

US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Montana: 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](http://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 Montana

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		
Montana	Statewide	N/A	N/A	Acetaldehyde	2.67E-02	3.58E-02	5.51E-02	1.19E-01	7.49E-01	2.83E-01	5.76E-01	8.86E-01	7.95E-03	6.83E-01	3.37E-02	2.34E-02	0.00E+00		
Montana	Statewide	N/A	N/A	Acrolein	1.44E-02	2.06E-02	3.40E-02	5.14E-02	6.68E-02	8.12E-02	1.39E-01	1.60E-01	7.17E-04	5.90E-02	5.10E-03	1.99E-03	0.00E+00		
Montana	Statewide	N/A	N/A	Acrylonitrile	1.78E-07	2.99E-07	1.75E-06	1.45E-05	5.95E-05	4.63E-05	1.45E-04	2.45E-04	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Arsenic Compounds	4.61E-07	8.04E-07	1.84E-06	7.79E-06	4.37E-05	2.87E-05	7.53E-05	1.09E-04	1.37E-06	3.15E-05	7.46E-06	3.44E-06	0.00E+00		
Montana	Statewide	N/A	N/A	Benzene	5.13E-01	5.27E-01	5.61E-01	6.52E-01	7.72E-01	8.70E-01	1.20E+00	1.39E+00	1.14E-02	1.51E-01	1.08E-01	2.16E-02	4.80E-01		
Montana	Statewide	N/A	N/A	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-15	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Beryllium Compounds	1.66E-08	3.40E-08	2.00E-07	9.93E-07	3.15E-06	3.43E-06	9.13E-06	1.33E-05	2.14E-07	1.24E-06	0.00E+00	1.70E-06	0.00E+00		
Montana	Statewide	N/A	N/A	1,3-Butadiene	4.38E-03	6.45E-03	1.00E-02	2.06E-02	2.92E-02	3.89E-02	6.80E-02	8.38E-02	4.78E-05	1.76E-02	8.65E-03	2.84E-03	0.00E+00		
Montana	Statewide	N/A	N/A	Cadmium Compounds	2.71E-08	6.84E-08	2.73E-07	1.48E-06	2.22E-05	6.69E-06	2.07E-05	7.25E-05	1.16E-06	1.94E-05	0.00E+00	1.70E-06	0.00E+00		
Montana	Statewide	N/A	N/A	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.81E-02	4.78E-02	4.78E-02	4.81E-02	4.78E-02	4.85E-04	0.00E+00	0.00E+00	4.70E-02		
Montana	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.86E-01	5.32E-04	1.01E-04	0.00E+00	0.00E+00	8.80E-01		
Montana	Statewide	N/A	N/A	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.46E-02	9.63E-02	9.56E-02	1.20E-01	1.55E-01	2.74E-03	1.05E-02	0.00E+00	0.00E+00	8.30E-02		
Montana	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	1.04E-07	1.82E-07	6.65E-07	5.00E-06	1.65E-05	2.23E-05	4.62E-05	6.47E-05	5.17E-06	4.84E-06	5.79E-06	6.98E-07	0.00E+00		
Montana	Statewide	N/A	N/A	Chromium VI	3.71E-08	6.85E-08	2.08E-07	2.05E-06	5.78E-06	7.91E-06	1.65E-05	2.18E-05	1.13E-06	2.10E-06	2.31E-06	2.37E-07	0.00E+00		
Montana	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		
Montana	Statewide	N/A	N/A	1,4-Dichlorobenzene	5.00E-05	7.32E-05	1.74E-04	1.51E-03	8.09E-03	1.28E-02	2.35E-02	3.09E-02	0.00E+00	8.09E-03	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	1,3-Dichloropropene	9.67E-05	1.44E-04	3.43E-04	3.00E-03	1.65E-02	2.60E-02	4.79E-02	6.30E-02	0.00E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00		
Montana	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	0.00E+00	4.17E-08	0.00E+00	0.00E+00	7.70E-03		
Montana	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	6.16E-02	4.74E-05	4.97E-06	0.00E+00	0.00E+00	6.10E-02		
Montana	Statewide	N/A	N/A	Ethylene Oxide	4.15E-07	1.66E-06	5.12E-06	3.19E-05	5.18E-04	3.67E-04	1.10E-03	1.96E-03	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Formaldehyde	3.39E-01	3.66E-01	4.28E-01	5.37E-01	8.00E-01	7.55E-01	1.10E+00	1.43E+00	2.64E-02	4.48E-01	4.15E-02	3.44E-02	2.50E-01		
Montana	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.37E-05	9.40E-05	0.00E+00	2.48E-07	0.00E+00	0.00E+00	9.30E-05		
Montana	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	5.68E-08	0.00E+00	0.00E+00	1.80E-03		
Montana	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		
Montana	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	0.00E+00	2.16E-10	1.11E-08	4.19E-09	2.09E-08	6.55E-08	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Lead Compounds	1.04E-06	1.56E-06	6.56E-06	9.05E-05	6.60E-04	6.07E-04	1.59E-03	3.15E-03	5.81E-06	2.36E-04	0.00E+00	4.18E-04	0.00E+00		
Montana	Statewide	N/A	N/A	Manganese Compounds	1.44E-07	2.19E-07	6.92E-07	1.51E-05	1.40E-04	7.12E-05	3.48E-04	5.72E-04	7.74E-05	5.98E-05	1.89E-06	4.53E-07	0.00E+00		
Montana	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.55E-03	1.57E-03	9.29E-07	4.25E-06	7.68E-06	4.61E-06	1.50E-03		
Montana	Statewide	N/A	N/A	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.55E-01	1.90E-01	1.93E-01	2.62E-01	3.10E-01	2.65E-04	3.94E-02	0.00E+00	0.00E+00	1.50E-01		
Montana	Statewide	N/A	N/A	Nickel Compounds	2.27E-07	3.73E-07	9.24E-07	9.85E-06	4.52E-05	6.52E-05	1.38E-04	1.91E-04	1.07E-05	2.93E-05	4.34E-06	9.30E-07	0.00E+00		
Montana	Statewide	N/A	N/A	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.56E-01	1.53E-01	1.78E-01	2.15E-01	6.47E-04	1.49E-02	0.00E+00	0.00E+00	1.40E-01		
Montana	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.82E-04	4.07E-04	3.99E-04	4.70E-04	5.11E-04	2.14E-09	2.65E-05	0.00E+00	0.00E+00	3.80E-04		
Montana	Statewide	N/A	N/A	Polycyclic Organic Matter	1.79E-03	2.53E-03	4.64E-03	1.07E-02	2.15E-02	3.16E-02	5.21E-02	6.61E-02	3.22E-03	1.52E-02	2.06E-03	1.07E-03	0.00E+00		
Montana	Statewide	N/A	N/A	7-PAH	5.70E-04	7.59E-04	1.28E-03	1.98E-03	3.03E-03	3.40E-03	5.20E-03	8.41E-03	4.08E-04	2.60E-03	1.35E-05	8.46E-06	0.00E+00		
Montana	Statewide	N/A	N/A	Propylene Dichloride	5.44E-09	9.70E-09	7.21E-08	6.75E-07	2.84E-06	2.11E-06	6.35E-06	1.41E-05	0.00E+00	2.84E-06	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.61E-09	3.36E-08	1.76E-08	7.15E-08	1.88E-07	0.00E+00	3.36E-08	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	8.29E-10	1.39E-09	2.23E-08	2.33E-06	1.48E-05	7.87E-06	2.41E-05	7.49E-05	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00		
Montana	Statewide	N/A	N/A	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.15E-02	8.64E-02	8.63E-02	9.61E-02	1.08E-01	3.62E-04	5.07E-03	0.00E+00	0.00E+00	8.10E-02		
Montana	Statewide	N/A	N/A	Vinyl Chloride	3.38E-09	5.91E-09	1.40E-07	6.30E-06	3.77E-05	2.22E-05	5.95E-05	1.93E-04	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00		
Montana	All Urban Counties	N/A	U	Acetaldehyde	3.56E-02	4.71E-02	9.22E-02	1.58E-01	2.13E-01	3.02E-01	4.70E-01	5.11E-01	1.35E-02	1.01E-01	6.00E-02	3.87E-02	0.00E+00		
Montana	All Urban Counties	N/A	U	Acrolein	2.07E-02	2.56E-02	4.32E-02	6.20E-02	6.77E-02	8.68E-02	1.24E-01	1.40E-01	1.44E-03	5.43E-02	8.66E-03	3.37E-03	0.00E+00		
Montana	All Urban Counties	N/A	U	Acrylonitrile	1.80E-06	4.30E-06	1.33E-05	3.44E-05	8.22E-05	8.70E-05	1.92E-04	3.19E-04	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00		
Montana	All Urban Counties	N/A	U	Arsenic Compounds	1.48E-06	2.17E-06	9.81E-06	2.50E-05	8.42E-05	5.92E-05	1.18E-04	2.76E-04	2.23E-06	6.41E-05	1.24E-05	5.50E-06	0.00E+00		
Montana	All Urban Counties	N/A	U	Benzene	5.35E-01	5.65E-01	6.46E-01	8.32E-01	9.01E-01	1.07E+00	1.32E+00	1.62E+00	2.42E-02	1.73E-01	1.89E-01	3.45E-02	4.80E-01		
Montana	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		
Montana	All Urban Counties	N/A	U	Beryllium Compounds	1.40E-07	2.48E-07	1.14E-06	2.92E-06	5.19E-06	6.23E-06	1.27E-05	1.86E-05	2.64E-07	2.11E-06	0.00E+00	2.82E-06	0.00E+00		
Montana	All Urban Counties	N/A	U	1,3-Butadiene	6.72E-03	9.62E-03	1.77E-02	3.02E-02	3.80E-02	5.02E-02	7.50E-02	9.22E-02	1.01E-04	1.75E-02	1.55E-02	4.85E-03	0.00E+00		

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Estimated Annual Average Ambient Concentrations µg/m3 for Montana

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	
Montana	All Urban Counties	N/A	U	Cadmium Compounds	2.32E-07	3.52E-07	1.97E-06	5.46E-06	4.49E-05	1.39E-05	7.25E-05	9.27E-05	2.30E-06	3.98E-05	0.00E+00	2.81E-06	0.00E+00	
Montana	All Urban Counties	N/A	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.75E-02	4.91E-02	5.03E-02	5.37E-02	5.58E-02	1.30E-03	8.21E-04	0.00E+00	0.00E+00	4.70E-02	
Montana	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.87E-01	8.89E-01	1.05E-03	1.62E-04	0.00E+00	0.00E+00	8.80E-01	
Montana	All Urban Counties	N/A	U	Chloroform	8.31E-02	8.32E-02	8.57E-02	9.38E-02	1.08E-01	1.14E-01	1.55E-01	1.97E-01	5.42E-03	1.94E-02	0.00E+00	0.00E+00	8.30E-02	
Montana	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	4.82E-07	7.49E-07	4.99E-06	2.02E-05	2.74E-05	3.94E-05	6.47E-05	7.64E-05	8.26E-06	7.94E-06	1.01E-05	1.16E-06	0.00E+00	
Montana	All Urban Counties	N/A	U	Chromium VI	1.84E-07	3.03E-07	2.06E-06	7.35E-06	9.89E-06	1.36E-05	2.11E-05	3.26E-05	1.97E-06	3.49E-06	4.03E-06	3.94E-07	0.00E+00	
Montana	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	
Montana	All Urban Counties	N/A	U	1,4-Dichlorobenzene	1.45E-04	2.44E-04	1.97E-03	1.27E-02	1.43E-02	2.18E-02	3.08E-02	3.70E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	1,3-Dichloropropene	2.92E-04	4.57E-04	3.88E-03	2.59E-02	2.91E-02	4.46E-02	6.30E-02	7.53E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	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	0.00E+00	6.84E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.10E-02	6.16E-02	6.18E-02	9.38E-05	6.82E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	All Urban Counties	N/A	U	Ethylene Oxide	3.55E-06	9.28E-06	4.53E-05	3.00E-04	8.68E-04	9.92E-04	1.91E-03	2.20E-03	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	Formaldehyde	3.49E-01	3.87E-01	4.75E-01	5.92E-01	6.74E-01	7.47E-01	1.09E+00	1.37E+00	5.06E-02	2.46E-01	7.20E-02	5.60E-02	2.50E-01	
Montana	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.33E-05	9.39E-05	9.42E-05	0.00E+00	2.93E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	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	0.00E+00	9.04E-08	0.00E+00	0.00E+00	1.80E-03	
Montana	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	
Montana	All Urban Counties	N/A	U	Hydrazine	7.16E-12	1.23E-11	3.26E-10	3.95E-09	2.12E-08	1.56E-08	6.42E-08	1.16E-07	0.00E+00	2.12E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	Lead Compounds	8.95E-06	2.62E-05	1.01E-04	5.17E-04	1.20E-03	1.30E-03	3.10E-03	4.07E-03	6.89E-06	4.17E-04	0.00E+00	7.75E-04	0.00E+00	
Montana	All Urban Counties	N/A	U	Manganese Compounds	3.90E-07	1.96E-06	1.07E-05	2.99E-05	1.37E-04	1.26E-04	4.81E-04	6.36E-04	5.68E-05	7.63E-05	3.29E-06	7.37E-07	0.00E+00	
Montana	All Urban Counties	N/A	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.57E-03	1.58E-03	1.32E-06	7.34E-06	1.24E-05	7.44E-06	1.50E-03	
Montana	All Urban Counties	N/A	U	Methylene Chloride	1.51E-01	1.51E-01	1.56E-01	1.91E-01	2.18E-01	2.41E-01	3.05E-01	4.42E-01	2.39E-04	6.80E-02	0.00E+00	0.00E+00	1.50E-01	
Montana	All Urban Counties	N/A	U	Nickel Compounds	7.31E-07	1.32E-06	9.81E-06	5.35E-05	7.23E-05	1.01E-04	1.78E-04	2.08E-04	1.96E-05	4.36E-05	7.53E-06	1.53E-06	0.00E+00	
Montana	All Urban Counties	N/A	U	Perchloroethylene	1.40E-01	1.41E-01	1.43E-01	1.51E-01	1.70E-01	1.74E-01	2.20E-01	2.96E-01	1.36E-03	2.87E-02	0.00E+00	0.00E+00	1.40E-01	
Montana	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	4.12E-04	4.09E-04	4.86E-04	5.17E-04	4.53E-09	3.19E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	All Urban Counties	N/A	U	Polycyclic Organic Matter	3.33E-03	4.64E-03	1.10E-02	2.64E-02	2.99E-02	4.15E-02	6.31E-02	6.87E-02	3.16E-03	2.11E-02	3.64E-03	1.94E-03	0.00E+00	
Montana	All Urban Counties	N/A	U	7-PAH	7.03E-04	8.97E-04	1.56E-03	2.31E-03	2.59E-03	3.51E-03	4.77E-03	4.99E-03	5.96E-07	2.56E-03	2.33E-05	1.43E-05	0.00E+00	
Montana	All Urban Counties	N/A	U	Propylene Dichloride	7.21E-08	1.84E-07	6.83E-07	1.63E-06	3.85E-06	3.59E-06	9.39E-06	1.64E-05	0.00E+00	3.85E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	Quinoline	1.25E-10	3.17E-10	3.07E-09	1.75E-08	6.50E-08	4.61E-08	1.88E-07	3.58E-07	0.00E+00	6.50E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	1,1,1,2-Tetrachloroethane	1.00E-08	5.69E-08	1.77E-06	5.83E-06	1.65E-05	9.24E-06	6.28E-05	7.77E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	All Urban Counties	N/A	U	Trichloroethylene	8.10E-02	8.11E-02	8.17E-02	8.56E-02	9.04E-02	9.20E-02	1.07E-01	1.16E-01	7.55E-04	8.61E-03	0.00E+00	0.00E+00	8.10E-02	
Montana	All Urban Counties	N/A	U	Vinyl Chloride	6.41E-08	6.99E-07	4.56E-06	1.50E-05	4.27E-05	2.67E-05	1.57E-04	1.97E-04	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	Acetaldehyde	1.98E-02	3.14E-02	4.31E-02	8.14E-02	1.22E+00	2.65E-01	8.11E-01	1.36E+00	3.01E-03	1.20E+00	1.03E-02	9.89E-03	0.00E+00	
Montana	All Rural Counties	N/A	R	Acrolein	1.21E-02	1.83E-02	2.59E-02	4.40E-02	6.60E-02	6.96E-02	1.52E-01	1.76E-01	7.80E-05	6.32E-02	1.94E-03	7.62E-04	0.00E+00	
Montana	All Rural Counties	N/A	R	Acrylonitrile	8.65E-08	2.03E-07	4.86E-07	2.92E-06	3.93E-05	2.16E-05	5.12E-05	1.27E-04	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	Arsenic Compounds	4.05E-07	4.73E-07	1.14E-06	2.29E-06	7.75E-06	7.76E-06	1.99E-05	3.12E-05	6.09E-07	2.45E-06	3.08E-06	1.60E-06	0.00E+00	
Montana	All Rural Counties	N/A	R	Benzene	5.07E-01	5.17E-01	5.37E-01	5.79E-01	6.58E-01	6.79E-01	8.70E-01	1.06E+00	9.64E-05	1.32E-01	3.60E-02	1.01E-02	4.80E-01	
Montana	All Rural Counties	N/A	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-15	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	Beryllium Compounds	1.09E-08	1.73E-08	6.76E-08	3.18E-07	1.34E-06	1.01E-06	2.89E-06	6.84E-06	1.70E-07	6.42E-07	0.00E+00	7.07E-07	0.00E+00	
Montana	All Rural Counties	N/A	R	1,3-Butadiene	2.06E-03	4.91E-03	7.83E-03	1.29E-02	2.14E-02	2.42E-02	4.45E-02	6.83E-02	2.76E-07	1.77E-02	2.57E-03	1.06E-03	0.00E+00	
Montana	All Rural Counties	N/A	R	Cadmium Compounds	1.81E-08	3.09E-08	1.03E-07	5.02E-07	2.12E-06	1.47E-06	3.35E-06	7.52E-06	1.50E-07	1.27E-06	0.00E+00	7.06E-07	0.00E+00	
Montana	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.73E-02	4.73E-02	4.75E-02	4.84E-02	6.27E-05	1.88E-04	0.00E+00	0.00E+00	4.70E-02	
Montana	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	6.95E-05	4.75E-05	0.00E+00	0.00E+00	8.80E-01
Montana	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.60E-02	8.40E-02	9.04E-02	9.63E-02	3.58E-04	2.68E-03	0.00E+00	0.00E+00	8.30E-02	
Montana	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	6.23E-08	1.09E-07	2.49E-07	1.24E-06	6.78E-06	6.46E-06	1.78E-05	3.12E-05	2.42E-06	2.08E-06	1.99E-06	2.90E-07	0.00E+00	
Montana	All Rural Counties	N/A	R	Chromium VI	2.45E-08	3.94E-08	9.65E-08	4.80E-07	2.13E-06	2.13E-06	5.58E-06	8.55E-06	3.77E-07	8.64E-07	7.93E-07	9.86E-08	0.00E+00	
Montana	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	
Montana	All Rural Counties	N/A	R	1,4-Dichlorobenzene	3.38E-05	5.05E-05	9.27E-05	2.90E-04	2.59E-03	2.07E-03	6.00E-03	1.11E-02	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	1,3-Dichloropropene	6.52E-05	9.88E-05	1.85E-04	5.60E-04	5.23E-03	4.14E-03	1.20E-02	2.27E-02	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	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	1.80E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	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	6.22E-06	3.32E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	All Rural Counties	N/A	R	Ethylene Oxide	7.04E-08	8.32E-07	2.95E-06	7.14E-06	2.07E-04	2.85E-05	2.27E-04	4.14E-04	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	Formaldehyde	3.36E-01	3.60E-01	4.06E-01	5.00E-01	9.12E-01	8.45E-01	1.10E+00	1.61E+00	4.87E-03	6.28E-01	1.44E-02	1.52E-02	2.50E-01	
Montana	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	9.35E-05	9.35E-05	0.00E+00	2.08E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	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	0.00E+00	2.69E-08	0.00E+00	0.00E+00	1.80E-03	
Montana	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	
Montana	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-09	2.04E-10	8.78E-10	1.86E-09	0.00E+00	2.25E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	All Rural Counties	N/A	R	Lead Compounds	1.86E-07	1.05E-06	2.19E-06	8.76E-06	1.81E-04	8.91E-05	5.98E-04	1.00E-03	4.85E-06	7.59E-05	0.00E+00	1.01E-04	0.00E+00	
Montana	All Rural Counties	N/A	R	Manganese Compounds	1.00E-07	1.47E-07	2.66E-07	1.37E-06	1.42E									

