	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Sublette County	56035	R	Chromium Compounds (includes Hexavalent)	4.07E-07	4.07E-07	4.07E-07	4.07E-07	4.07E-07	4.07E-07	4.07E-07	4.07E-07	0.00E+00	4.99E-08	3.24E-07	3.36E-08	0.00E+00	
Wyoming	Sublette County	56035	R	Chromium VI	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	1.62E-07	0.00E+00	1.85E-08	1.32E-07	1.14E-08	0.00E+00	
Wyoming	Sublette County	56035	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	1,4-Dichlorobenzene	1.23E-04	1.23E-04	1.23E-04	1.23E-04	1.23E-04	1.23E-04	1.23E-04	1.23E-04	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	1,3-Dichloropropene	2.38E-04	2.38E-04	2.38E-04	2.38E-04	2.38E-04	2.38E-04	2.38E-04	2.38E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	1.57E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Sublette County	56035	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	8.07E-06	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Sublette County	56035	R	Ethylene Oxide	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07	0.00E+00	2.58E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Formaldehyde	3.68E-01	3.68E-01	3.68E-01	3.68E-01	3.68E-01	3.68E-01	3.68E-01	3.68E-01	4.89E-03	1.06E-01	2.41E-03	4.56E-03	2.50E-01	
Wyoming	Sublette County	56035	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.40E-08	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Sublette County	56035	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	8.03E-10	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Sublette County	56035	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Sublette County	56035	R	Lead Compounds	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	1.88E-05	0.00E+00	1.10E-06	0.00E+00	1.77E-05	0.00E+00	
Wyoming	Sublette County	56035	R	Manganese Compounds	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	3.45E-07	0.00E+00	2.03E-07	9.66E-08	4.36E-08	0.00E+00	
Wyoming	Sublette County	56035</																

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts							Contribution to Average from ...						
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Sublette County	56035	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sublette County	56035	R	1,1,2,2-Tetrachloroethane	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	1.55E-05	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sublette County	56035	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	5.86E-05	0.00E+00	0.00E+00	8.10E-02
Wyoming	Sublette County	56035	R	Vinyl Chloride	3.83E-05	3.83E-05	3.83E-05	3.83E-05	3.83E-05	3.83E-05	3.83E-05	3.83E-05	3.83E-05	0.00E+00	3.83E-05	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Acetaldehyde	3.03E-02	3.31E-02	4.57E-02	1.06E-01	1.12E-01	1.24E-01	2.55E-01	2.85E-01	7.14E-03	2.36E-02	3.78E-02	4.38E-02	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Acrolein	2.25E-02	2.67E-02	3.60E-02	4.06E-02	4.34E-02	5.53E-02	6.61E-02	6.61E-02	2.17E-02	1.30E-02	6.92E-03	1.87E-03	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Acrylonitrile	2.04E-06	2.48E-06	8.41E-06	3.90E-05	3.54E-05	5.21E-05	6.86E-05	7.63E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Arsenic Compounds	8.82E-06	1.08E-05	3.14E-05	4.23E-05	4.42E-05	6.01E-05	6.48E-05	8.56E-05	2.65E-05	2.59E-06	8.75E-06	6.37E-06	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Benzene	5.27E-01	5.32E-01	5.57E-01	6.44E-01	7.40E-01	8.08E-01	9.84E-01	1.45E+00	1.13E-03	9.27E-02	1.49E-01	1.70E-02	4.80E-01	0.00E+00