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

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
Montana	All Rural Counties	N/A	R	7-PAH	4.39E-04	6.38E-04	1.02E-03	1.72E-03	3.41E-03	2.77E-03	7.97E-03	9.82E-03	7.71E-04	2.63E-03	4.71E-06	3.24E-06	0.00E+00
Montana	All Rural Counties	N/A	R	Propylene Dichloride	2.58E-09	6.17E-09	1.59E-08	1.49E-07	1.95E-06	8.28E-07	2.64E-06	6.87E-06	0.00E+00	1.95E-06	0.00E+00	0.00E+00	0.00E+00
Montana	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	9.63E-13	5.64E-09	1.42E-09	5.10E-09	1.00E-08	0.00E+00	5.64E-09	0.00E+00	0.00E+00	0.00E+00
Montana	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	4.03E-10	9.44E-10	2.27E-09	1.32E-07	1.34E-05	3.02E-06	1.57E-05	2.55E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
Montana	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.29E-02	8.15E-02	8.31E-02	8.69E-02	1.29E-05	1.92E-03	0.00E+00	0.00E+00	8.10E-02
Montana	All Rural Counties	N/A	R	Vinyl Chloride	1.57E-09	3.57E-09	1.04E-08	4.86E-07	3.33E-05	8.76E-06	3.87E-05	6.30E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	R	Acetaldehyde	3.58E-02	3.58E-02	3.58E-02	6.55E-02	5.66E-02	6.87E-02	6.87E-02	6.87E-02	0.00E+00	4.66E-02	4.73E-03	5.33E-03	0.00E+00
Montana	Beaverhead County	30001	R	Acrolein	5.19E-02	5.19E-02	5.19E-02	6.85E-02	6.34E-02	6.96E-02	6.96E-02	6.96E-02	0.00E+00	6.22E-02	8.01E-04	3.43E-04	0.00E+00
Montana	Beaverhead County	30001	R	Acrylonitrile	1.75E-07	1.75E-07	1.75E-07	3.63E-06	1.07E-05	2.82E-05	2.82E-05	2.82E-05	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	R	Arsenic Compounds	6.83E-07	6.83E-07	6.83E-07	2.13E-06	3.91E-06	8.91E-06	8.91E-06	8.91E-06	0.00E+00	5.16E-07	1.46E-06	1.93E-06	0.00E+00
Montana	Beaverhead County	30001	R	Benzene	5.77E-01	5.77E-01	5.77E-01	6.18E-01	6.24E-01	6.78E-01	6.78E-01	6.78E-01	0.00E+00	1.23E-01	1.67E-02	4.80E-03	4.80E-01
Montana	Beaverhead County	30001	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
Montana	Beaverhead County	30001	R	Beryllium Compounds	1.73E-08	1.73E-08	1.73E-08	8.30E-08	2.27E-07	5.81E-07	5.81E-07	5.81E-07	0.00E+00	2.06E-07	0.00E+00	2.10E-08	0.00E+00
Montana	Beaverhead County	30001	R	1,3-Butadiene	1.50E-02	1.50E-02	1.50E-02	1.20E-02	2.01E-02	2.45E-02	2.45E-02	2.45E-02	0.00E+00	1.82E-02	1.28E-03	5.51E-04	0.00E+00
Montana	Beaverhead County	30001	R	Cadmium Compounds	2.23E-08	2.23E-08	2.23E-08	1.24E-07	3.27E-07	8.35E-07	8.35E-07	8.35E-07	0.00E+00	3.06E-07	0.00E+00	2.10E-08	0.00E+00
Montana	Beaverhead County	30001	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.73E-02	4.73E-02	0.00E+00	1.20E-04	0.00E+00	0.00E+00	4.70E-02
Montana	Beaverhead County	30001	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	3.21E-05	0.00E+00	0.00E+00	8.80E-01
Montana	Beaverhead County	30001	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.38E-02	8.51E-02	8.86E-02	8.86E-02	8.86E-02	0.00E+00	2.14E-03	0.00E+00	0.00E+00	8.30E-02
Montana	Beaverhead County	30001	R	Chromium Compounds (includes Hexavalent)	2.79E-07	2.79E-07	2.79E-07	7.45E-07	1.30E-06	2.88E-06	2.88E-06	2.88E-06	0.00E+00	3.61E-07	8.80E-07	6.16E-08	0.00E+00
Montana	Beaverhead County	30001	R	Chromium VI	1.07E-07	1.07E-07	1.07E-07	2.93E-07	5.24E-07	1.17E-06	1.17E-06	1.17E-06	0.00E+00	1.93E-07	3.10E-07	2.09E-08	0.00E+00
Montana	Beaverhead County	30001	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
Montana	Beaverhead County	30001	R	1,4-Dichlorobenzene	5.00E-05	5.00E-05	5.00E-05	6.52E-04	2.05E-03	5.45E-03	5.45E-03	5.45E-03	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	R	1,3-Dichloropropene	9.67E-05	9.67E-05	9.67E-05	1.31E-03	4.18E-03	1.11E-02	1.11E-02	1.11E-02	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Beaverhead County	30001	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	2.00E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Beaverhead County	30001	R	Ethylene Oxide	1.86E-06	1.86E-06	1.86E-06	4.73E-05	1.41E-04	3.75E-04	3.75E-04	3.75E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	R	Formaldehyde	4.57E-01	4.57E-01	4.57E-01	5.39E-01	5.16E-01	5.50E-01	5.50E-01	5.50E-01	0.00E+00	2.50E-01	6.26E-03	9.03E-03	2.50E-01
Montana	Beaverhead County	30001	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.36E-05	9.36E-05	9.36E-05	0.00E+00	2.25E-07	0.00E+00	0.00E+00	9.30E-05
Montana	Beaverhead County	30001	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	1.91E-08	0.00E+00	0.00E+00	1.80E-03
Montana	Beaverhead County	30001	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
Montana	Beaverhead County	30001	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
Montana	Beaverhead County	30001	R	Lead Compounds	5.85E-06	5.85E-06	5.85E-06	6.10E-05	8.22E-05	1.80E-04	1.80E-04	1.80E-04	0.00E+00	2.83E-05	0.00E+00	5.39E-05	0.00E+00
Montana	Beaverhead County	30001	R	Manganese Compounds	1.51E-07	1.51E-07	1.51E-07	6.70E-07	1.57E-06	3.88E-06	3.88E-06	3.88E-06	0.00E+00	1.14E-06	2.68E-07	1.54E-07	0.00E+00
Montana	Beaverhead County	30001	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	5.09E-07	1.62E-06	1.64E-06	1.50E-03
Montana	Beaverhead County	30001	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.54E-01	1.61E-01	1.80E-01	1.80E-01	1.80E-01	0.00E+00	1.12E-02	0.00E+00	0.00E+00	1.50E-01
Montana	Beaverhead County	30001	R	Nickel Compounds	2.90E-07	2.90E-07	2.90E-07	1.86E-06	5.28E-06	1.37E-05	1.37E-05	1.37E-05	0.00E+00	4.36E-06	6.80E-07	2.35E-07	0.00E+00
Montana	Beaverhead County	30001	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.28E-03	0.00E+00	0.00E+00	1.40E-01
Montana	Beaverhead County	30001	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.85E-04	3.99E-04	4.30E-04	4.30E-04	4.30E-04	0.00E+00	1.87E-05	0.00E+00	0.00E+00	3.80E-04
Montana	Beaverhead County	30001	R	Polycyclic Organic Matter	4.87E-03	4.87E-03	4.87E-03	7.34E-03	8.51E-03	1.33E-02	1.33E-02	1.33E-02	0.00E+00	8.09E-03	3.00E-04	1.18E-04	0.00E+00
Montana	Beaverhead County	30001	R	7-PAH	1.96E-03	1.96E-03	1.96E-03	2.63E-03	2.50E-03	2.90E-03	2.90E-03	2.90E-03	0.00E+00	2.49E-03	2.07E-06	9.11E-07	0.00E+00
Montana	Beaverhead County	30001	R	Propylene Dichloride	5.22E-09	5.22E-09	5.22E-09	1.08E-07	3.18E-07	8.40E-07	8.40E-07	8.40E-07	0.00E+00	3.18E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	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
Montana	Beaverhead County	30001	R	1,1,2,2-Tetrachloroethane	8.17E-10	8.17E-10	8.17E-10	1.69E-08	4.98E-08	1.32E-07	1.32E-07	1.32E-07	0.00E+00	4.98E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Beaverhead County	30001	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.13E-02	8.20E-02	8.37E-02	8.37E-02	8.37E-02	0.00E+00	1.00E-03	0.00E+00	0.00E+00	8.10E-02
Montana	Beaverhead County	30001	R	Vinyl Chloride	3.02E-09	3.02E-09	3.02E-09	6.24E-08	1.84E-07	4.86E-07	4.86E-07	4.86E-07	0.00E+00	1.84E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Big Horn County	30003	R	Acetaldehyde	4.31E-02	4.31E-02	5.26E-02	7.39E-02	7.52E-02	9.82E-02	1.09E-01	1.09E-01	4.49E-07	6.87E-02	2.91E-03	3.58E-03	0.00E+00
Montana	Big Horn County	30003	R	Acrolein	2.26E-02	2.26E-02	3.40E-02	3.88E-02	4.35E-02	5.13E-02	7.58E-02	7.58E-02	1.01E-07	4.27E-02	6.27E-04	1.76E-04	0.00E+00
Montana	Big Horn County	30003	R	Acrylonitrile	7.75E-08	7.75E-08	7.93E-08	7.12E-07	1.77E-06	1.23E-06	7.80E-06	7.80E-06	0.00E+00	1.77E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Big Horn County	30003	R	Arsenic Compounds	4.55E-07	4.55E-07	4.73E-07	2.18E-06	2.25E-06	2.86E-06	5.38E-06	5.38E-06	7.51E-07	6.07E-08	8.59E-07	5.82E-07	0.00E+00
Montana	Big Horn County	30003	R	Benzene	5.39E-01	5.39E-01	5.43E-01	5.58E-01	5.67E-01	5.82E-01	6.21E-01	6.21E-01	1.90E-06	7.70E-02	8.63E-03	1.22E-03	4.80E-01
Montana	Big Horn County	30003	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
Montana	Big Horn County	30003	R	Beryllium Compounds	1.87E-08	1.87E-08	8.79E-08	3.73E-07	4.61E-07	5.11E-07	1.40E-06	1.40E-06	2.24E-07	2.00E-08	0.00E+00	2.17E-07	0.00E+00
Montana	Big Horn County	30003	R	1,3-Butadiene	8.29E-03	8.29E-03	9.65E-03	1.06E-02	1.25E-02	1.24E-02	2.34E-02	2.34E-02	0.00E+00	1.19E-02	4.54E-04	9.32E-05	0.00E+00
Montana	Big Horn County	30003	R	Cadmium Compounds	2.36E-08	2.36E-08	1.28E-07	3.94E-07	3.29E-07	4.98E-07	5.38E-07	5.38E-07	7.15E-08	4.10E-08	0.00E+00	2.17E-07	0.00E+00
Montana	Big Horn County	30003	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	1.90E-07	6.27E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Big Horn County	30003	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	2.53E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Big Horn County	30003	R	Chloroform	8.30E-02	8.30E-02	8										

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

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		
Montana	Big Horn County	30003	R	Ethylene Oxide	4.45E-08	4.45E-08	9.94E-08	2.07E-06	8.35E-06	2.29E-05	2.29E-05	2.29E-05	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Formaldehyde	3.74E-01	3.74E-01	3.96E-01	4.34E-01	4.54E-01	4.94E-01	5.93E-01	5.93E-01	9.74E-08	1.95E-01	3.49E-03	5.00E-03	2.50E-01	2.50E-01	
Montana	Big Horn County	30003	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05	
Montana	Big Horn County	30003	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	9.76E-10	0.00E+00	0.00E+00	1.80E-03	1.80E-03	
Montana	Big Horn County	30003	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	
Montana	Big Horn County	30003	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-14	0.00E+00	3.06E-13	0.00E+00	5.11E-14	0.00E+00	5.11E-14	0.00E+00	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Lead Compounds	1.86E-07	1.86E-07	1.37E-06	2.71E-06	8.77E-06	2.98E-06	4.26E-05	4.26E-05	1.52E-07	8.05E-07	0.00E+00	7.81E-06	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Manganese Compounds	9.62E-08	9.62E-08	4.80E-07	6.41E-07	9.98E-06	1.89E-05	3.92E-05	3.92E-05	6.49E-06	3.27E-06	1.65E-07	6.14E-08	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	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	1.50E-03	9.70E-11	4.50E-08	1.01E-06	7.61E-07	1.50E-03
Montana	Big Horn County	30003	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	2.83E-07	6.10E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Big Horn County	30003	R	Nickel Compounds	1.11E-07	1.11E-07	5.12E-07	1.01E-06	1.71E-06	1.37E-06	6.27E-06	6.27E-06	9.85E-07	2.21E-07	3.95E-07	1.14E-07	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	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	4.19E-08	1.60E-04	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
Montana	Big Horn County	30003	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.81E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	1.42E-06	0.00E+00	0.00E+00	3.80E-04	3.80E-04	
Montana	Big Horn County	30003	R	Polycyclic Organic Matter	3.15E-03	3.15E-03	3.36E-03	4.12E-03	4.57E-03	5.23E-03	7.46E-03	7.46E-03	2.79E-08	4.35E-03	1.66E-04	5.88E-05	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	7-PAH	9.48E-04	9.48E-04	1.31E-03	1.47E-03	1.68E-03	1.91E-03	2.98E-03	2.98E-03	5.67E-10	1.68E-03	1.31E-06	6.19E-07	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Propylene Dichloride	2.36E-09	2.36E-09	2.38E-09	2.12E-08	9.02E-08	3.65E-08	4.58E-07	4.58E-07	0.00E+00	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-12	0.00E+00	8.18E-12	8.18E-12	0.00E+00	1.36E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	1,1,2,2-Tetrachloroethane	3.60E-10	3.60E-10	3.70E-10	3.32E-09	6.81E-07	5.71E-09	4.07E-06	4.07E-06	0.00E+00	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Big Horn County	30003	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	3.22E-05	0.00E+00	0.00E+00	8.10E-02	8.10E-02	
Montana	Big Horn County	30003	R	Vinyl Chloride	1.36E-09	1.36E-09	1.59E-09	1.23E-08	1.68E-06	2.11E-08	1.00E-05	1.00E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Acetaldehyde	2.87E-01	2.87E-01	3.50E-01	5.70E-01	5.59E-01	7.69E-01	8.11E-01	8.11E-01	0.00E+00	5.52E-01	1.05E-03	6.30E-03	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Acrolein	2.45E-02	2.45E-02	2.73E-02	3.53E-02	3.61E-02	4.50E-02	4.94E-02	4.94E-02	0.00E+00	3.57E-02	2.39E-04	1.52E-04	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Acrylonitrile	6.05E-08	6.05E-08	1.72E-07	1.82E-07	6.54E-07	4.13E-07	8.24E-07	8.24E-07	0.00E+00	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Arsenic Compounds	4.39E-07	4.39E-07	7.70E-07	1.18E-06	1.09E-06	1.41E-06	1.57E-06	1.57E-06	0.00E+00	2.44E-08	3.32E-07	7.35E-07	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Benzene	5.28E-01	5.28E-01	5.34E-01	5.49E-01	5.49E-01	5.64E-01	5.71E-01	5.71E-01	0.00E+00	6.49E-02	3.37E-03	9.85E-04	4.80E-01	4.80E-01	
Montana	Blaine County	30005	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	
Montana	Blaine County	30005	R	Beryllium Compounds	7.56E-10	7.56E-10	9.29E-08	1.92E-07	1.62E-07	2.32E-07	2.65E-07	2.65E-07	0.00E+00	1.35E-08	0.00E+00	1.49E-07	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	1,3-Butadiene	4.72E-03	4.72E-03	7.79E-03	1.17E-02	1.02E-02	1.26E-02	1.26E-02	1.26E-02	0.00E+00	9.96E-03	1.87E-04	6.82E-05	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Cadmium Compounds	1.95E-08	1.95E-08	1.07E-07	2.04E-07	1.75E-07	2.43E-07	2.73E-07	2.73E-07	0.00E+00	2.67E-08	0.00E+00	1.48E-07	0.00E+00	0.00E+00	
Montana	Blaine County	30005	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	4.90E-06	0.00E+00	0.00E+00	4.70E-02	4.70E-02	
Montana	Blaine County	30005	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	1.63E-06	0.00E+00	0.00E+00	8.80E-01	8.80E-01	
Montana	Blaine County	30005	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	2.22E-05	0.00E+00	0.00E+00	8.30E-02	8.30E-02	
Montana	Blaine County	30005	R	Chromium Compounds (includes Hexavalent)	1.35E-07	1.35E-07	1.90E-07	2.57E-07	2.63E-07	3.36E-07	4.03E-07	4.03E-07	0.00E+00	1.86E-08	2.00E-07	4.44E-08	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Chromium VI	5.60E-08	5.60E-08	7.63E-08	1.03E-07	1.07E-07	1.37E-07	1.65E-07	1.65E-07	0.00E+00	8.17E-09	8.33E-08	1.51E-08	0.00E+00	0.00E+00	
Montana	Blaine County	30005	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	
Montana	Blaine County	30005	R	1,4-Dichlorobenzene	6.89E-05	6.89E-05	8.08E-05	1.29E-04	1.29E-04	1.77E-04	1.88E-04	1.88E-04	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	1,3-Dichloropropene	1.39E-04	1.39E-04	1.62E-04	2.59E-04	2.55E-04	3.48E-04	3.62E-04	3.62E-04	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	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	7.69E-11	0.00E+00	0.00E+00	7.70E-03	7.70E-03	
Montana	Blaine County	30005	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	1.12E-08	0.00E+00	0.00E+00	6.10E-02	6.10E-02	
Montana	Blaine County	30005	R	Ethylene Oxide	9.79E-07	9.79E-07	1.47E-06	4.09E-06	6.78E-06	1.21E-05	1.80E-05	1.80E-05	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Formaldehyde	4.79E-01	4.79E-01	5.26E-01	7.25E-01	7.18E-01	9.10E-01	9.44E-01	9.44E-01	0.00E+00	4.58E-01	1.41E-03	8.35E-03	2.50E-01	2.50E-01	
Montana	Blaine County	30005	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	0.00E+00	4.41E-08	0.00E+00	0.00E+00	9.30E-05	9.30E-05	
Montana	Blaine County	30005	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	7.34E-10	0.00E+00	0.00E+00	1.80E-03	1.80E-03	
Montana	Blaine County	30005	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	
Montana	Blaine County	30005	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-12	7.30E-12	1.46E-11	1.46E-11	0.00E+00	3.65E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Lead Compounds	1.49E-07	1.49E-07	7.60E-07	1.77E-06	2.46E-06	4.17E-06	6.17E-06	6.17E-06	0.00E+00	8.58E-07	0.00E+00	1.61E-06	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Manganese Compounds	1.97E-07	1.97E-07	2.12E-07	2.47E-07	2.41E-07	2.69E-07	2.72E-07	2.72E-07	0.00E+00	1.16E-07	5.81E-08	6.66E-08	0.00E+00	0.00E+00	
Montana	Blaine County	30005	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	2.52E-08	3.87E-07	8.22E-07	1.50E-03	1.50E-03	
Montana	Blaine County	30005	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	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.50E-01	1.50E-01	
Montana	Blaine County	30005	R	Nickel Compounds	1.45E-07	1.45E-07	2.68E-07	4.19E-07	3.65E-07	4.62E-07	4.77E-07	4.77E-07	0.00E+00	1.09E-07	1.45E-07	1.11E-07	0.00E+00	0.00E+00	
Montana	Blaine County	30005	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	0.00E+00	1.79E-04	0.00E+00	0.00E+00	1.40E-01	1.40E-01	
Montana	Blaine County	30005	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	0.00E+00	1.50E-06	0.00E+00	0.00E+00	3.80E-04	3.80E-04	
Montana	Blaine County	30005	R	Polycyclic Organic Matter	2.55E-03	2.55E-03	2.98E-03	3.78E-03	3.77E-03	4.55E-03	4.96E-03	4.96E-03	0.00E+00	3.65E-03	6.40E-05	5.21E-05	0.00E+00	0.00E+00	
Montana	Blaine County	30005																	

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

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	
Montana	Broadwater County	30007	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
Montana	Broadwater County	30007	R	Beryllium Compounds	6.84E-06	6.84E-06	6.84E-06	6.85E-06	6.85E-06	6.85E-06	6.85E-06	6.85E-06	6.72E-11	2.74E-07	0.00E+00	6.57E-06	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	1,3-Butadiene	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.42E-02	1.07E-02	2.03E-03	1.38E-03	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Cadmium Compounds	7.52E-06	7.52E-06	7.52E-06	7.59E-06	7.59E-06	7.65E-06	7.65E-06	7.65E-06	6.91E-11	1.02E-06	0.00E+00	6.56E-06	0.00E+00	0.00E+00
Montana	Broadwater County	30007	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	2.04E-05	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Montana	Broadwater County	30007	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	5.95E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Montana	Broadwater County	30007	R	Chloroform	9.01E-02	9.01E-02	9.01E-02	9.01E-02	9.01E-02	9.02E-02	9.02E-02	9.02E-02	0.00E+00	7.13E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Montana	Broadwater County	30007	R	Chromium Compounds (includes Hexavalent)	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.98E-05	1.99E-05	1.99E-05	1.99E-05	6.79E-11	1.67E-05	1.59E-06	1.56E-06	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Chromium VI	4.01E-06	4.01E-06	4.01E-06	4.25E-06	4.25E-06	4.49E-06	4.49E-06	4.49E-06	2.31E-11	3.06E-06	6.53E-07	5.32E-07	0.00E+00	0.00E+00
Montana	Broadwater County	30007	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
Montana	Broadwater County	30007	R	1,4-Dichlorobenzene	3.55E-03	3.55E-03	3.55E-03	3.57E-03	3.57E-03	3.58E-03	3.58E-03	3.58E-03	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	1,3-Dichloropropene	7.22E-03	7.22E-03	7.22E-03	7.24E-03	7.24E-03	7.27E-03	7.27E-03	7.27E-03	0.00E+00	7.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	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	2.15E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Broadwater County	30007	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	5.16E-07	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Montana	Broadwater County	30007	R	Ethylene Oxide	1.76E-05	1.76E-05	1.76E-05	1.93E-05	1.93E-05	2.11E-05	2.11E-05	2.11E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Formaldehyde	5.14E-01	5.14E-01	5.14E-01	5.14E-01	5.14E-01	5.15E-01	5.15E-01	5.15E-01	1.55E-09	2.00E-01	1.39E-02	5.01E-02	2.50E-01	0.00E+00
Montana	Broadwater County	30007	R	Hexachlorobenzene	9.37E-05	9.37E-05	9.37E-05	9.37E-05	9.37E-05	9.37E-05	9.37E-05	9.37E-05	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Montana	Broadwater County	30007	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	2.59E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Montana	Broadwater County	30007	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
Montana	Broadwater County	30007	R	Hydrazine	2.88E-11	2.88E-11	2.88E-11	3.03E-11	3.03E-11	3.18E-11	3.18E-11	3.18E-11	0.00E+00	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Lead Compounds	5.51E-04	5.51E-04	5.51E-04	5.75E-04	5.75E-04	5.99E-04	5.99E-04	5.99E-04	1.99E-10	5.26E-04	0.00E+00	4.87E-05	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Manganese Compounds	2.33E-04	2.33E-04	2.33E-04	2.76E-04	2.76E-04	3.18E-04	3.18E-04	3.18E-04	1.33E-10	2.74E-04	5.68E-07	5.96E-07	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	7.56E-11	1.01E-06	3.52E-06	8.07E-06	1.50E-03	0.00E+00
Montana	Broadwater County	30007	R	Methylene Chloride	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	1.50E-01
Montana	Broadwater County	30007	R	Nickel Compounds	5.42E-06	5.42E-06	5.42E-06	5.45E-06	5.45E-06	5.48E-06	5.48E-06	5.48E-06	0.00E+00	2.36E-06	1.41E-06	1.69E-06	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-01
Montana	Broadwater County	30007	R	Polychlorinated Biphenyls	4.68E-04	4.68E-04	4.68E-04	4.68E-04	4.68E-04	4.68E-04	4.68E-04	4.68E-04	0.00E+00	8.80E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-04
Montana	Broadwater County	30007	R	Polycyclic Organic Matter	1.50E-02	1.50E-02	1.50E-02	1.50E-02	1.50E-02	1.50E-02	1.50E-02	1.50E-02	1.01E-08	1.34E-02	5.82E-04	1.02E-03	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	7-PAH	2.59E-03	2.59E-03	2.59E-03	2.59E-03	2.59E-03	2.60E-03	2.60E-03	2.60E-03	0.00E+00	2.57E-03	4.21E-06	1.33E-05	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Propylene Dichloride	1.74E-07	1.74E-07	1.74E-07	1.81E-07	1.81E-07	1.88E-07	1.88E-07	1.88E-07	0.00E+00	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Quinoline	1.03E-09	1.03E-09	1.03E-09	1.08E-09	1.08E-09	1.13E-09	1.13E-09	1.13E-09	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	1,1,2,2-Tetrachloroethane	1.15E-06	1.15E-06	1.15E-06	1.17E-06	1.17E-06	1.20E-06	1.20E-06	1.20E-06	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Broadwater County	30007	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Montana	Broadwater County	30007	R	Vinyl Chloride	2.86E-06	2.86E-06	2.86E-06	2.93E-06	2.93E-06	3.01E-06	3.01E-06	3.01E-06	0.00E+00	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Acetaldehyde	1.26E-02	1.26E-02	3.01E-02	3.40E-02	3.42E-02	3.98E-02	5.47E-02	5.47E-02	4.04E-06	2.50E-02	5.65E-03	3.60E-03	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Acrolein	1.21E-02	1.21E-02	2.57E-02	2.61E-02	3.12E-02	4.57E-02	4.66E-02	4.66E-02	2.54E-05	2.99E-02	1.06E-03	2.83E-04	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Acrylonitrile	1.16E-06	1.16E-06	4.03E-06	6.58E-06	1.97E-05	2.36E-05	6.30E-05	6.30E-05	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Arsenic Compounds	5.57E-07	5.57E-07	7.70E-07	2.57E-06	3.59E-06	4.72E-06	9.35E-06	9.35E-06	5.05E-07	2.41E-07	2.11E-06	7.33E-07	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Benzene	5.07E-01	5.07E-01	5.47E-01	5.51E-01	5.71E-01	5.72E-01	6.79E-01	6.79E-01	1.07E-03	6.78E-02	2.01E-02	2.49E-03	4.80E-01	0.00E+00
Montana	Carbon County	30009	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
Montana	Carbon County	30009	R	Beryllium Compounds	5.83E-08	5.83E-08	1.30E-07	4.55E-07	4.13E-07	4.56E-07	9.68E-07	9.68E-07	5.41E-08	9.09E-08	0.00E+00	2.68E-07	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	1,3-Butadiene	4.38E-03	4.38E-03	6.55E-03	7.09E-03	1.09E-02	1.50E-02	2.15E-02	2.15E-02	6.43E-06	9.18E-03	1.50E-03	2.35E-04	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Cadmium Compounds	7.09E-08	7.09E-08	1.56E-07	6.47E-07	8.00E-07	9.83E-07	2.14E-06	2.14E-06	3.68E-07	1.65E-07	0.00E+00	2.66E-07	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.74E-02	4.77E-02	4.80E-02	4.80E-02	3.22E-04	5.90E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Montana	Carbon County	30009	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	1.60E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Montana	Carbon County	30009	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Montana	Carbon County	30009	R	Chromium Compounds (includes Hexavalent)	2.20E-07	2.20E-07	2.38E-06	4.45E-06	4.49E-06	7.59E-06	7.81E-06	7.81E-06	1.24E-06	1.96E-06	1.19E-06	1.02E-07	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	Chromium VI	8.66E-08	8.66E-08	7.25E-07	1.39E-06	1.42E-06	2.06E-06	2.84E-06	2.84E-06	3.03E-07	6.10E-07	4.74E-07	3.47E-08	0.00E+00	0.00E+00
Montana	Carbon County	30009	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
Montana	Carbon County	30009	R	1,4-Dichlorobenzene	1.03E-04	1.03E-04	1.38E-04	4.42E-04	7.87E-04	2.68E-03	2.68E-03	2.68E-03	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Carbon County	30009	R	1,3-Dichloropropene	1.99E-04	1.99E-04	2.70E-04	8.66E-04	1.58E-03	1.12E-03	5.44E-03	5.44E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Carbon County	30009	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	8.34E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Carbon County	30009	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	3.25E-08	1.83E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Montana	Carbon County	30009	R	Ethylene Oxide														

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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	
Montana	Carbon County	30009	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	7.18E-05	9.07E-04	0.00E+00	0.00E+00	1.40E-01	
Montana	Carbon County	30009	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.83E-04	3.92E-04	3.86E-04	4.26E-04	4.26E-04	4.45E-10	1.16E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	Carbon County	30009	R	Polycyclic Organic Matter	1.54E-03	1.54E-03	4.13E-03	4.72E-03	5.11E-03	5.15E-03	1.00E-02	1.00E-02	1.34E-04	4.47E-03	3.99E-04	1.09E-04	0.00E+00	
Montana	Carbon County	30009	R	7-PAH	5.00E-04	5.00E-04	9.79E-04	1.03E-03	1.29E-03	1.89E-03	2.07E-03	2.07E-03	9.14E-08	1.29E-03	3.14E-06	1.04E-06	0.00E+00	
Montana	Carbon County	30009	R	Propylene Dichloride	5.42E-08	5.42E-08	2.36E-07	3.63E-07	1.04E-06	7.53E-07	3.78E-06	3.78E-06	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Carbon County	30009	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-10	7.08E-11	8.03E-10	8.03E-10	0.00E+00	1.75E-10	0.00E+00	0.00E+00	0.00E+00	
Montana	Carbon County	30009	R	1,1,2,2-Tetrachloroethane	3.57E-07	3.57E-07	1.02E-06	2.09E-06	8.14E-06	2.89E-06	3.43E-05	3.43E-05	0.00E+00	8.14E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Carbon County	30009	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.12E-02	8.15E-02	8.12E-02	8.30E-02	8.30E-02	8.03E-06	4.71E-04	0.00E+00	0.00E+00	8.10E-02	
Montana	Carbon County	30009	R	Vinyl Chloride	8.81E-07	8.81E-07	2.63E-06	5.15E-06	2.01E-05	7.15E-06	8.45E-05	8.45E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	8.10E-02	
Montana	Carter County	30011	R	Acetaldehyde	5.80E-01	5.80E-01	5.80E-01	5.80E-01	5.80E-01	5.80E-01	5.80E-01	5.80E-01	0.00E+00	5.75E-01	2.23E-04	4.41E-03	0.00E+00	
Montana	Carter County	30011	R	Acrolein	5.02E-02	5.02E-02	5.02E-02	5.02E-02	5.02E-02	5.02E-02	5.02E-02	5.02E-02	0.00E+00	5.01E-02	5.96E-05	6.96E-05	0.00E+00	
Montana	Carter County	30011	R	Acrylonitrile	2.48E-05	2.48E-05	2.48E-05	2.48E-05	2.48E-05	2.48E-05	2.48E-05	2.48E-05	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	Arsenic Compounds	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07	0.00E+00	5.23E-09	6.66E-08	3.98E-07	0.00E+00	
Montana	Carter County	30011	R	Benzene	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	0.00E+00	8.84E-02	7.97E-04	6.59E-04	4.80E-01	
Montana	Carter County	30011	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	
Montana	Carter County	30011	R	Beryllium Compounds	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	1,3-Butadiene	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	0.00E+00	1.37E-02	4.14E-05	4.18E-05	0.00E+00	
Montana	Carter County	30011	R	Cadmium Compounds	6.49E-09	6.49E-09	6.49E-09	6.49E-09	6.49E-09	6.49E-09	6.49E-09	6.49E-09	0.00E+00	6.49E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	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	7.96E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	Carter County	30011	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	4.36E-07	0.00E+00	0.00E+00	8.80E-01	
Montana	Carter County	30011	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	2.16E-06	0.00E+00	0.00E+00	8.30E-02	
Montana	Carter County	30011	R	Chromium Compounds (includes Hexavalent)	4.26E-08	4.26E-08	4.26E-08	4.26E-08	4.26E-08	4.26E-08	4.26E-08	4.26E-08	0.00E+00	4.87E-09	3.24E-08	5.29E-09	0.00E+00	
Montana	Carter County	30011	R	Chromium VI	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	1.77E-08	0.00E+00	2.03E-09	1.39E-08	1.80E-09	0.00E+00	
Montana	Carter County	30011	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	
Montana	Carter County	30011	R	1,4-Dichlorobenzene	2.88E-05	2.88E-05	2.88E-05	2.88E-05	2.88E-05	2.88E-05	2.88E-05	2.88E-05	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	1,3-Dichloropropene	5.23E-05	5.23E-05	5.23E-05	5.23E-05	5.23E-05	5.23E-05	5.23E-05	5.23E-05	0.00E+00	5.23E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	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	1.47E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	Carter County	30011	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	3.00E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	Carter County	30011	R	Ethylene Oxide	6.61E-08	6.61E-08	6.61E-08	6.61E-08	6.61E-08	6.61E-08	6.61E-08	6.61E-08	0.00E+00	6.61E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	Formaldehyde	7.37E-01	7.37E-01	7.37E-01	7.37E-01	7.37E-01	7.37E-01	7.37E-01	7.37E-01	0.00E+00	4.82E-01	3.08E-04	4.81E-03	2.50E-01	
Montana	Carter County	30011	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	1.53E-08	0.00E+00	0.00E+00	9.30E-05	
Montana	Carter County	30011	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	1.65E-10	0.00E+00	0.00E+00	1.80E-03	
Montana	Carter County	30011	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	
Montana	Carter County	30011	R	Hydrazine	1.86E-10	1.86E-10	1.86E-10	1.86E-10	1.86E-10	1.86E-10	1.86E-10	1.86E-10	0.00E+00	1.86E-10	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	Lead Compounds	2.34E-08	2.34E-08	2.34E-08	2.34E-08	2.34E-08	2.34E-08	2.34E-08	2.34E-08	0.00E+00	1.20E-08	0.00E+00	1.14E-08	0.00E+00	
Montana	Carter County	30011	R	Manganese Compounds	7.52E-08	7.52E-08	7.52E-08	7.52E-08	7.52E-08	7.52E-08	7.52E-08	7.52E-08	0.00E+00	3.26E-08	1.29E-08	2.97E-08	0.00E+00	
Montana	Carter County	30011	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	1.31E-08	8.18E-08	3.44E-07	1.50E-03	
Montana	Carter County	30011	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	1.18E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Carter County	30011	R	Nickel Compounds	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	1.03E-07	0.00E+00	2.93E-08	3.25E-08	4.15E-08	0.00E+00	
Montana	Carter County	30011	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	5.60E-05	0.00E+00	0.00E+00	1.40E-01	
Montana	Carter County	30011	R	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	2.90E-07	0.00E+00	0.00E+00	3.80E-04	
Montana	Carter County	30011	R	Polycyclic Organic Matter	4.51E-03	4.51E-03	4.51E-03	4.51E-03	4.51E-03	4.51E-03	4.51E-03	4.51E-03	0.00E+00	4.48E-03	1.44E-05	1.51E-05	0.00E+00	
Montana	Carter County	30011	R	7-PAH	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	1.85E-03	5.72E-08	1.60E-07	0.00E+00	
Montana	Carter County	30011	R	Propylene Dichloride	1.51E-06	1.51E-06	1.51E-06	1.51E-06	1.51E-06	1.51E-06	1.51E-06	1.51E-06	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	Quinoline	1.08E-09	1.08E-09	1.08E-09	1.08E-09	1.08E-09	1.08E-09	1.08E-09	1.08E-09	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	R	1,1,2,2-Tetrachloroethane	1.37E-05	1.37E-05	1.37E-05	1.37E-05	1.37E-05	1.37E-05	1.37E-05	1.37E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Carter County	30011	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	3.25E-05	0.00E+00	0.00E+00	8.10E-02	
Montana	Carter County	30011	R	Vinyl Chloride	3.37E-05	3.37E-05	3.37E-05	3.37E-05	3.37E-05	3.37E-05	3.37E-05	3.37E-05	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Cascade County	30013	U	Acetaldehyde	2.45E-02	2.67E-02	8.10E-02	1.05E-01	1.07E-01	1.31E-01	1.73E-01	2.32E-01	1.63E-05	3.17E-02	4.34E-02	3.15E-02	0.00E+00	
Montana	Cascade County	30013	U	Acrolein	9.56E-03	1.96E-02	2.56E-02	4.20E-02	3.73E-02	4.77E-02	5.15E-02	5.23E-02	1.67E-05	2.68E-02	7.99E-03	2.79E-03	0.00E+00	
Montana	Cascade County	30013	U	Acrylonitrile	9.67E-06	1.33E-05	2.40E-05	3.02E-05	2.77E-05	3.36E-05	3.63E-05	3.68E-05	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Cascade County	30013	U	Arsenic Compounds	2.82E-06	3.94E-06	1.32E-05	2.14E-05	5.88E-05	2.77E-05	5.07E-05	7.53E-05	8.18E-07	4.15E-05	1.07E-05	5.85E-06	0.00E+00	
Montana	Cascade County	30013	U	Benzene	5.26E-01	5.27E-01	6.84E-01	7.87E-01	8.13E-01	9.12E-01	1.20E+00	4.05E-02	8.06E-02	1.76E-01	3.60E-02	4.80E-01	0.00E+00	
Montana	Cascade County	30013	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	
Montana	Cascade County	30013	U	Beryllium Compounds	1.24E-07	1.30E-07	8.78E-07	1.58E-06	2.19E-06	2.73E-06	3.16E-06	3.69E-06	1.11E-07	1.74E-06	0.00E+00	3.40E-07	0.00E+00	
Montana	Cascade County	30013	U	1,3-Butadiene	2.23E-03	6.72E-03	1.48E-02	2.62E-02	2.69E-02	3.32E-02	4.22E-02	6.71E-02	5.66E-05	7.90E-03	1.40E-02	4.97E-03	0.00E+00	
Montana	Cascade County	30013	U	Cadmium Compounds	3.52E-07	5.24E-07	1.97E-06	4.28E-06	4.13E-05	5.46E-06	7.6							