Wyoming	Sweetwater County	56037	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Beryllium Compounds	4.80E-07	1.16E-06	1.65E-06	3.36E-06	4.01E-06	6.22E-06	8.21E-06	9.76E-06	2.00E-07	5.26E-07	0.00E+00	3.29E-06	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	1,3-Butadiene	4.48E-03	5.63E-03	9.32E-03	1.52E-02	1.89E-02	2.50E-02	2.93E-02	2.93E-02	2.24E-03	3.12E-03	1.14E-02	2.10E-03	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Cadmium Compounds	5.21E-07	1.72E-06	2.41E-06	4.32E-06	5.51E-06	8.07E-06	1.23E-05	1.29E-05	4.96E-07	1.73E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.74E-02	4.76E-02	4.77E-02	1.58E-05	2.30E-04	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Wyoming	Sweetwater County	56037	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	7.92E-05	0.00E+00	0.00E+00	8.80E-01
Wyoming	Sweetwater County	56037	U	Chloroform	8.31E-02	8.36E-02	8.52E-02	8.86E-02	9.53E-02	1.04E-01	1.11E-01	1.26E-01	6.53E-06	1.23E-02	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Wyoming	Sweetwater County	56037	U	Chromium Compounds (includes Hexavalent)	5.89E-06	7.21E-06	4.94E-05	9.71E-05	8.82E-05	1.24E-04	1.43E-04	1.47E-04	7.83E-05	1.73E-06	7.29E-06	9.46E-07	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Chromium VI	3.00E-06	3.71E-06	9.29E-06	1.38E-05	1.37E-05	1.87E-05	2.04E-05	2.69E-05	9.73E-06	7.41E-07	2.90E-06	3.22E-07	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	1,4-Dichlorobenzene	5.77E-05	3.96E-04	1.63E-03	4.24E-03	1.01E-02	1.69E-02	2.41E-02	3.63E-02	0.00E+00	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	1,3-Dichloropropene	1.01E-04	7.79E-04	3.29E-03	8.58E-03	2.05E-02	3.45E-02	4.92E-02	7.43E-02	0.00E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.33E-07	8.46E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Wyoming	Sweetwater County	56037	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	4.86E-06	2.54E-06	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Wyoming	Sweetwater County	56037	U	Ethylene Oxide	2.52E-07	1.35E-05	2.55E-05	6.56E-05	1.10E-04	1.96E-04	2.11E-04	3.83E-04	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Formaldehyde	2.99E-01	3.13E-01	3.22E-01	4.15E-01	4.25E-01	4.88E-01	5.71E-01	6.38E-01	1.16E-02	5.87E-02	5.16E-02	5.34E-02	2.50E-01	0.00E+00
Wyoming	Sweetwater County	56037	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	8.67E-10	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Wyoming	Sweetwater County	56037	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	3.63E-08	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Wyoming	Sweetwater County	56037	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Lead Compounds	1.52E-05	1.66E-05	6.57E-05	1.21E-04	1.21E-04	1.87E-04	2.08E-04	2.10E-04	6.54E-05	3.12E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Manganese Compounds	7.35E-06	8.56E-06	1.06E-05	1.22E-05	1.45E-05	1.88E-05	2.09E-05	2.94E-05	6.62E-06	4.77E-06	2.34E-06	7.54E-07	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.57E-03	1.57E-03	2.20E-06	1.00E-05	8.72E-06	8.89E-06	1.50E-03	0.00E+00