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

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
Montana	Cascade County	30013	U	1,3-Dichloropropene	3.63E-04	9.84E-04	9.86E-03	2.60E-02	2.60E-02	4.13E-02	4.63E-02	4.73E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	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	3.14E-08	0.00E+00	0.00E+00	7.70E-03
Montana	Cascade County	30013	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	3.78E-06	0.00E+00	0.00E+00	6.10E-02
Montana	Cascade County	30013	U	Ethylene Oxide	6.01E-06	1.61E-05	9.88E-05	5.70E-04	7.74E-04	9.92E-04	1.94E-03	2.69E-03	0.00E+00	7.74E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	U	Formaldehyde	2.95E-01	3.47E-01	4.06E-01	4.77E-01	4.65E-01	5.24E-01	5.70E-01	6.19E-01	9.77E-05	1.07E-01	6.30E-02	4.46E-02	2.50E-01
Montana	Cascade County	30013	U	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	0.00E+00	4.97E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Cascade County	30013	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	2.27E-08	0.00E+00	0.00E+00	1.80E-03
Montana	Cascade County	30013	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
Montana	Cascade County	30013	U	Hydrazine	8.68E-12	6.07E-11	5.44E-10	2.20E-09	1.11E-08	1.28E-08	1.82E-08	6.55E-08	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	U	Lead Compounds	1.47E-05	4.63E-05	2.73E-04	5.15E-04	7.88E-04	9.35E-04	2.34E-03	2.59E-03	3.55E-06	2.73E-04	0.00E+00	5.11E-04	0.00E+00
Montana	Cascade County	30013	U	Manganese Compounds	1.96E-06	2.85E-06	1.07E-05	2.07E-05	2.65E-05	2.75E-05	3.71E-05	7.12E-05	7.18E-06	1.58E-05	2.96E-06	5.73E-07	0.00E+00
Montana	Cascade County	30013	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.54E-03	1.55E-03	7.66E-07	5.80E-06	1.06E-05	5.00E-06	1.50E-03
Montana	Cascade County	30013	U	Methylene Chloride	1.51E-01	1.52E-01	1.71E-01	1.93E-01	2.15E-01	2.29E-01	2.51E-01	2.65E-01	1.16E-06	6.46E-02	0.00E+00	0.00E+00	1.50E-01
Montana	Cascade County	30013	U	Nickel Compounds	3.49E-06	6.41E-06	2.08E-05	4.65E-05	5.59E-05	6.74E-05	1.08E-04	1.20E-04	1.31E-05	3.51E-05	6.64E-06	9.88E-07	0.00E+00
Montana	Cascade County	30013	U	Perchloroethylene	1.41E-01	1.41E-01	1.46E-01	1.51E-01	1.72E-01	1.74E-01	2.41E-01	2.49E-01	0.00E+00	3.32E-02	0.00E+00	0.00E+00	1.40E-01
Montana	Cascade County	30013	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	1.39E-09	1.70E-09	0.00E+00	0.00E+00	3.80E-04
Montana	Cascade County	30013	U	Polycyclic Organic Matter	2.64E-03	2.88E-03	1.22E-02	2.45E-02	2.57E-02	3.33E-02	4.21E-02	4.60E-02	6.28E-03	1.51E-02	2.98E-03	1.31E-03	0.00E+00
Montana	Cascade County	30013	U	7-PAH	2.94E-04	5.70E-04	7.94E-04	1.53E-03	1.32E-03	1.76E-03	1.98E-03	2.02E-03	1.27E-07	1.29E-03	1.91E-05	8.77E-06	0.00E+00
Montana	Cascade County	30013	U	Propylene Dichloride	5.78E-07	7.98E-07	1.13E-06	1.49E-06	1.48E-06	1.73E-06	2.12E-06	2.68E-06	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	U	Quinoline	1.15E-10	5.42E-10	2.89E-09	7.51E-09	2.97E-08	3.52E-08	4.89E-08	1.62E-07	0.00E+00	2.97E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	U	1,1,2,2-Tetrachloroethane	4.06E-06	4.52E-06	5.61E-06	7.61E-06	7.74E-06	9.63E-06	1.15E-05	1.21E-05	0.00E+00	7.74E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Cascade County	30013	U	Trichloroethylene	8.11E-02	8.11E-02	8.25E-02	8.63E-02	8.94E-02	8.93E-02	9.54E-02	9.62E-02	0.00E+00	8.41E-03	0.00E+00	0.00E+00	8.10E-02
Montana	Cascade County	30013	U	Vinyl Chloride	1.01E-05	1.13E-05	1.40E-05	2.03E-05	2.00E-05	2.41E-05	2.93E-05	3.09E-05	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	R	Acetaldehyde	3.78E-02	3.78E-02	4.37E-02	6.63E-02	9.15E-02	1.39E-01	1.96E-01	1.96E-01	0.00E+00	7.66E-02	1.50E-03	1.35E-02	0.00E+00
Montana	Chouteau County	30015	R	Acrolein	2.57E-02	2.57E-02	2.58E-02	3.28E-02	6.07E-02	9.57E-02	1.52E-01	1.52E-01	0.00E+00	6.02E-02	2.98E-04	2.07E-04	0.00E+00
Montana	Chouteau County	30015	R	Arsenlonitrile	2.34E-07	2.34E-07	2.76E-07	3.59E-07	4.77E-06	9.27E-06	1.81E-05	1.81E-05	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	R	Arsenic Compounds	1.41E-06	1.41E-06	1.56E-06	2.02E-06	1.95E-06	2.34E-06	2.36E-06	2.36E-06	0.00E+00	2.32E-08	5.12E-07	1.42E-06	0.00E+00
Montana	Chouteau County	30015	R	Benzene	5.29E-01	5.29E-01	5.30E-01	5.47E-01	6.10E-01	6.90E-01	8.17E-01	8.17E-01	0.00E+00	1.23E-01	5.16E-03	1.80E-03	4.80E-01
Montana	Chouteau County	30015	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
Montana	Chouteau County	30015	R	Beryllium Compounds	1.09E-08	1.09E-08	1.57E-08	2.31E-08	4.91E-08	8.26E-08	1.39E-07	1.39E-07	0.00E+00	1.14E-08	0.00E+00	3.78E-08	0.00E+00
Montana	Chouteau County	30015	R	1,3-Butadiene	7.33E-03	7.33E-03	7.60E-03	9.49E-03	2.85E-02	4.94E-02	8.76E-02	8.76E-02	0.00E+00	2.80E-02	3.55E-04	1.10E-04	0.00E+00
Montana	Chouteau County	30015	R	Cadmium Compounds	1.76E-08	1.76E-08	2.43E-08	5.74E-08	7.66E-08	1.29E-07	1.74E-07	1.74E-07	0.00E+00	3.90E-08	0.00E+00	3.76E-08	0.00E+00
Montana	Chouteau County	30015	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	6.37E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Chouteau County	30015	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	1.27E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Chouteau County	30015	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.33E-02	8.35E-02	8.37E-02	8.37E-02	0.00E+00	2.99E-04	0.00E+00	0.00E+00	8.30E-02
Montana	Chouteau County	30015	R	Chromium Compounds (includes Hexavalent)	1.15E-07	1.15E-07	1.49E-07	2.66E-07	3.39E-07	5.28E-07	7.07E-07	7.07E-07	0.00E+00	1.79E-08	2.98E-07	2.29E-08	0.00E+00
Montana	Chouteau County	30015	R	Chromium VI	4.23E-08	4.23E-08	5.51E-08	1.04E-07	1.32E-07	2.08E-07	2.76E-07	2.76E-07	0.00E+00	7.80E-09	1.16E-07	7.79E-09	0.00E+00
Montana	Chouteau County	30015	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
Montana	Chouteau County	30015	R	1,4-Dichlorobenzene	5.05E-05	5.05E-05	6.80E-05	2.59E-04	2.62E-04	4.56E-04	4.79E-04	4.79E-04	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	R	1,3-Dichloropropene	9.88E-05	9.88E-05	1.33E-04	5.23E-04	5.29E-04	9.25E-04	9.72E-04	9.72E-04	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	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	3.07E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Chouteau County	30015	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	5.67E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Chouteau County	30015	R	Ethylene Oxide	5.12E-06	5.12E-06	5.47E-06	6.84E-06	7.05E-06	8.63E-06	9.81E-06	9.81E-06	0.00E+00	7.05E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	R	Formaldehyde	3.75E-01	3.75E-01	3.99E-01	4.25E-01	5.69E-01	7.38E-01	1.05E+00	1.05E+00	0.00E+00	3.00E-01	2.12E-03	1.60E-02	2.50E-01
Montana	Chouteau County	30015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	6.19E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Chouteau County	30015	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-10	0.00E+00	0.00E+00	1.80E-03
Montana	Chouteau County	30015	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
Montana	Chouteau County	30015	R	Hydrazine	1.72E-11	1.72E-11	6.38E-11	1.11E-10	1.17E-10	1.70E-10	2.28E-10	2.28E-10	0.00E+00	1.17E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Chouteau County	30015	R	Lead Compounds	7.26E-07	7.26E-07	1.01E-06	1.79E-06	1.69E-06	2.38E-06	2.48E-06	2.48E-06	0.00E+00	9.31E-07	0.00E+00	7.62E-07	0.00E+00
Montana	Chouteau County	30015	R	Manganese Compounds	1.72E-07	1.72E-07	2.24E-07	4.10E-07	4.06E-07	5.88E-07	6.31E-07	6.31E-07	0.00E+00	2.13E-07	8.00E-08	1.07E-07	0.00E+00
Montana	Chouteau County	30015	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	2.33E-08	5.93E-07	1.27E-06	1.50E-03
Montana	Chouteau County	30015	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Chouteau County	30015	R	Nickel Compounds	2.80E-07	2.80E-07	3.81E-07	5.34E-07	5.39E-07	6.96E-07	8.06E-07	8.06E-07	0.00E+00	1.52E-07	2.32E-07	1.55E-07	0.00E+00
Montana	Chouteau County	30015	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	0.00E+00	6.87E-04	0.00E+00	0.00E+00	1.40E-01
Montana	Chouteau County	30015	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	6.36E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Chouteau County	30015	R	Polycyclic Organic Matter	2.57E-03	2.57E-03	2.64E-03	3.72E-03	7.16E-03	1.17E-02	1.87E-02	1.87E-02	0.00E+00	7.01E-03	9.82E-05	5.52E-05	0.00E+00
Montana	Chouteau County	30015	R	7-PAH	9.97												

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

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	
Montana	Custer County	30017	U	Acrylonitrile	6.73E-06	6.73E-06	7.69E-06	8.31E-06	8.77E-06	1.08E-05	1.08E-05	1.08E-05	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	Arsenic Compounds	1.03E-06	1.03E-06	9.69E-06	1.17E-05	1.10E-05	1.45E-05	1.73E-05	1.73E-05	0.00E+00	1.48E-06	5.85E-06	3.63E-06	0.00E+00	
Montana	Custer County	30017	U	Benzene	5.90E-01	5.90E-01	7.74E-01	8.09E-01	7.93E-01	8.40E-01	9.33E-01	9.33E-01	0.00E+00	1.99E-01	1.07E-01	6.87E-03	4.80E-01	
Montana	Custer County	30017	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
Montana	Custer County	30017	U	Beryllium Compounds	2.54E-07	2.54E-07	8.73E-07	1.81E-06	1.77E-06	2.87E-06	2.97E-06	2.97E-06	0.00E+00	9.27E-07	0.00E+00	8.38E-07	0.00E+00	
Montana	Custer County	30017	U	1,3-Butadiene	1.59E-02	1.59E-02	3.02E-02	3.58E-02	3.40E-02	4.15E-02	4.48E-02	4.48E-02	0.00E+00	2.39E-02	9.20E-03	8.80E-04	0.00E+00	
Montana	Custer County	30017	U	Cadmium Compounds	2.71E-07	2.71E-07	9.09E-07	2.45E-06	2.38E-06	3.99E-06	4.21E-06	4.21E-06	0.00E+00	1.54E-06	0.00E+00	8.37E-07	0.00E+00	
Montana	Custer County	30017	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.73E-02	4.73E-02	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.70E-02	
Montana	Custer County	30017	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	5.76E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Custer County	30017	U	Chloroform	8.32E-02	8.32E-02	8.72E-02	8.92E-02	9.08E-02	9.76E-02	9.86E-02	9.86E-02	0.00E+00	7.82E-03	0.00E+00	0.00E+00	8.30E-02	
Montana	Custer County	30017	U	Chromium Compounds (includes Hexavalent)	4.94E-07	4.94E-07	5.73E-06	6.84E-06	6.07E-06	8.09E-06	8.42E-06	8.42E-06	0.00E+00	1.12E-06	4.70E-06	2.59E-07	0.00E+00	
Montana	Custer County	30017	U	Chromium VI	2.04E-07	2.04E-07	2.41E-06	2.80E-06	2.52E-06	3.41E-06	3.47E-06	3.47E-06	0.00E+00	4.40E-07	1.99E-06	8.79E-08	0.00E+00	
Montana	Custer County	30017	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	
Montana	Custer County	30017	U	1,4-Dichlorobenzene	1.91E-04	1.91E-04	6.07E-03	8.68E-03	1.09E-02	2.00E-02	2.18E-02	2.18E-02	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	1,3-Dichloropropene	3.69E-04	3.69E-04	1.24E-02	1.77E-02	2.23E-02	4.10E-02	4.46E-02	4.46E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	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	2.94E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	Custer County	30017	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	2.46E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	Custer County	30017	U	Ethylene Oxide	2.54E-05	2.54E-05	4.31E-05	8.61E-05	9.29E-05	1.45E-04	1.72E-04	1.72E-04	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	Formaldehyde	5.40E-01	5.40E-01	6.09E-01	6.37E-01	6.38E-01	6.91E-01	7.14E-01	7.14E-01	0.00E+00	3.29E-01	3.67E-02	2.22E-02	2.50E-01	
Montana	Custer County	30017	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.34E-05	9.36E-05	9.39E-05	9.39E-05	0.00E+00	3.60E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	Custer County	30017	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	1.35E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Custer County	30017	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	
Montana	Custer County	30017	U	Hydrazine	1.35E-10	1.35E-10	4.18E-10	3.07E-09	1.19E-08	3.19E-08	3.28E-08	3.28E-08	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	Lead Compounds	2.62E-05	2.62E-05	1.08E-04	2.39E-04	3.12E-04	4.57E-04	8.01E-04	8.01E-04	0.00E+00	6.61E-05	0.00E+00	2.45E-04	0.00E+00	
Montana	Custer County	30017	U	Manganese Compounds	3.29E-07	3.29E-07	3.59E-06	8.36E-06	8.37E-06	1.35E-05	1.61E-05	1.61E-05	0.00E+00	6.60E-06	1.43E-06	3.40E-07	0.00E+00	
Montana	Custer County	30017	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	0.00E+00	2.65E-06	5.79E-06	3.94E-06	1.50E-03	
Montana	Custer County	30017	U	Methylene Chloride	1.50E-01	1.50E-01	1.53E-01	1.57E-01	1.58E-01	1.62E-01	1.68E-01	1.68E-01	0.00E+00	8.07E-03	0.00E+00	0.00E+00	1.50E-01	
Montana	Custer County	30017	U	Nickel Compounds	7.31E-07	7.31E-07	7.41E-06	8.94E-06	1.27E-05	2.32E-05	2.70E-05	2.70E-05	0.00E+00	8.32E-06	3.78E-06	6.11E-07	0.00E+00	
Montana	Custer County	30017	U	Perchloroethylene	1.42E-01	1.42E-01	1.47E-01	1.49E-01	1.49E-01	1.51E-01	1.56E-01	1.56E-01	0.00E+00	8.97E-03	0.00E+00	0.00E+00	1.40E-01	
Montana	Custer County	30017	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.88E-04	4.17E-04	4.22E-04	4.45E-04	4.82E-04	4.82E-04	0.00E+00	4.15E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	Custer County	30017	U	Polycyclic Organic Matter	5.55E-03	5.55E-03	1.37E-02	2.63E-02	2.70E-02	4.28E-02	4.76E-02	4.76E-02	0.00E+00	2.48E-02	1.71E-03	4.89E-04	0.00E+00	
Montana	Custer County	30017	U	7-PAH	2.12E-03	2.12E-03	2.83E-03	3.55E-03	3.56E-03	5.02E-03	5.02E-03	5.02E-03	0.00E+00	3.55E-03	9.16E-06	3.84E-06	0.00E+00	
Montana	Custer County	30017	U	Propylene Dichloride	3.91E-07	3.91E-07	4.55E-07	5.48E-07	7.14E-07	1.17E-06	1.18E-06	1.18E-06	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	Quinoline	1.04E-09	1.04E-09	1.87E-09	1.05E-08	3.21E-08	8.33E-08	8.53E-08	8.53E-08	0.00E+00	3.21E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	1,1,2,2-Tetrachloroethane	3.29E-06	3.29E-06	3.72E-06	3.79E-06	3.76E-06	3.81E-06	4.16E-06	4.16E-06	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Custer County	30017	U	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.15E-02	8.20E-02	8.31E-02	8.34E-02	8.34E-02	0.00E+00	9.66E-04	0.00E+00	0.00E+00	8.10E-02	
Montana	Custer County	30017	U	Vinyl Chloride	8.15E-06	8.15E-06	9.41E-06	1.01E-05	1.02E-05	1.16E-05	1.18E-05	1.18E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Daniels County	30019	R	Acetaldehyde	2.18E-01	2.18E-01	7.05E+00	1.57E+01	1.23E+01	1.76E+01	1.76E+01	1.76E+01	0.00E+00	1.23E+01	3.00E+00	1.74E-02	0.00E+00	
Montana	Daniels County	30019	R	Acrolein	1.02E-02	1.02E-02	1.29E-02	1.75E-02	1.64E-02	1.98E-02	2.03E-02	2.03E-02	0.00E+00	1.60E-02	9.53E-05	2.20E-04	0.00E+00	
Montana	Daniels County	30019	R	Acrylonitrile	1.83E-07	1.83E-07	1.93E-07	2.67E-07	9.67E-07	1.74E-06	3.15E-06	3.15E-06	0.00E+00	9.67E-07	0.00E+00	0.00E+00	0.00E+00	
Montana	Daniels County	30019	R	Arsenic Compounds	1.20E-06	1.20E-06	1.29E-06	1.75E-06	1.75E-06	2.22E-06	2.31E-06	2.31E-06	0.00E+00	1.70E-08	1.07E-07	1.63E-06	0.00E+00	
Montana	Daniels County	30019	R	Benzene	4.97E-01	4.97E-01	5.04E-01	5.15E-01	5.12E-01	5.20E-01	5.20E-01	5.20E-01	0.00E+00	2.90E-02	1.25E-03	1.78E-03	4.80E-01	
Montana	Daniels County	30019	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	
Montana	Daniels County	30019	R	Beryllium Compounds	1.30E-08	1.30E-08	1.48E-08	1.81E-08	2.02E-08	2.56E-08	3.15E-08	3.15E-08	0.00E+00	8.39E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Daniels County	30019	R	1,3-Butadiene	6.54E-04	6.54E-04	2.78E-03	5.46E-03	4.58E-03	6.37E-03	6.74E-03	6.74E-03	0.00E+00	4.38E-03	6.45E-05	1.30E-04	0.00E+00	
Montana	Daniels County	30019	R	Cadmium Compounds	1.86E-08	1.86E-08	2.29E-08	2.93E-08	3.06E-08	3.84E-08	4.53E-08	4.53E-08	0.00E+00	1.89E-08	0.00E+00	1.17E-08	0.00E+00	
Montana	Daniels County	30019	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	3.24E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	Daniels County	30019	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	1.09E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Daniels County	30019	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	8.78E-06	0.00E+00	0.00E+00	8.30E-02	
Montana	Daniels County	30019	R	Chromium Compounds (includes Hexavalent)	5.23E-08	5.23E-08	6.67E-08	9.86E-08	9.31E-08	1.20E-07	1.23E-07	1.23E-07	0.00E+00	1.28E-08	6.43E-08	1.60E-08	0.00E+00	
Montana	Daniels County	30019	R	Chromium VI	1.74E-08	1.74E-08	2.11E-08	3.10E-08	3.01E-08	3.90E-08	4.09E-08	4.09E-08	0.00E+00	5.60E-09	1.90E-08	5.43E-09	0.00E+00	
Montana	Daniels County	30019	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	
Montana	Daniels County	30019	R	1,4-Dichlorobenzene	3.38E-05	3.38E-05	4.92E-05	6.91E-05	6.43E-05	7.94E-05	8.52E-05	8.52E-05	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Daniels County	30019	R	1,3-Dichloropropene	6.41E-05	6.41E-05	9.66E-05	1.38E-04	1.27E-04	1.58E-04	1.68E-04	1.68E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Daniels County	30019	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	3.84E-10	0.00E+00	0.00E+00	7.70E-03	
Montana	Daniels County	30019	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	8.65E-08	0.00E+00	0.00E+00	6.1	

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

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	
Montana	Daniels County	30019	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	1.67E-08	1.36E-07	1.42E-06	1.50E-03
Montana	Daniels County	30019	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	1.50E-01	0.00E+00	3.07E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Daniels County	30019	R	Nickel Compounds	2.20E-07	2.20E-07	2.23E-07	3.04E-07	3.17E-07	4.11E-07	4.41E-07	4.41E-07	4.41E-07	0.00E+00	1.01E-07	4.57E-08	1.71E-07	0.00E+00
Montana	Daniels County	30019	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	1.40E-01	0.00E+00	3.35E-05	0.00E+00	0.00E+00	1.40E-01
Montana	Daniels County	30019	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	0.00E+00	6.30E-07	0.00E+00	0.00E+00	3.80E-04						
Montana	Daniels County	30019	R	Polycyclic Organic Matter	9.11E-04	9.11E-04	1.26E-03	1.83E-03	1.67E-03	2.07E-03	2.10E-03	2.10E-03	2.10E-03	0.00E+00	1.59E-03	2.23E-05	5.75E-05	0.00E+00
Montana	Daniels County	30019	R	7-PAH	3.19E-04	3.19E-04	4.55E-04	6.67E-04	6.02E-04	7.49E-04	7.53E-04	7.53E-04	7.53E-04	0.00E+00	6.01E-04	7.76E-08	3.49E-07	0.00E+00
Montana	Daniels County	30019	R	Propylene Dichloride	5.44E-09	5.44E-09	5.74E-09	7.96E-09	4.99E-08	9.40E-08	1.78E-07	1.78E-07	1.78E-07	0.00E+00	4.99E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Daniels County	30019	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
Montana	Daniels County	30019	R	1,1,2,2-Tetrachloroethane	8.52E-10	8.52E-10	8.98E-10	1.25E-09	3.82E-07	7.63E-07	1.52E-06	1.52E-06	1.52E-06	0.00E+00	3.82E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Daniels County	30019	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	8.10E-02	0.00E+00	2.33E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Daniels County	30019	R	Vinyl Chloride	3.15E-09	3.15E-09	3.32E-09	4.60E-09	9.42E-07	1.88E-06	3.76E-06	3.76E-06	3.76E-06	0.00E+00	9.42E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	U	Acetaldehyde	2.92E-01	2.92E-01	2.92E-01	3.40E-01	3.26E-01	3.45E-01	3.45E-01	3.45E-01	3.45E-01	0.00E+00	3.06E-01	6.74E-03	1.35E-02	0.00E+00
Montana	Dawson County	30021	U	Acrolein	3.66E-02	3.66E-02	3.66E-02	9.20E-02	7.41E-02	9.37E-02	9.37E-02	9.37E-02	9.37E-02	0.00E+00	7.19E-02	1.43E-03	7.48E-04	0.00E+00
Montana	Dawson County	30021	U	Acrylonitrile	7.01E-07	7.01E-07	7.01E-07	1.22E-05	8.37E-06	1.22E-05	1.22E-05	1.22E-05	1.22E-05	0.00E+00	8.37E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	U	Arsenic Compounds	1.67E-06	1.67E-06	1.67E-06	6.83E-06	5.12E-06	6.86E-06	6.86E-06	6.86E-06	6.86E-06	0.00E+00	5.45E-07	2.70E-06	1.88E-06	0.00E+00
Montana	Dawson County	30021	U	Benzene	5.53E-01	5.53E-01	5.53E-01	7.46E-01	6.83E-01	7.48E-01	7.48E-01	7.48E-01	7.48E-01	0.00E+00	1.66E-01	2.91E-02	7.08E-03	4.80E-01
Montana	Dawson County	30021	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
Montana	Dawson County	30021	U	Beryllium Compounds	3.38E-07	3.38E-07	3.38E-07	2.22E-06	1.59E-06	2.23E-06	2.23E-06	2.23E-06	2.23E-06	0.00E+00	2.39E-07	0.00E+00	1.35E-06	0.00E+00
Montana	Dawson County	30021	U	1,3-Butadiene	9.63E-03	9.63E-03	9.63E-03	4.29E-02	3.19E-02	4.30E-02	4.30E-02	4.30E-02	4.30E-02	0.00E+00	2.88E-02	2.21E-03	8.42E-04	0.00E+00
Montana	Dawson County	30021	U	Cadmium Compounds	3.54E-07	3.54E-07	3.54E-07	2.49E-06	1.78E-06	2.50E-06	2.50E-06	2.50E-06	2.50E-06	0.00E+00	4.28E-07	0.00E+00	1.35E-06	0.00E+00
Montana	Dawson County	30021	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	9.37E-05	0.00E+00	0.00E+00	4.70E-02
Montana	Dawson County	30021	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	2.66E-05	0.00E+00	0.00E+00	8.80E-01
Montana	Dawson County	30021	U	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.67E-02	8.56E-02	8.67E-02	8.67E-02	8.67E-02	8.67E-02	0.00E+00	2.57E-03	0.00E+00	0.00E+00	8.30E-02
Montana	Dawson County	30021	U	Chromium Compounds (includes Hexavalent)	5.40E-07	5.40E-07	5.40E-07	3.24E-06	2.35E-06	3.26E-06	3.26E-06	3.26E-06	3.26E-06	0.00E+00	3.85E-07	1.56E-06	4.01E-07	0.00E+00
Montana	Dawson County	30021	U	Chromium VI	2.08E-07	2.08E-07	2.08E-07	1.28E-06	9.26E-07	1.29E-06	1.29E-06	1.29E-06	1.29E-06	0.00E+00	1.94E-07	5.96E-07	1.36E-07	0.00E+00
Montana	Dawson County	30021	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
Montana	Dawson County	30021	U	1,4-Dichlorobenzene	1.93E-04	1.93E-04	1.93E-04	3.57E-03	2.44E-03	3.57E-03	3.57E-03	3.57E-03	3.57E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	U	1,3-Dichloropropene	3.70E-04	3.70E-04	3.70E-04	7.26E-03	4.97E-03	7.27E-03	7.27E-03	7.27E-03	7.27E-03	0.00E+00	4.47E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Dawson County	30021	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	6.10E-02	0.00E+00	1.96E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Dawson County	30021	U	Ethylene Oxide	1.66E-05	1.66E-05	1.66E-05	3.09E-04	2.12E-04	3.09E-04	3.09E-04	3.09E-04	3.09E-04	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	U	Formaldehyde	5.19E-01	5.19E-01	5.19E-01	7.48E-01	6.74E-01	7.55E-01	7.55E-01	7.55E-01	7.55E-01	0.00E+00	3.96E-01	1.08E-02	1.74E-02	2.50E-01
Montana	Dawson County	30021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.64E-07	0.00E+00	0.00E+00	9.30E-05
Montana	Dawson County	30021	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	1.50E-08	0.00E+00	0.00E+00	1.80E-03
Montana	Dawson County	30021	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
Montana	Dawson County	30021	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
Montana	Dawson County	30021	U	Lead Compounds	1.35E-05	1.35E-05	1.35E-05	6.48E-05	5.90E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	0.00E+00	2.03E-05	0.00E+00	3.87E-05	0.00E+00
Montana	Dawson County	30021	U	Manganese Compounds	3.90E-07	3.90E-07	3.90E-07	3.78E-06	2.65E-06	3.78E-06	3.78E-06	3.78E-06	3.78E-06	0.00E+00	1.88E-06	5.07E-07	2.60E-07	0.00E+00
Montana	Dawson County	30021	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	5.05E-07	3.18E-06	3.07E-06	1.50E-03
Montana	Dawson County	30021	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.64E-01	1.60E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	0.00E+00	9.67E-03	0.00E+00	0.00E+00	1.50E-01
Montana	Dawson County	30021	U	Nickel Compounds	7.56E-07	7.56E-07	7.56E-07	8.52E-06	5.94E-06	8.54E-06	8.54E-06	8.54E-06	8.54E-06	0.00E+00	4.15E-06	1.23E-06	5.54E-07	0.00E+00
Montana	Dawson County	30021	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	1.72E-03	0.00E+00	0.00E+00	1.40E-01
Montana	Dawson County	30021	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	4.02E-04	3.95E-04	4.02E-04	4.02E-04	4.02E-04	4.02E-04	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.80E-04
Montana	Dawson County	30021	U	Polycyclic Organic Matter	3.74E-03	3.74E-03	3.74E-03	1.65E-02	1.23E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	0.00E+00	1.14E-02	5.29E-04	3.71E-04	0.00E+00
Montana	Dawson County	30021	U	7-PAH	1.32E-03	1.32E-03	1.32E-03	4.00E-03	3.13E-03	4.05E-03	4.05E-03	4.05E-03	4.05E-03	0.00E+00	3.12E-03	3.80E-06	3.72E-06	0.00E+00
Montana	Dawson County	30021	U	Propylene Dichloride	2.09E-08	2.09E-08	2.09E-08	3.63E-07	2.49E-07	3.63E-07	3.63E-07	3.63E-07	3.63E-07	0.00E+00	2.49E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	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
Montana	Dawson County	30021	U	1,1,2,2-Tetrachloroethane	3.27E-09	3.27E-09	3.27E-09	5.68E-08	3.90E-08	5.69E-08	5.69E-08	5.69E-08	5.69E-08	0.00E+00	3.90E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Dawson County	30021	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.23E-02	8.19E-02	8.23E-02	8.23E-02	8.23E-02	8.23E-02	0.00E+00	8.86E-04	0.00E+00	0.00E+00	8.10E-02
Montana	Dawson County	30021	U	Vinyl Chloride	1.21E-08	1.21E-08	1.21E-08	2.10E-07	1.44E-07	2.10E-07	2.10E-07	2.10E-07	2.10E-07	0.00E+00	1.44E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	Acetaldehyde	2.71E-02	2.71E-02	3.13E-02	5.28E-02	5.38E-02	7.63E-02	8.27E-02	8.27E-02	8.27E-02	0.00E+00	3.68E-02	1.23E-02	4.70E-03	0.00E+00
Montana	Deer Lodge County	30023	U	Acrolein	2.30E-02	2.30E-02	3.42E-02	5.68E-02	5.38E-02	7.35E-02	7.87E-02	7.87E-02	7.87E-02	0.00E+00	5.11E-02	2.32E-03	4.18E-04	