Wyoming	Sweetwater County	56037	U	Methylene Chloride	1.51E-01	1.57E-01	1.63E-01	1.72E-01	1.79E-01	1.90E-01	2.13E-01	2.25E-01	4.05E-03	2.48E-02	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Wyoming	Sweetwater County	56037	U	Nickel Compounds	8.02E-06	9.61E-06	3.99E-05	7.18E-05	7.55E-05	1.03E-04	1.43E-04	1.61E-04	4.18E-05	2.68E-05	5.41E-06	1.54E-06	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.44E-01	1.48E-01	1.50E-01	1.53E-01	4.87E-06	4.44E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Wyoming	Sweetwater County	56037	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Wyoming	Sweetwater County	56037	U	Polycyclic Organic Matter	2.94E-03	3.07E-03	4.45E-03	1.45E-02	2.11E-02	3.05E-02	5.32E-02	6.40E-02	4.68E-03	1.33E-02	2.38E-03	8.20E-04	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	7-PAC	7.84E-05	9.63E-05	1.36E-04	3.01E-04	6.31E-04	1.33E-03	1.52E-03	1.38E-03	4.01E-09	6.07E-04	1.55E-05	8.67E-06	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Propylene Dichloride	6.08E-08	7.38E-08	2.50E-07	1.78E-06	1.52E-06	2.32E-06	2.81E-06	3.29E-06	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	1,1,2,2-Tetrachloroethane	9.53E-09	1.16E-08	3.92E-08	9.75E-06	8.49E-06	1.06E-05	1.22E-05	3.01E-05	0.00E+00	8.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Sweetwater County	56037	U	Trichloroethylene	8.11E-02	8.12E-02	8.14E-02	8.22E-02	8.28E-02	8.38E-02	8.58E-02	8.64E-02	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Wyoming	Sweetwater County	56037	U	Vinyl Chloride	3.52E-08	4.27E-08	1.45E-07	2.42E-05	2.10E-05	2.63E-05	3.02E-05	7.40E-05	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Acetaldehyde	2.25E-02	2.25E-02	2.25E-02	3.49E-02	3.94E-02	6.08E-02	6.08E-02	6.08E-02	0.00E+00	1.81E-02	1.28E-02	8.46E-03	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Acrolein	2.96E-02	2.96E-02	2.96E-02	3.21E-02	3.31E-02	3.77E-02	3.77E-02	3.77E-02	0.00E+00	2.90E-02	2.22E-03	1.88E-03	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Acrylonitrile	7.73E-06	7.73E-06	7.73E-06	1.23E-05	1.27E-05	1.81E-05	1.81E-05	1.81E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Arsenic Compounds	1.44E-06	1.44E-06	1.44E-06	6.54E-06	7.70E-06	1.81E-05	1.81E-05	1.81E-05	0.00E+00	1.86E-06	4.44E-06	2.40E-06	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Benzene	5.49E-01	5.49E-01	5.49E-01	6.19E-01	6.35E-01	7.38E-01	7.38E-01	7.38E-01	0.00E+00	7.09E-02	4.73E-02	3.70E-02	4.80E-01	0.00E+00
Wyoming	Teton County	56039	R	Benzidine	1.18E-14	1.18E-14	1.18E-14	1.49E-14	3.64E-14	8.25E-14	8.25E-14	8.25E-14	0.00E+00	3.64E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Beryllium Compounds	6.65E-08	6.65E-08	6.65E-08	3.38E-07	4.87E-07	1.06E-06	1.06E-06	1.06E-06	0.00E+00	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	1,3-Butadiene	7.02E-03	7.02E-03	7.02E-03	1.45E-02	1.56E-02	2.54E-02	2.54E-02	2.54E-02	0.00E+00	8.20E-03	3.75E-03	3.69E-03	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Cadmium Compounds	2.42E-07	2.42E-07	2.42E-07	9.73E-07	1.59E-06	3.54E-06	3.54E-06	3.54E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02