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

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
Montana	Deer Lodge County	30023	U	Chromium VI	2.01E-07	2.01E-07	4.41E-07	1.17E-06	1.14E-06	1.83E-06	2.02E-06	2.02E-06	0.00E+00	2.28E-07	8.79E-07	3.07E-08	0.00E+00
Montana	Deer Lodge County	30023	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
Montana	Deer Lodge County	30023	U	1,4-Dichlorobenzene	2.44E-04	2.44E-04	5.77E-04	3.53E-03	3.42E-03	6.25E-03	6.36E-03	6.36E-03	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	1,3-Dichloropropene	4.57E-04	4.57E-04	1.12E-03	7.14E-03	6.92E-03	1.27E-02	1.30E-02	1.30E-02	0.00E+00	6.92E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	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	2.89E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Deer Lodge County	30023	U	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	7.81E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Deer Lodge County	30023	U	Ethylene Oxide	7.52E-06	7.52E-06	2.67E-05	1.34E-04	1.30E-04	2.32E-04	2.42E-04	2.42E-04	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	Formaldehyde	3.49E-01	3.49E-01	3.88E-01	4.85E-01	4.78E-01	5.68E-01	5.94E-01	5.94E-01	0.00E+00	2.03E-01	1.71E-02	7.88E-03	2.50E-01
Montana	Deer Lodge County	30023	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	1.26E-07	0.00E+00	0.00E+00	9.30E-05
Montana	Deer Lodge County	30023	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	1.89E-08	0.00E+00	0.00E+00	1.80E-03
Montana	Deer Lodge County	30023	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
Montana	Deer Lodge County	30023	U	Hydrazine	5.81E-12	5.81E-12	6.80E-12	8.30E-12	8.68E-12	1.06E-11	1.23E-11	1.23E-11	0.00E+00	8.68E-12	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	Lead Compounds	2.11E-05	2.11E-05	2.85E-05	5.32E-05	5.00E-05	7.16E-05	7.26E-05	7.26E-05	0.00E+00	4.91E-05	0.00E+00	8.99E-07	0.00E+00
Montana	Deer Lodge County	30023	U	Manganese Compounds	2.04E-06	2.04E-06	2.33E-06	4.56E-06	4.47E-06	6.61E-06	6.71E-06	6.71E-06	0.00E+00	3.65E-06	7.00E-07	1.24E-07	0.00E+00
Montana	Deer Lodge County	30023	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	0.00E+00	6.66E-07	3.12E-06	1.41E-06	1.50E-03
Montana	Deer Lodge County	30023	U	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.61E-01	1.61E-01	1.69E-01	1.70E-01	1.70E-01	0.00E+00	1.09E-02	0.00E+00	0.00E+00	1.50E-01
Montana	Deer Lodge County	30023	U	Nickel Compounds	9.95E-07	9.95E-07	1.76E-06	6.23E-06	6.06E-06	1.04E-05	1.08E-05	1.08E-05	0.00E+00	4.31E-06	1.55E-06	2.03E-07	0.00E+00
Montana	Deer Lodge County	30023	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	1.58E-03	0.00E+00	0.00E+00	1.40E-01
Montana	Deer Lodge County	30023	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	3.94E-04	3.93E-04	4.05E-04	4.05E-04	4.05E-04	0.00E+00	1.32E-05	0.00E+00	0.00E+00	3.80E-04
Montana	Deer Lodge County	30023	U	Polycyclic Organic Matter	4.52E-03	4.52E-03	4.68E-03	1.19E-02	1.19E-02	1.91E-02	2.01E-02	2.01E-02	0.00E+00	1.10E-02	7.94E-04	1.14E-04	0.00E+00
Montana	Deer Lodge County	30023	U	7-PAH	8.97E-04	8.97E-04	1.30E-03	2.36E-03	2.28E-03	3.25E-03	3.48E-03	3.48E-03	0.00E+00	2.27E-03	4.09E-06	1.13E-06	0.00E+00
Montana	Deer Lodge County	30023	U	Propylene Dichloride	1.58E-07	1.58E-07	3.88E-07	7.16E-07	6.08E-07	8.28E-07	8.44E-07	8.44E-07	0.00E+00	6.08E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	Quinoline	1.50E-10	1.50E-10	1.66E-10	1.95E-10	2.19E-10	3.38E-10	3.38E-10	3.38E-10	0.00E+00	2.19E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	1,1,2,2-Tetrachloroethane	1.21E-06	1.21E-06	1.82E-06	2.51E-06	2.73E-06	3.64E-06	4.68E-06	4.68E-06	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Deer Lodge County	30023	U	Trichloroethylene	8.11E-02	8.11E-02	8.12E-02	8.20E-02	8.20E-02	8.28E-02	8.28E-02	8.28E-02	0.00E+00	9.75E-04	0.00E+00	0.00E+00	8.10E-02
Montana	Deer Lodge County	30023	U	Vinyl Chloride	2.98E-06	2.98E-06	4.53E-06	6.30E-06	6.78E-06	9.04E-06	1.16E-05	1.16E-05	0.00E+00	6.78E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Fallon County	30025	R	Acetaldehyde	2.78E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	0.00E+00	2.74E-01	3.84E-04	3.74E-03	0.00E+00
Montana	Fallon County	30025	R	Acrolein	2.73E-02	2.73E-02	2.73E-02	2.73E-02	2.73E-02	2.73E-02	2.73E-02	2.73E-02	0.00E+00	2.71E-02	9.28E-05	1.13E-04	0.00E+00
Montana	Fallon County	30025	R	Acrylonitrile	2.51E-07	2.51E-07	2.51E-07	2.51E-07	2.51E-07	2.51E-07	2.51E-07	2.51E-07	0.00E+00	2.51E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Fallon County	30025	R	Arsenic Compounds	6.97E-07	6.97E-07	6.97E-07	6.97E-07	6.97E-07	6.97E-07	6.97E-07	6.97E-07	0.00E+00	1.78E-08	1.19E-07	5.60E-07	0.00E+00
Montana	Fallon County	30025	R	Benzene	5.37E-01	5.37E-01	5.37E-01	5.37E-01	5.37E-01	5.37E-01	5.37E-01	5.37E-01	0.00E+00	5.43E-02	1.31E-03	9.05E-04	4.80E-01
Montana	Fallon County	30025	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
Montana	Fallon County	30025	R	Beryllium Compounds	6.75E-08	6.75E-08	6.75E-08	6.75E-08	6.75E-08	6.75E-08	6.75E-08	6.75E-08	0.00E+00	9.46E-09	0.00E+00	5.80E-08	0.00E+00
Montana	Fallon County	30025	R	1,3-Butadiene	8.55E-03	8.55E-03	8.55E-03	8.55E-03	8.55E-03	8.55E-03	8.55E-03	8.55E-03	0.00E+00	8.41E-03	7.46E-05	6.78E-05	0.00E+00
Montana	Fallon County	30025	R	Cadmium Compounds	7.64E-08	7.64E-08	7.64E-08	7.64E-08	7.64E-08	7.64E-08	7.64E-08	7.64E-08	0.00E+00	1.85E-08	0.00E+00	5.79E-08	0.00E+00
Montana	Fallon County	30025	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	2.81E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Fallon County	30025	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	9.92E-07	0.00E+00	0.00E+00	8.80E-01
Montana	Fallon County	30025	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	5.11E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Fallon County	30025	R	Chromium Compounds (includes Hexavalent)	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	0.00E+00	1.35E-08	6.56E-08	2.31E-08	0.00E+00
Montana	Fallon County	30025	R	Chromium VI	4.33E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	4.33E-08	0.00E+00	5.82E-09	2.96E-08	7.84E-09	0.00E+00
Montana	Fallon County	30025	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
Montana	Fallon County	30025	R	1,4-Dichlorobenzene	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	7.29E-05	0.00E+00	7.29E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Fallon County	30025	R	1,3-Dichloropropene	1.45E-04	1.45E-04	1.45E-04	1.45E-04	1.45E-04	1.45E-04	1.45E-04	1.45E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Fallon County	30025	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Fallon County	30025	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	4.07E-09	0.00E+00	0.00E+00	6.10E-02
Montana	Fallon County	30025	R	Ethylene Oxide	8.70E-06	8.70E-06	8.70E-06	8.70E-06	8.70E-06	8.70E-06	8.70E-06	8.70E-06	0.00E+00	8.70E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Fallon County	30025	R	Formaldehyde	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	0.00E+00	1.58E-01	5.35E-04	4.96E-03	2.50E-01
Montana	Fallon County	30025	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	2.83E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Fallon County	30025	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	4.50E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Fallon County	30025	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
Montana	Fallon County	30025	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
Montana	Fallon County	30025	R	Lead Compounds	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	1.64E-06	0.00E+00	1.43E-06	0.00E+00	2.10E-07	0.00E+00
Montana	Fallon County	30025	R	Manganese Compounds	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07	0.00E+00	6.30E-08	2.47E-08	4.69E-08	0.00E+00
Montana	Fallon County	30025	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	1.70E-08	1.37E-07	5.49E-07	1.50E-03
Montana	Fallon County	30025	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	2.77E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Fallon County	30025	R	Nickel Compounds	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	1.86E-07	0.00E+00	7.03E-08	4.21E-08	7.37E-08	0.00E+00
Montana	Fallon County	30025	R	Perchloroethylene	1.40E-01												

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 Estimated Annual Average Ambient Concentrations µg/m3 for Montana

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		
Montana	Flathead County	30029	R	Hydrazine	4.24E-11	2.04E-10	3.05E-10	9.77E-10	1.72E-08	1.60E-08	1.04E-07	1.05E-07	0.00E+00	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Flathead County	30029	R	Lead Compounds	1.49E-05	2.34E-05	1.25E-04	6.04E-04	8.97E-04	8.52E-04	3.60E-03	3.62E-03	0.00E+00	4.88E-04	0.00E+00	4.08E-04	0.00E+00	0.00E+00	
Montana	Flathead County	30029	R	Manganese Compounds	1.31E-06	4.74E-06	5.86E-06	1.45E-05	4.19E-05	4.00E-05	8.57E-05	2.64E-04	0.00E+00	3.83E-05	2.87E-06	7.88E-07	0.00E+00	0.00E+00	
Montana	Flathead County	30029	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.53E-03	1.55E-03	1.58E-03	1.58E-03	0.00E+00	9.81E-06	1.39E-05	6.54E-06	1.50E-03	0.00E+00	
Montana	Flathead County	30029	R	Methylene Chloride	1.51E-01	1.51E-01	1.58E-01	1.74E-01	2.49E-01	2.81E-01	6.48E-01	6.55E-01	0.00E+00	9.90E-02	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Montana	Flathead County	30029	R	Nickel Compounds	1.74E-06	1.90E-06	1.02E-05	3.02E-05	7.21E-05	8.25E-05	3.33E-04	3.36E-04	0.00E+00	6.39E-05	6.67E-06	1.52E-06	0.00E+00	0.00E+00	
Montana	Flathead County	30029	R	Perchloroethylene	1.40E-01	1.43E-01	1.44E-01	1.48E-01	1.54E-01	1.58E-01	1.93E-01	1.94E-01	0.00E+00	1.42E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Montana	Flathead County	30029	R	Polychlorinated Biphenyls	3.81E-04	3.83E-04	3.92E-04	4.35E-04	4.98E-04	5.97E-04	7.81E-04	7.89E-04	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Montana	Flathead County	30029	R	Polycyclic Organic Matter	3.06E-03	1.81E-02	3.59E-02	5.57E-02	6.91E-02	9.40E-02	1.98E-01	2.07E-01	3.11E-02	3.38E-02	2.91E-03	1.30E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	7-PAH	8.91E-04	5.88E-03	7.97E-03	9.49E-03	1.36E-02	1.02E-02	4.76E-02	5.03E-02	7.35E-03	6.26E-03	2.06E-05	1.38E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	Propylene Dichloride	1.46E-07	2.19E-07	8.28E-07	1.56E-06	4.14E-06	4.04E-06	2.02E-05	2.04E-05	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	Quinoline	3.90E-10	1.39E-09	3.05E-09	5.57E-09	4.69E-08	4.71E-08	2.64E-07	2.66E-07	0.00E+00	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	1,1,2,2-Tetrachloroethane	9.59E-07	1.10E-06	1.72E-06	2.61E-06	5.28E-06	5.05E-06	1.14E-05	2.55E-05	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	Trichloroethylene	8.11E-02	8.11E-02	8.18E-02	8.35E-02	9.52E-02	9.70E-02	1.60E-01	1.60E-01	0.00E+00	1.42E-02	0.00E+00	0.00E+00	8.10E-02	0.00E+00	0.00E+00
Montana	Flathead County	30029	R	Vinyl Chloride	2.41E-06	3.13E-06	4.24E-06	8.09E-06	1.50E-05	2.34E-05	2.83E-05	6.30E-05	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Acetaldehyde	3.34E-02	3.96E-02	5.71E-02	1.10E-01	1.09E-01	1.67E-01	1.68E-01	1.87E-01	0.00E+00	4.77E-02	4.02E-02	2.09E-02	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Acrolein	2.36E-02	3.45E-02	3.92E-02	7.32E-02	6.57E-02	9.10E-02	9.19E-02	9.41E-02	0.00E+00	5.56E-02	7.64E-03	2.52E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Acrylonitrile	2.34E-08	2.34E-06	6.38E-06	2.14E-05	8.58E-05	5.37E-05	7.36E-05	8.69E-04	0.00E+00	8.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Arsenic Compounds	8.38E-07	1.47E-06	5.26E-06	2.31E-05	2.65E-05	5.30E-05	5.96E-05	6.44E-05	1.71E-07	6.96E-06	1.18E-05	7.61E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Benzene	5.61E-01	5.65E-01	6.01E-01	8.20E-01	8.72E-01	1.03E+00	1.32E+00	1.34E+00	0.00E+00	1.70E-01	1.80E-01	4.26E-02	0.00E+00	4.80E-01	0.00E+00
Montana	Gallatin County	30031	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
Montana	Gallatin County	30031	U	Beryllium Compounds	2.29E-08	2.31E-08	8.88E-07	3.28E-06	4.52E-06	9.25E-06	1.08E-05	1.27E-05	0.00E+00	2.72E-06	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	1,3-Butadiene	4.77E-03	8.68E-03	1.12E-02	3.00E-02	3.44E-02	5.87E-02	6.69E-02	7.27E-02	0.00E+00	1.42E-02	1.46E-02	5.31E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Cadmium Compounds	4.27E-08	4.34E-08	1.48E-06	3.94E-06	5.82E-06	1.25E-05	1.31E-05	1.61E-05	3.29E-07	3.70E-06	0.00E+00	1.79E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.81E-02	4.79E-02	4.82E-02	5.86E-02	0.00E+00	1.14E-03	0.00E+00	0.00E+00	4.70E-02	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.82E-01	0.00E+00	2.33E-04	0.00E+00	0.00E+00	8.80E-01	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Chloroform	8.32E-02	8.32E-02	8.46E-02	9.66E-02	1.07E-01	1.20E-01	1.55E-01	1.55E-01	0.00E+00	2.43E-02	0.00E+00	0.00E+00	8.30E-02	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Chromium Compounds (includes Hexavalent)	4.52E-07	7.49E-07	3.29E-06	1.40E-05	1.58E-05	2.99E-05	3.94E-05	3.95E-05	9.00E-07	5.03E-06	8.90E-06	9.81E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Chromium VI	1.84E-07	3.03E-07	1.31E-06	5.69E-06	6.52E-06	1.36E-05	1.53E-05	1.64E-05	5.40E-08	2.61E-06	3.52E-06	3.33E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	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
Montana	Gallatin County	30031	U	1,4-Dichlorobenzene	1.41E-04	1.45E-04	1.01E-03	1.02E-02	1.75E-02	2.44E-02	5.40E-02	5.44E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	1,3-Dichloropropene	2.82E-04	2.92E-04	1.93E-03	2.08E-02	3.57E-02	5.00E-02	1.11E-01	1.11E-01	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	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	7.74E-08	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00
Montana	Gallatin County	30031	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	3.99E-06	0.00E+00	0.00E+00	6.10E-02	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Ethylene Oxide	6.91E-07	7.78E-07	1.51E-05	1.68E-04	6.92E-04	1.07E-03	1.97E-03	2.20E-03	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Formaldehyde	3.61E-01	3.97E-01	4.24E-01	5.89E-01	5.81E-01	7.43E-01	7.53E-01	7.58E-01	5.02E-07	2.22E-01	6.45E-02	4.52E-02	2.50E-01	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.34E-05	9.40E-05	9.50E-05	9.56E-05	9.60E-05	0.00E+00	9.59E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00
Montana	Gallatin County	30031	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	1.35E-07	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00
Montana	Gallatin County	30031	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
Montana	Gallatin County	30031	U	Hydrazine	1.20E-10	1.22E-10	8.47E-10	2.76E-09	3.20E-08	2.06E-08	6.73E-08	2.75E-07	0.00E+00	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Lead Compounds	3.17E-05	6.79E-05	9.38E-05	1.80E-04	2.95E-04	5.41E-04	6.07E-04	6.52E-04	2.00E-06	1.57E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Manganese Compounds	3.35E-07	4.51E-07	8.52E-06	1.50E-05	2.28E-05	4.47E-05	5.23E-05	5.51E-05	1.78E-07	1.89E-05	2.88E-06	8.27E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.53E-03	1.53E-03	1.56E-03	1.56E-03	1.57E-03	2.33E-06	8.28E-06	1.22E-05	8.19E-06	1.50E-03	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Methylene Chloride	1.51E-01	1.51E-01	1.55E-01	1.86E-01	2.64E-01	4.57E-01	4.65E-01	5.12E-01	0.00E+00	1.14E-01	0.00E+00	0.00E+00	1.50E-01	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Nickel Compounds	7.14E-07	9.51E-07	8.74E-06	3.98E-05	7.11E-05	1.69E-04	1.89E-04	1.95E-04	1.41E-06	6.15E-05	6.65E-06	1.54E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.49E-01	1.55E-01	1.68E-01	1.78E-01	1.79E-01	0.00E+00	1.45E-02	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.86E-04	4.22E-04	4.92E-04	6.13E-04	6.92E-04	7.36E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Polycyclic Organic Matter	4.34E-03	4.64E-03	6.78E-03	1.83E-02	2.58E-02	4.11E-02	6.38E-02	6.47E-02	0.00E+00	2.19E-02	2.95E-03	9.83E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	7-PAH	7.03E-04	1.20E-03	1.28E-03	2.79E-03	2.71E-03	3.87E-03	4.58E-03	4.79E-03	2.10E-07	2.68E-03	1.92E-05	9.28E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Propylene Dichloride	5.27E-09	1.45E-07	2.74E-07	1.06E-06	3.47E-06	2.96E-06	3.59E-06	3.16E-05	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Gallatin County	30031	U	Quinoline	5.83E-10	5.88E-10	7.33E-09	1.83E-08	9.20E-08	7.16E-08	1.88E-07	7.25E							

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

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	
Montana	Garfield County	30033	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	2.54E-07	0.00E+00	0.00E+00	8.80E-01
Montana	Garfield County	30033	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	8.30E-02	0.00E+00	1.31E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Garfield County	30033	R	Chromium Compounds (includes Hexavalent)	5.11E-08	5.11E-08	5.11E-08	5.11E-08	5.11E-08	5.11E-08	5.11E-08	5.11E-08	5.11E-08	0.00E+00	2.92E-09	2.49E-08	2.34E-08	0.00E+00
Montana	Garfield County	30033	R	Chromium VI	1.99E-08	1.99E-08	1.99E-08	1.99E-08	1.99E-08	1.99E-08	1.99E-08	1.99E-08	1.99E-08	0.00E+00	1.27E-09	1.07E-08	7.94E-09	0.00E+00
Montana	Garfield County	30033	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
Montana	Garfield County	30033	R	1,4-Dichlorobenzene	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	1.91E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Garfield County	30033	R	1,3-Dichloropropene	3.80E-05	3.80E-05	3.80E-05	3.80E-05	3.80E-05	3.80E-05	3.80E-05	3.80E-05	3.80E-05	0.00E+00	3.80E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Garfield County	30033	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	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Garfield County	30033	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	6.10E-02	0.00E+00	1.05E-09	0.00E+00	0.00E+00	6.10E-02
Montana	Garfield County	30033	R	Ethylene Oxide	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.70E-08	3.70E-08	0.00E+00	3.70E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Garfield County	30033	R	Formaldehyde	2.07E+01	2.07E+01	2.07E+01	2.07E+01	2.07E+01	2.07E+01	2.07E+01	2.07E+01	2.07E+01	0.00E+00	2.04E+01	2.40E-04	5.95E-03	2.50E-01
Montana	Garfield County	30033	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	9.30E-05	0.00E+00	1.69E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Garfield County	30033	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	1.15E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Garfield County	30033	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
Montana	Garfield County	30033	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
Montana	Garfield County	30033	R	Lead Compounds	8.95E-08	8.95E-08	8.95E-08	8.95E-08	8.95E-08	8.95E-08	8.95E-08	8.95E-08	8.95E-08	0.00E+00	8.63E-09	0.00E+00	8.09E-08	0.00E+00
Montana	Garfield County	30033	R	Manganese Compounds	7.00E-08	7.00E-08	7.00E-08	7.00E-08	7.00E-08	7.00E-08	7.00E-08	7.00E-08	7.00E-08	0.00E+00	2.53E-08	9.89E-09	3.48E-08	0.00E+00
Montana	Garfield County	30033	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	4.11E-09	6.20E-08	3.38E-07	1.50E-03
Montana	Garfield County	30033	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	1.50E-01	0.00E+00	6.77E-05	0.00E+00	0.00E+00	1.50E-01
Montana	Garfield County	30033	R	Nickel Compounds	9.34E-08	9.34E-08	9.34E-08	9.34E-08	9.34E-08	9.34E-08	9.34E-08	9.34E-08	9.34E-08	0.00E+00	1.80E-08	2.32E-08	5.22E-08	0.00E+00
Montana	Garfield County	30033	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	1.40E-01	0.00E+00	8.22E-06	0.00E+00	0.00E+00	1.40E-01
Montana	Garfield County	30033	R	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	3.80E-04	0.00E+00	2.24E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Garfield County	30033	R	Polycyclic Organic Matter	4.78E-03	4.78E-03	4.78E-03	4.78E-03	4.78E-03	4.78E-03	4.78E-03	4.78E-03	4.78E-03	0.00E+00	4.47E-03	1.09E-05	2.27E-05	0.00E+00
Montana	Garfield County	30033	R	7-PAH	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	0.00E+00	1.96E-03	4.12E-08	8.08E-07	0.00E+00
Montana	Garfield County	30033	R	Propylene Dichloride	1.91E-09	1.91E-09	1.91E-09	1.91E-09	1.91E-09	1.91E-09	1.91E-09	1.91E-09	1.91E-09	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Garfield County	30033	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
Montana	Garfield County	30033	R	1,1,2,2-Tetrachloroethane	3.00E-10	3.00E-10	3.00E-10	3.00E-10	3.00E-10	3.00E-10	3.00E-10	3.00E-10	3.00E-10	0.00E+00	3.00E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Garfield County	30033	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	8.10E-02	0.00E+00	4.63E-06	0.00E+00	0.00E+00	8.10E-02
Montana	Garfield County	30033	R	Vinyl Chloride	1.11E-09	1.11E-09	1.11E-09	1.11E-09	1.11E-09	1.11E-09	1.11E-09	1.11E-09	1.11E-09	0.00E+00	1.11E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Glacier County	30035	R	Acetaldehyde	3.76E-02	3.76E-02	4.18E-02	7.61E-02	6.56E-02	8.18E-02	9.07E-02	9.07E-02	0.00E+00	4.53E-02	8.23E-03	1.20E-02	0.00E+00	
Montana	Glacier County	30035	R	Acrolein	1.94E-02	1.94E-02	2.88E-02	3.70E-02	4.21E-02	4.61E-02	7.91E-02	7.91E-02	0.00E+00	3.99E-02	1.54E-03	6.14E-04	0.00E+00	
Montana	Glacier County	30035	R	Acrylonitrile	1.04E-08	1.04E-08	6.51E-07	1.29E-06	5.27E-06	6.87E-06	1.75E-05	1.75E-05	0.00E+00	5.72E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Glacier County	30035	R	Arsenic Compounds	1.81E-07	1.81E-07	2.67E-06	2.78E-06	6.28E-06	3.98E-06	2.18E-05	2.18E-05	0.00E+00	2.66E-07	3.53E-06	2.48E-06	0.00E+00	
Montana	Glacier County	30035	R	Benzene	5.46E-01	5.46E-01	5.58E-01	5.60E-01	6.11E-01	6.27E-01	7.65E-01	7.65E-01	0.00E+00	9.13E-02	3.49E-02	5.25E-03	4.80E-01	
Montana	Glacier County	30035	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
Montana	Glacier County	30035	R	Beryllium Compounds	2.25E-07	2.25E-07	4.55E-07	5.28E-07	7.39E-07	6.50E-07	1.84E-06	1.84E-06	0.00E+00	1.36E-07	0.00E+00	6.04E-07	0.00E+00	
Montana	Glacier County	30035	R	1,3-Butadiene	2.06E-03	2.06E-03	6.54E-03	7.19E-03	1.27E-02	2.07E-02	2.71E-02	2.71E-02	0.00E+00	9.41E-03	2.86E-03	4.59E-04	0.00E+00	
Montana	Glacier County	30035	R	Cadmium Compounds	2.25E-07	2.25E-07	5.11E-07	5.81E-07	9.22E-07	2.40E-06	2.40E-06	2.40E-06	0.00E+00	3.20E-07	0.00E+00	6.02E-07	0.00E+00	
Montana	Glacier County	30035	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.70E-02	4.72E-02	4.72E-02	0.00E+00	5.33E-05	0.00E+00	0.00E+00	4.70E-02	
Montana	Glacier County	30035	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	1.54E-05	0.00E+00	0.00E+00	8.80E-01	
Montana	Glacier County	30035	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.34E-02	8.34E-02	0.00E+00	1.07E-04	0.00E+00	0.00E+00	8.30E-02	
Montana	Glacier County	30035	R	Chromium Compounds (includes Hexavalent)	1.09E-07	1.09E-07	6.68E-07	9.00E-07	2.45E-06	1.10E-06	9.46E-06	9.46E-06	0.00E+00	1.91E-07	2.07E-06	1.91E-07	0.00E+00	
Montana	Glacier County	30035	R	Chromium VI	3.94E-08	3.94E-08	2.62E-07	3.54E-07	9.80E-07	4.38E-07	3.81E-06	3.81E-06	0.00E+00	8.80E-08	8.27E-07	6.51E-08	0.00E+00	
Montana	Glacier County	30035	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	
Montana	Glacier County	30035	R	1,4-Dichlorobenzene	7.01E-06	7.01E-06	3.76E-04	6.27E-04	2.23E-03	6.60E-04	9.50E-03	9.50E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Glacier County	30035	R	1,3-Dichloropropene	1.32E-05	1.32E-05	7.41E-04	1.24E-03	4.54E-03	1.32E-03	1.94E-02	1.94E-02	0.00E+00	4.54E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Glacier County	30035	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	3.17E-10	0.00E+00	0.00E+00	7.70E-03	
Montana	Glacier County	30035	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	2.16E-07	0.00E+00	0.00E+00	6.10E-02	
Montana	Glacier County	30035	R	Ethylene Oxide	1.68E-08	1.68E-08	1.85E-06	3.44E-06	2.37E-05	1.11E-05	1.02E-04	1.02E-04	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Glacier County	30035	R	Formaldehyde	3.55E-01	3.55E-01	3.83E-01	4.03E-01	4.44E-01	4.77E-01	6.04E-01	6.04E-01	0.00E+00	1.62E-01	1.35E-02	1.88E-02	2.50E-01	
Montana	Glacier County	30035	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.35E-05	9.35E-05	0.00E+00	1.79E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	Glacier County	30035	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	8.50E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Glacier County	30035	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	
Montana	Glacier County	30035	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-13	0.00E+00	2.86E-12	2.86E-12	0.00E+00	5.71E-13	0.00E+00	0.00E+00	0.00E+00	
Montana	Glacier County	30035	R	Lead Compounds	8.26E-07	8.26E-07	6.35E-06	8.27E-06	5.32E-0									

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

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	
Montana	Glacier County	30035	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-11	0.00E+00	1.25E-10	1.25E-10	0.00E+00	2.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Glacier County	30035	R	1,1,2,2-Tetrachloroethane	4.87E-11	4.87E-11	3.04E-09	6.03E-09	3.14E-07	8.17E-08	1.48E-06	1.48E-06	0.00E+00	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Glacier County	30035	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.13E-02	8.12E-02	8.22E-02	8.22E-02	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Montana	Glacier County	30035	R	Vinyl Chloride	1.80E-10	1.80E-10	1.12E-08	2.23E-08	8.02E-07	3.02E-07	3.67E-06	3.67E-06	0.00E+00	8.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Acetaldehyde	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	0.00E+00	1.50E-02	2.94E-04	1.17E-03	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Acrolein	1.98E-02	1.98E-02	1.98E-02	1.98E-02	1.98E-02	1.98E-02	1.98E-02	1.98E-02	0.00E+00	1.97E-02	5.36E-05	4.90E-05	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Acrylonitrile	8.69E-08	8.69E-08	8.69E-08	8.69E-08	8.69E-08	8.69E-08	8.69E-08	8.69E-08	0.00E+00	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Arsenic Compounds	2.54E-07	2.54E-07	2.54E-07	2.54E-07	2.54E-07	2.54E-07	2.54E-07	2.54E-07	0.00E+00	4.78E-09	7.37E-08	1.75E-07	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Benzene	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.18E-01	5.18E-01	0.00E+00	3.68E-02	7.96E-04	4.25E-04	4.80E-01	0.00E+00
Montana	Golden Valley County	30037	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
Montana	Golden Valley County	30037	R	Beryllium Compounds	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	3.19E-08	0.00E+00	2.91E-09	0.00E+00	2.90E-08	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	1,3-Butadiene	7.05E-03	7.05E-03	7.05E-03	7.05E-03	7.05E-03	7.05E-03	7.05E-03	7.05E-03	0.00E+00	6.96E-03	4.74E-05	4.12E-05	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Cadmium Compounds	3.50E-08	3.50E-08	3.50E-08	3.50E-08	3.50E-08	3.50E-08	3.50E-08	3.50E-08	0.00E+00	6.09E-09	0.00E+00	2.89E-08	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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	9.73E-07	0.00E+00	0.00E+00	0.00E+00	4.70E-02
Montana	Golden Valley County	30037	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	3.45E-07	0.00E+00	0.00E+00	0.00E+00	8.80E-01
Montana	Golden Valley County	30037	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	1.80E-06	0.00E+00	0.00E+00	0.00E+00	8.30E-02
Montana	Golden Valley County	30037	R	Chromium Compounds (includes Hexavalent)	5.27E-08	5.27E-08	5.27E-08	5.27E-08	5.27E-08	5.27E-08	5.27E-08	5.27E-08	0.00E+00	3.60E-09	3.79E-08	1.12E-08	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Chromium VI	2.23E-08	2.23E-08	2.23E-08	2.23E-08	2.23E-08	2.23E-08	2.23E-08	2.23E-08	0.00E+00	1.46E-09	1.71E-08	3.82E-09	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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
Montana	Golden Valley County	30037	R	1,4-Dichlorobenzene	2.72E-05	2.72E-05	2.72E-05	2.72E-05	2.72E-05	2.72E-05	2.72E-05	2.72E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	1,3-Dichloropropene	5.43E-05	5.43E-05	5.43E-05	5.43E-05	5.43E-05	5.43E-05	5.43E-05	5.43E-05	0.00E+00	5.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Golden Valley County	30037	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	1.46E-09	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Montana	Golden Valley County	30037	R	Ethylene Oxide	5.13E-08	5.13E-08	5.13E-08	5.13E-08	5.13E-08	5.13E-08	5.13E-08	5.13E-08	0.00E+00	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Formaldehyde	3.36E-01	3.36E-01	3.36E-01	3.36E-01	3.36E-01	3.36E-01	3.36E-01	3.36E-01	0.00E+00	8.35E-02	3.44E-04	1.76E-03	2.50E-01	0.00E+00
Montana	Golden Valley County	30037	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	1.41E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Montana	Golden Valley County	30037	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	1.56E-10	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Montana	Golden Valley County	30037	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
Montana	Golden Valley County	30037	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
Montana	Golden Valley County	30037	R	Lead Compounds	1.23E-07	1.23E-07	1.23E-07	1.23E-07	1.23E-07	1.23E-07	1.23E-07	1.23E-07	0.00E+00	1.11E-08	0.00E+00	1.12E-07	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Manganese Compounds	5.06E-08	5.06E-08	5.06E-08	5.06E-08	5.06E-08	5.06E-08	5.06E-08	5.06E-08	0.00E+00	2.80E-08	6.75E-09	1.59E-08	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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	5.66E-09	8.34E-08	1.81E-07	1.50E-03	0.00E+00
Montana	Golden Valley County	30037	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	8.62E-05	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Montana	Golden Valley County	30037	R	Nickel Compounds	7.94E-08	7.94E-08	7.94E-08	7.94E-08	7.94E-08	7.94E-08	7.94E-08	7.94E-08	0.00E+00	2.83E-08	2.43E-08	2.68E-08	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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	1.10E-05	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Montana	Golden Valley County	30037	R	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	3.36E-07	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Montana	Golden Valley County	30037	R	Polycyclic Organic Matter	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	0.00E+00	2.01E-03	1.53E-05	1.21E-05	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	7-PAH	8.12E-04	8.12E-04	8.12E-04	8.12E-04	8.12E-04	8.12E-04	8.12E-04	8.12E-04	0.00E+00	8.11E-04	5.23E-08	1.97E-07	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	R	Propylene Dichloride	2.59E-09	2.59E-09	2.59E-09	2.59E-09	2.59E-09	2.59E-09	2.59E-09	2.59E-09	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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
Montana	Golden Valley County	30037	R	1,1,2,2-Tetrachloroethane	4.05E-10	4.05E-10	4.05E-10	4.05E-10	4.05E-10	4.05E-10	4.05E-10	4.05E-10	0.00E+00	4.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Golden Valley County	30037	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	4.28E-06	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Montana	Golden Valley County	30037	R	Vinyl Chloride	1.50E-09	1.50E-09	1.50E-09	1.50E-09	1.50E-09	1.50E-09	1.50E-09	1.50E-09	0.00E+00	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Acetaldehyde	4.90E-02	4.90E-02	4.90E-02	4.90E-02	4.90E-02	4.90E-02	4.90E-02	4.90E-02	0.00E+00	4.09E-02	2.74E-03	5.38E-03	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Acrolein	5.49E-02	5.49E-02	5.49E-02	5.49E-02	5.49E-02	5.49E-02	5.49E-02	5.49E-02	0.00E+00	5.41E-02	5.38E-04	3.45E-04	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Acrylonitrile	6.37E-07	6.37E-07	6.37E-07	6.37E-07	6.37E-07	6.37E-07	6.37E-07	6.37E-07	0.00E+00	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Arsenic Compounds	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	1.13E-06	0.00E+00	6.58E-08	6.63E-07	4.01E-07	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Benzene	5.85E-01	5.85E-01	5.85E-01	5.85E-01	5.85E-01	5.85E-01	5.85E-01	5.85E-01	0.00E+00	9.67E-02	6.78E-03	1.15E-03	4.80E-01	0.00E+00
Montana	Granite County	30039	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
Montana	Granite County	30039	R	Beryllium Compounds	8.33E-07	8.33E-07	8.33E-07	8.33E-07	8.33E-07	8.33E-07	8.33E-07	8.33E-07	0.00E+00	1.91E-08	0.00E+00	8.14E-07	0.00E+00	0.00E+00
Montana	Granite County	30039	R	1,3-Butadiene	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	1.48E-02	0.00E+00	1.43E-02	3.07E-04	1.41E-04	0.00E+00	0.00E+00
Montana	Granite County	30039	R	Cadmium Compounds	8.60E-07	8.60E-07	8.60E-07	8.60E-07	8.60E-07	8.60E-07	8.60E-07	8.60E-07	0.00E+00	4.98E-08	0.00E+00	8.11E-07	0.00E+00	0.00E+00
Montana	Granite County	30039	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	7.14E-06	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Montana	Granite County	30039	R															