DRAFT FOR REVIEW ONLY
Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts									Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background	
Wyoming	Teton County	56039	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.33E-05	9.33E-05	9.33E-05	9.33E-05	0.00E+00	1.46E-07	0.00E+00	0.00E+00	9.30E-05
Wyoming	Teton County	56039	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.44E-08	0.00E+00	0.00E+00	1.80E-03
Wyoming	Teton County	56039	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Teton County	56039	R	Lead Compounds	4.74E-05	4.74E-05	4.74E-05	1.40E-04	1.78E-04	3.46E-04	3.46E-04	3.46E-04	0.00E+00	6.47E-05	0.00E+00	1.13E-04	0.00E+00	
Wyoming	Teton County	56039	R	Manganese Compounds	8.61E-06	8.61E-06	8.61E-06	1.31E-05	1.23E-05	1.52E-05	1.52E-05	1.52E-05	0.00E+00	1.12E-05	8.61E-07	2.92E-07	0.00E+00	
Wyoming	Teton County	56039	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	0.00E+00	8.55E-06	5.14E-06	1.74E-06	1.50E-03	
Wyoming	Teton County	56039	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.57E-01	1.59E-01	1.68E-01	1.68E-01	1.68E-01	0.00E+00	8.64E-03	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Teton County	56039	R	Nickel Compounds	1.35E-06	1.35E-06	1.35E-06	1.06E-05	1.22E-05	2.48E-05	2.48E-05	2.48E-05	0.00E+00	9.74E-06	1.96E-06	5.21E-07	0.00E+00	
Wyoming	Teton County	56039	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.45E-01	1.49E-01	1.49E-01	1.49E-01	0.00E+00	5.31E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Teton County	56039	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.94E-04	3.97E-04	4.15E-04	4.15E-04	4.15E-04	0.00E+00	1.69E-05	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Teton County	56039	R	Polycyclic Organic Matter	3.37E-03	3.37E-03	3.37E-03	7.25E-03	8.30E-03	1.43E-02	1.43E-02	1.43E-02	0.00E+00	6.94E-03	8.37E-04	5.28E-04	0.00E+00	
Wyoming	Teton County	56039	R	7-PAH	9.73E-04	9.73E-04	9.73E-04	1.25E-03	1.29E-03	1.64E-03	1.64E-03	1.64E-03	0.00E+00	1.27E-03	6.45E-06	7.54E-06	0.00E+00	
Wyoming	Teton County	56039	R	Propylene Dichloride	2.73E-07	2.73E-07	2.73E-07	5.79E-07	5.23E-07	7.18E-07	7.18E-07	7.18E-07	0.00E+00	5.23E-07	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Teton County	56039	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Teton County	56039	R	1,1,2,2-Tetrachloroethane	7.90E-07	7.90E-07	7.90E-07	8.06E-07	2.65E-06	6.35E-06	6.35E-06	6.35E-06	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Teton County	56039	R	Trichloroethylene	8.33E-02	8.33E-02	8.33E-02	8.37E-02	8.46E-02	8.69E-02	8.69E-02	8.69E-02	0.00E+00	3.62E-03	0.00E+00	0.00E+00	8.10E-02	
Wyoming	Teton County	56039	R	Vinyl Chloride	2.33E-06	2.33E-06	2.33E-06	2.34E-06	7.01E-06	1.64E-05	1.64E-05	1.64E-05	0.00E+00	7.01E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Acetaldehyde	1.63E-02	1.63E-02	1.63E-02	2.38E-02	3.49E-02	6.45E-02	6.45E-02	6.45E-02	8.23E-04	1.18E-02	9.33E-03	1.30E-02	0.00E+00	
Wyoming	Uinta County	56041	U	Acrolein	1.11E-02	1.11E-02	1.11E-02	1.37E-02	1.41E-02	1.76E-02	1.76E-02	1.76E-02	1.24E-04	1.14E-02	2.11E-03	5.31E-04	0.00E+00	
Wyoming	Uinta County	56041	U	Acrylonitrile	2.95E-05	2.95E-05	2.95E-05	5.77E-05	1.09E-04	2.41E-04	2.41E-04	2.41E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Arsenic Compounds	2.21E-06	2.21E-06	2.21E-06	2.30E-06	4.65E-06	9.45E-06	9.45E-06	9.45E-06	0.00E+00	6.29E-07	2.76E-06	1.26E-06	4.00E+00	
Wyoming	Uinta County	56041	U	Benzene	5.19E-01	5.19E-01	5.19E-01	5.34E-01	5.87E-01	7.06E-01	7.06E-01	7.06E-01	6.72E-07	6.04E-02	4.11E-02	5.02E-03	8.00E-01	
Wyoming	Uinta County	56041	U	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Beryllium Compounds	4.10E-07	4.10E-07	4.10E-07	4.33E-07	8.48E-07	1.70E-06	1.70E-06	1.70E-06	0.00E+00	1.31E-07	0.00E+00	7.17E-07	0.00E+00	
Wyoming	Uinta County	56041	U	1,3-Butadiene	3.82E-03	3.82E-03	3.82E-03	5.42E-03	7.74E-03	1.40E-02	1.40E-02	1.40E-02	3.71E-07	4.18E-03	3.01E-03	5.58E-04	0.00E+00	
Wyoming	Uinta County	56041	U	Cadmium Compounds	4.58E-07	4.58E-07	4.58E-07	4.61E-07	9.34E-07	1.88E-06	1.88E-06	1.88E-06	0.00E+00	2.18E-07	0.00E+00	7.16E-07	0.00E+00	
Wyoming	Uinta County	56041	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.81E-02	4.78E-02	4.83E-02	4.83E-02	4.83E-02	6.92E-04	8.94E-05	0.00E+00	0.00E+00	4.70E-02	
Wyoming	Uinta County	56041	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	3.02E-05	0.00E+00	0.00E+00	8.80E-01	
Wyoming	Uinta County	56041	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.34E-02	8.37E-02	8.47E-02	8.47E-02	8.47E-02	1.65E-07	7.24E-04	0.00E+00	0.00E+00	8.30E-02	
Wyoming	Uinta County	56041	U	Chromium Compounds (includes Hexavalent)	1.21E-06	1.21E-06	1.21E-06	1.32E-06	2.72E-06	5.63E-06	5.63E-06	5.63E-06	0.00E+00	4.26E-07	2.07E-06	2.26E-07	0.00E+00	
Wyoming	Uinta County	56041	U	Chromium VI	4.73E-07	4.73E-07	4.73E-07	5.23E-07	1.09E-06	2.28E-06	2.28E-06	2.28E-06	0.00E+00	1.78E-07	8.38E-07	7.69E-08	0.00E+00	
Wyoming	Uinta County	56041	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	1,4-Dichlorobenzene	2.51E-04	2.51E-04	2.51E-04	5.73E-04	1.35E-03	3.23E-03	3.23E-03	3.23E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	1,3-Dichloropropene	4.98E-04	4.98E-04	4.98E-04	1.14E-03	2.73E-03	6.54E-03	6.54E-03	6.54E-03	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	5.98E-08	0.00E+00	0.00E+00	7.70E-03	
Wyoming	Uinta County	56041	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.10E-02	
Wyoming	Uinta County	56041	U	Ethylene Oxide	1.18E-06	1.18E-06	1.18E-06	1.39E-05	1.43E-05	2.78E-05	2.78E-05	2.78E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Formaldehyde	3.03E-01	3.03E-01	3.03E-01	3.21E-01	3.33E-01	3.75E-01	3.75E-01	3.75E-01	5.40E-03	4.98E-02	1.44E-02	1.30E-02	2.50E-01	
Wyoming	Uinta County	56041	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	5.53E-08	0.00E+00	0.00E+00	9.30E-05	
Wyoming	Uinta County	56041	U	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	1.08E-08	0.00E+00	0.00E+00	1.80E-03	
Wyoming	Uinta County	56041	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Hydrazine	9.24E-13	9.24E-13	9.24E-13	5.06E-10	6.60E-10	1.47E-09	1.47E-09	1.47E-09	0.00E+00	6.60E-10	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Lead Compounds	2.80E-05	2.80E-05	2.80E-05	4.71E-05	2.88E-04	7.90E-04	7.90E-04	7.90E-04	0.00E+00	3.14E-05	0.00E+00	2.57E-04	0.00E+00	
Wyoming	Uinta County	56041	U	Manganese Compounds	6.97E-07	6.97E-07	6.97E-07	9.88E-07	1.92E-06	4.07E-06	4.07E-06	4.07E-06	0.00E+00	1.11E-06	6.51E-07	1.61E-07	0.00E+00	
Wyoming	Uinta County	56041	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	4.36E-07	2.94E-06	1.85E-06	1.50E-03	
Wyoming	Uinta County	56041	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.53E-01	1.56E-01	1.66E-01	1.66E-01	1.66E-01	0.00E+00	6.39E-03	0.00E+00	0.00E+00	1.50E-01	
Wyoming	Uinta County	56041	U	Nickel Compounds	1.26E-06	1.26E-06	1.26E-06	2.41E-06	5.04E-06	1.14E-05	1.14E-05	1.14E-05	0.00E+00	3.14E-06	1.57E-06	3.30E-07	0.00E+00	
Wyoming	Uinta County	56041	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.44E-01	1.44E-01	1.44E-01	0.00E+00	1.82E-03	0.00E+00	0.00E+00	1.40E-01	
Wyoming	Uinta County	56041	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.86E-04	3.94E-04	3.94E-04	3.94E-04	0.00E+00	5.84E-06	0.00E+00	0.00E+00	3.80E-04	
Wyoming	Uinta County	56041	U	Polycyclic Organic Matter	1.96E-03	1.96E-03	1.96E-03	2.71E-03	5.69E-03	1.24E-02	1.24E-02	1.24E-02	5.74E-08	4.74E-03	6.67E-04	2.72E-04	0.00E+00	
Wyoming	Uinta County	56041	U	7-PAH	3.81E-04	3.81E-04	3.81E-04	4.94E-04	5.12E-04	6.62E-04	6.62E-04	6.62E-04	0.00E+00	5.05E-04	4.71E-06	2.65E-06	0.00E+00	
Wyoming	Uinta County	56041	U	Propylene Dichloride	1.77E-06	1.77E-06	1.77E-06	3.43E-06	6.45E-06	1.42E-05	1.42E-05	1.42E-05	0.00E+00	6.45E-06	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Quinoline	5.19E-12	5.19E-12	5.19E-12	2.43E-09	2.55E-09	5.22E-09	5.22E-09	5.22E-09	0.00E+00	2.55E-09	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	1,1,2,2-Tetrachloroethane	1.61E-05	1.61E-05	1.61E-05	3.06E-05	5.73E-05	1.25E-04	1.25E-04	1.25E-04	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	
Wyoming	Uinta County	56041	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.13E-02	8.17E-02	8.26E-02	8.26E-02	8.26E-02	0.00E+00	6.57E-04	0.00E+00	0.00E+00	8.10E-02	

DRAFT FOR REVIEW ONLY
 Estimated Annual Average Ambient Concentrations µg/m3 for Wyoming

State	County	FIPS	Urban or Rural	Pollutant	Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from ...				
					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Wyoming	Weston County	56045	U	Polycyclic Organic Matter	1.11E-03	1.11E-03	1.11E-03	9.15E-03	9.15E-03	1.72E-02	1.72E-02	1.72E-02	6.38E-03	2.39E-03	2.45E-04	1.40E-04	0.00E+00
Wyoming	Weston County	56045	U	7-PAH	3.80E-04	3.80E-04	3.80E-04	6.01E-04	6.01E-04	8.22E-04	8.22E-04	8.22E-04	3.51E-07	5.97E-04	1.70E-06	1.72E-06	0.00E+00
Wyoming	Weston County	56045	U	Propylene Dichloride	7.77E-07	7.77E-07	7.77E-07	8.65E-07	8.65E-07	9.53E-07	9.53E-07	9.53E-07	0.00E+00	8.65E-07	0.00E+00	0.00E+00	0.00E+00
Wyoming	Weston County	56045	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Wyoming	Weston County	56045	U	1,1,2,2-Tetrachloroethane	5.38E-06	5.38E-06	5.38E-06	7.04E-06	7.04E-06	8.71E-06	8.71E-06	8.71E-06	0.00E+00	7.04E-06	0.00E+00	0.00E+00	0.00E+00
Wyoming	Weston County	56045	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.13E-02	8.13E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	2.81E-04	0.00E+00	0.00E+00	8.10E-02
Wyoming	Weston County	56045	U	Vinyl Chloride	1.33E-05	1.33E-05	1.33E-05	1.74E-05	1.74E-05	2.15E-05	2.15E-05	2.15E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00