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

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	
Montana	Granite County	30039	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	9.30E-05	0.00E+00	2.35E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Granite County	30039	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	1.14E-09	0.00E+00	0.00E+00	1.80E-03
Montana	Granite County	30039	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
Montana	Granite County	30039	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
Montana	Granite County	30039	R	Lead Compounds	3.28E-06	3.28E-06	3.28E-06	3.28E-06	3.28E-06	3.28E-06	3.28E-06	3.28E-06	3.28E-06	0.00E+00	3.67E-07	0.00E+00	2.91E-06	0.00E+00
Montana	Granite County	30039	R	Manganese Compounds	4.50E-06	4.50E-06	4.50E-06	4.50E-06	4.50E-06	4.50E-06	4.50E-06	4.50E-06	4.50E-06	0.00E+00	4.28E-06	1.15E-07	9.77E-08	0.00E+00
Montana	Granite County	30039	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	4.78E-08	7.59E-07	1.33E-06	1.50E-03
Montana	Granite County	30039	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	6.29E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Granite County	30039	R	Nickel Compounds	1.17E-06	1.17E-06	1.17E-06	1.17E-06	1.17E-06	1.17E-06	1.17E-06	1.17E-06	1.17E-06	0.00E+00	6.44E-07	2.84E-07	2.38E-07	0.00E+00
Montana	Granite County	30039	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	1.40E-01	0.00E+00	7.07E-05	0.00E+00	0.00E+00	1.40E-01
Montana	Granite County	30039	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	3.81E-04	0.00E+00	1.36E-06	0.00E+00	0.00E+00	3.80E-04
Montana	Granite County	30039	R	Polycyclic Organic Matter	5.73E-03	5.73E-03	5.73E-03	5.73E-03	5.73E-03	5.73E-03	5.73E-03	5.73E-03	5.73E-03	0.00E+00	5.46E-03	1.29E-04	1.40E-04	0.00E+00
Montana	Granite County	30039	R	7-PAH	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	0.00E+00	2.10E-03	9.27E-07	1.87E-06	0.00E+00
Montana	Granite County	30039	R	Propylene Dichloride	1.90E-08	1.90E-08	1.90E-08	1.90E-08	1.90E-08	1.90E-08	1.90E-08	1.90E-08	1.90E-08	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Granite County	30039	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
Montana	Granite County	30039	R	1,1,2,2-Tetrachloroethane	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	2.97E-09	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Granite County	30039	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	8.10E-02	0.00E+00	4.70E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Granite County	30039	R	Vinyl Chloride	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	1.10E-08	0.00E+00	1.10E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U	Acetaldehyde	3.61E-02	3.61E-02	4.07E-02	4.98E-01	3.19E-01	5.09E-01	5.36E-01	5.36E-01	5.36E-01	0.00E+00	2.96E-01	1.11E-02	1.19E-02	0.00E+00
Montana	Hill County	30041	U	Acrolein	1.14E-02	1.14E-02	2.15E-02	6.28E-02	5.46E-02	6.77E-02	9.34E-02	9.34E-02	9.34E-02	0.00E+00	5.18E-02	2.20E-03	6.50E-04	0.00E+00
Montana	Hill County	30041	U	Acrylonitrile	2.36E-07	2.36E-07	3.98E-07	1.17E-05	1.85E-05	4.35E-05	5.62E-05	5.62E-05	5.62E-05	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U	Arsenic Compounds	1.50E-06	1.50E-06	1.99E-06	5.97E-06	6.93E-06	9.81E-06	1.81E-05	1.81E-05	1.81E-05	0.00E+00	1.03E-06	3.72E-06	2.17E-06	0.00E+00
Montana	Hill County	30041	U	Benzene	5.01E-01	5.01E-01	5.50E-01	6.76E-01	6.77E-01	7.47E-01	9.05E-01	9.05E-01	9.05E-01	0.00E+00	1.29E-01	5.94E-02	8.69E-03	4.80E-01
Montana	Hill County	30041	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
Montana	Hill County	30041	U	Beryllium Compounds	1.61E-07	1.61E-07	1.92E-07	7.63E-07	1.39E-06	3.29E-06	3.71E-06	3.71E-06	3.71E-06	0.00E+00	4.21E-07	0.00E+00	9.70E-07	0.00E+00
Montana	Hill County	30041	U	1,3-Butadiene	9.33E-04	9.33E-04	9.25E-03	2.35E-02	2.33E-02	3.92E-02	3.94E-02	3.94E-02	3.94E-02	0.00E+00	1.72E-02	5.13E-03	1.00E-03	0.00E+00
Montana	Hill County	30041	U	Cadmium Compounds	1.97E-07	1.97E-07	2.28E-07	9.05E-07	1.62E-06	3.79E-06	4.32E-06	4.32E-06	4.32E-06	0.00E+00	6.47E-07	0.00E+00	9.68E-07	0.00E+00
Montana	Hill County	30041	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.73E-02	4.76E-02	4.78E-02	4.78E-02	4.78E-02	0.00E+00	2.60E-04	0.00E+00	0.00E+00	4.70E-02
Montana	Hill County	30041	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	5.49E-05	0.00E+00	0.00E+00	8.80E-01
Montana	Hill County	30041	U	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.57E-02	8.57E-02	8.69E-02	9.22E-02	9.22E-02	9.22E-02	0.00E+00	2.73E-03	0.00E+00	0.00E+00	8.30E-02
Montana	Hill County	30041	U	Chromium Compounds (includes Hexavalent)	1.81E-07	1.81E-07	4.48E-07	3.42E-06	4.06E-06	6.48E-06	1.22E-05	1.22E-05	1.22E-05	0.00E+00	7.44E-07	3.00E-06	3.22E-07	0.00E+00
Montana	Hill County	30041	U	Chromium VI	6.87E-08	6.87E-08	1.82E-07	1.41E-06	1.72E-06	2.83E-06	5.18E-06	5.18E-06	5.18E-06	0.00E+00	3.91E-07	1.22E-06	1.09E-07	0.00E+00
Montana	Hill County	30041	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
Montana	Hill County	30041	U	1,4-Dichlorobenzene	5.72E-05	5.72E-05	2.01E-04	6.23E-03	6.19E-03	7.87E-03	2.22E-02	2.22E-02	2.22E-02	0.00E+00	6.19E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U	1,3-Dichloropropene	1.11E-04	1.11E-04	4.01E-04	1.27E-02	1.26E-02	1.60E-02	4.54E-02	4.54E-02	4.54E-02	0.00E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	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	1.47E-08	0.00E+00	0.00E+00	7.70E-03
Montana	Hill County	30041	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	6.10E-02	0.00E+00	7.83E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Hill County	30041	U	Ethylene Oxide	2.46E-06	2.46E-06	6.23E-06	7.91E-04	6.20E-04	8.05E-04	1.93E-03	1.93E-03	1.93E-03	0.00E+00	6.20E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U	Formaldehyde	3.23E-01	3.23E-01	3.66E-01	7.47E-01	6.37E-01	7.65E-01	8.16E-01	8.16E-01	8.16E-01	0.00E+00	3.50E-01	2.07E-02	1.65E-02	2.50E-01
Montana	Hill County	30041	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.33E-05	9.35E-05	9.39E-05	9.39E-05	9.39E-05	0.00E+00	3.04E-07	0.00E+00	0.00E+00	9.30E-05
Montana	Hill County	30041	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	3.19E-08	0.00E+00	0.00E+00	1.80E-03
Montana	Hill County	30041	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
Montana	Hill County	30041	U	Hydrazine	1.04E-11	1.04E-11	1.37E-11	5.70E-09	6.33E-09	1.12E-08	2.11E-08	2.11E-08	2.11E-08	0.00E+00	6.33E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U	Lead Compounds	3.00E-06	3.00E-06	3.95E-06	3.52E-05	6.27E-05	1.42E-04	1.58E-04	1.58E-04	1.58E-04	0.00E+00	2.65E-05	0.00E+00	3.61E-05	0.00E+00
Montana	Hill County	30041	U	Manganese Compounds	2.58E-07	2.58E-07	6.92E-07	2.62E-06	3.57E-06	6.95E-06	1.01E-05	1.01E-05	1.01E-05	0.00E+00	2.50E-06	8.22E-07	2.53E-07	0.00E+00
Montana	Hill County	30041	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	0.00E+00	1.12E-06	3.72E-06	2.85E-06	1.50E-03
Montana	Hill County	30041	U	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.68E-01	1.72E-01	1.91E-01	2.18E-01	2.18E-01	2.18E-01	0.00E+00	2.15E-02	0.00E+00	0.00E+00	1.50E-01
Montana	Hill County	30041	U	Nickel Compounds	3.83E-07	3.83E-07	6.52E-07	7.34E-06	9.27E-06	1.77E-05	2.82E-05	2.82E-05	2.82E-05	0.00E+00	6.58E-06	2.19E-06	5.02E-07	0.00E+00
Montana	Hill County	30041	U	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.46E-01	1.46E-01	1.48E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	5.79E-03	0.00E+00	0.00E+00	1.40E-01
Montana	Hill County	30041	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	4.05E-04	4.12E-04	4.36E-04	4.92E-04	4.92E-04	4.92E-04	0.00E+00	3.18E-05	0.00E+00	0.00E+00	3.80E-04
Montana	Hill County	30041	U	Polycyclic Organic Matter	1.11E-03	1.11E-03	3.59E-03	1.17E-02	1.29E-02	1.90E-02	3.06E-02	3.06E-02	3.06E-02	0.00E+00	1.15E-02	1.01E-03	3.22E-04	0.00E+00
Montana	Hill County	30041	U	7-PAH	3.72E-04	3.72E-04	8.83E-04	2.56E-03	2.35E-03	3.18E-03	4.06E-03	4.06E-03	4.06E-03	0.00E+00	2.34E-03	5.99E-06	3.17E-06	0.00E+00
Montana	Hill County	30041	U	Propylene Dichloride	9.52E-09	9.52E-09	1.34E-08	4.84E-07	6.92E-07	1.55E-06	2.11E-06	2.11E-06	2.11E-06	0.00E+00	6.92E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Hill County	30041	U															

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

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	
Montana	Jefferson County	30043	R	1,3-Butadiene	9.04E-03	9.04E-03	9.04E-03	1.17E-02	1.21E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	0.00E+00	1.05E-02	1.41E-03	1.10E-04	0.00E+00
Montana	Jefferson County	30043	R	Cadmium Compounds	3.26E-07	3.26E-07	3.26E-07	1.13E-06	2.47E-05	7.26E-05	7.26E-05	7.26E-05	7.26E-05	5.84E-11	2.43E-05	0.00E+00	3.48E-07	0.00E+00
Montana	Jefferson County	30043	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	0.00E+00	3.73E-05	0.00E+00	0.00E+00	4.70E-02
Montana	Jefferson County	30043	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	9.41E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Jefferson County	30043	R	Chloroform	8.35E-02	8.35E-02	8.35E-02	8.35E-02	8.43E-02	8.60E-02	8.60E-02	8.60E-02	8.60E-02	0.00E+00	1.35E-03	0.00E+00	0.00E+00	8.30E-02
Montana	Jefferson County	30043	R	Chromium Compounds (includes Hexavalent)	1.80E-06	1.80E-06	1.80E-06	1.43E-06	1.43E-05	3.47E-05	3.47E-05	3.47E-05	3.47E-05	5.79E-11	1.26E-05	1.67E-06	1.08E-07	0.00E+00
Montana	Jefferson County	30043	R	Chromium VI	7.77E-07	7.77E-07	7.77E-07	2.04E-06	2.36E-06	4.26E-06	4.26E-06	4.26E-06	4.26E-06	1.97E-11	1.65E-06	6.69E-07	3.68E-08	0.00E+00
Montana	Jefferson County	30043	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
Montana	Jefferson County	30043	R	1,4-Dichlorobenzene	4.11E-04	4.11E-04	4.11E-04	4.33E-04	9.70E-04	2.07E-03	2.07E-03	2.07E-03	2.07E-03	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	1,3-Dichloropropene	7.91E-04	7.91E-04	7.91E-04	8.16E-04	1.92E-03	4.14E-03	4.14E-03	4.14E-03	4.14E-03	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	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	7.70E-03	0.00E+00	4.11E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Jefferson County	30043	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	6.10E-02	0.00E+00	6.23E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Jefferson County	30043	R	Ethylene Oxide	5.77E-06	5.77E-06	5.77E-06	9.35E-06	3.09E-05	7.75E-05	7.75E-05	7.75E-05	7.75E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	Formaldehyde	4.19E-01	4.19E-01	4.19E-01	4.60E-01	4.65E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	1.83E-09	1.98E-01	1.14E-02	5.55E-03	2.50E-01
Montana	Jefferson County	30043	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.16E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Jefferson County	30043	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	4.72E-09	0.00E+00	0.00E+00	1.80E-03
Montana	Jefferson County	30043	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
Montana	Jefferson County	30043	R	Hydrazine	1.17E-11	1.17E-11	1.17E-11	5.27E-10	3.64E-10	5.53E-10	5.53E-10	5.53E-10	5.53E-10	0.00E+00	3.64E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	Lead Compounds	4.33E-05	4.33E-05	4.33E-05	1.40E-04	3.99E-04	1.01E-03	1.01E-03	1.01E-03	1.69E-10	3.80E-04	0.00E+00	1.94E-05	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	Manganese Compounds	1.72E-05	1.72E-05	1.72E-05	2.82E-05	6.32E-05	1.44E-04	1.44E-04	1.44E-04	1.44E-04	1.14E-10	6.26E-05	5.34E-07	6.56E-08	0.00E+00
Montana	Jefferson County	30043	R	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	1.51E-03	6.08E-11	1.52E-06	3.12E-06	8.40E-07	1.50E-03
Montana	Jefferson County	30043	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.53E-01	1.55E-01	1.55E-01	1.55E-01	1.55E-01	0.00E+00	2.90E-03	0.00E+00	0.00E+00	1.50E-01
Montana	Jefferson County	30043	R	Nickel Compounds	9.89E-06	9.89E-06	9.89E-06	3.30E-05	6.47E-05	1.51E-04	1.51E-04	1.51E-04	1.51E-04	0.00E+00	6.33E-05	1.28E-06	1.35E-07	0.00E+00
Montana	Jefferson County	30043	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	0.00E+00	7.41E-04	0.00E+00	0.00E+00	1.40E-01
Montana	Jefferson County	30043	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.84E-04	3.86E-04	3.92E-04	3.92E-04	3.92E-04	3.92E-04	0.00E+00	6.29E-06	0.00E+00	0.00E+00	3.80E-04
Montana	Jefferson County	30043	R	Polycyclic Organic Matter	4.67E-03	4.67E-03	4.67E-03	6.70E-03	6.55E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.15E-09	5.91E-03	5.39E-04	1.10E-04	0.00E+00
Montana	Jefferson County	30043	R	7-PAH	1.43E-03	1.43E-03	1.43E-03	1.72E-03	1.78E-03	2.20E-03	2.20E-03	2.20E-03	2.20E-03	0.00E+00	1.78E-03	4.19E-06	1.13E-06	0.00E+00
Montana	Jefferson County	30043	R	Propylene Dichloride	1.69E-07	1.69E-07	1.69E-07	1.76E-07	3.46E-07	6.94E-07	6.94E-07	6.94E-07	6.94E-07	0.00E+00	3.46E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	Quinoline	2.86E-10	2.86E-10	2.86E-10	2.97E-09	2.20E-09	3.36E-09	3.36E-09	3.36E-09	3.36E-09	0.00E+00	2.20E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	1,1,2,2-Tetrachloroethane	1.22E-07	1.22E-07	1.22E-07	1.11E-06	2.28E-06	5.61E-06	5.61E-06	5.61E-06	5.61E-06	0.00E+00	2.28E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Jefferson County	30043	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.15E-02	8.15E-02	8.15E-02	8.15E-02	0.00E+00	2.20E-04	0.00E+00	0.00E+00	8.10E-02
Montana	Jefferson County	30043	R	Vinyl Chloride	4.26E-07	4.26E-07	4.26E-07	2.75E-06	5.70E-06	1.39E-05	1.39E-05	1.39E-05	1.39E-05	0.00E+00	5.70E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	R	Acetaldehyde	3.04E-02	3.04E-02	3.04E-02	3.04E-02	3.04E-02	3.04E-02	3.04E-02	3.04E-02	3.04E-02	0.00E+00	2.66E-02	2.79E-04	3.55E-03	0.00E+00
Montana	Judith Basin County	30045	R	Acrolein	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	0.00E+00	1.84E-02	7.12E-05	8.64E-05	0.00E+00
Montana	Judith Basin County	30045	R	Acrylonitrile	2.27E-06	2.27E-06	2.27E-06	2.27E-06	2.27E-06	2.27E-06	2.27E-06	2.27E-06	2.27E-06	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	R	Arsenic Compounds	6.43E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	6.43E-07	0.00E+00	7.50E-09	1.10E-07	5.26E-07	0.00E+00
Montana	Judith Basin County	30045	R	Benzene	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	5.17E-01	0.00E+00	3.48E-02	1.08E-03	6.84E-04	4.80E-01
Montana	Judith Basin County	30045	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
Montana	Judith Basin County	30045	R	Beryllium Compounds	6.26E-08	6.26E-08	6.26E-08	6.26E-08	6.26E-08	6.26E-08	6.26E-08	6.26E-08	6.26E-08	0.00E+00	4.33E-09	0.00E+00	5.83E-08	0.00E+00
Montana	Judith Basin County	30045	R	1,3-Butadiene	6.61E-03	6.61E-03	6.61E-03	6.61E-03	6.61E-03	6.61E-03	6.61E-03	6.61E-03	6.61E-03	0.00E+00	6.49E-03	6.60E-05	5.52E-05	0.00E+00
Montana	Judith Basin County	30045	R	Cadmium Compounds	6.82E-08	6.82E-08	6.82E-08	6.82E-08	6.82E-08	6.82E-08	6.82E-08	6.82E-08	6.82E-08	0.00E+00	1.01E-08	0.00E+00	5.81E-08	0.00E+00
Montana	Judith Basin County	30045	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	4.70E-02	0.00E+00	1.65E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Judith Basin County	30045	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	4.88E-07	0.00E+00	0.00E+00	8.80E-01
Montana	Judith Basin County	30045	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	8.30E-02	0.00E+00	2.53E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Judith Basin County	30045	R	Chromium Compounds (includes Hexavalent)	8.22E-08	8.22E-08	8.22E-08	8.22E-08	8.22E-08	8.22E-08	8.22E-08	8.22E-08	8.22E-08	0.00E+00	5.59E-09	5.76E-08	1.90E-08	0.00E+00
Montana	Judith Basin County	30045	R	Chromium VI	2.80E-08	2.80E-08	2.80E-08	2.80E-08	2.80E-08	2.80E-08	2.80E-08	2.80E-08	2.80E-08	0.00E+00	2.41E-09	1.91E-08	6.46E-09	0.00E+00
Montana	Judith Basin County	30045	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
Montana	Judith Basin County	30045	R	1,4-Dichlorobenzene	3.70E-05	3.70E-05	3.70E-05	3.70E-05	3.70E-05	3.70E-05	3.70E-05	3.70E-05	3.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	R	1,3-Dichloropropene	7.36E-05	7.36E-05	7.36E-05	7.36E-05	7.36E-05	7.36E-05	7.36E-05	7.36E-05	7.36E-05	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	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	7.70E-03	0.00E+00	1.20E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Judith Basin County	30045	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	6.10E-02	0.00E+00	2.62E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Judith Basin County	30045	R	Ethylene Oxide	7.04E-08	7.04E-08	7.04E-08	7.04E-08	7.04E-08	7.04E-08	7.04E-08	7.04E-08	7.04E-08	0.00E+00	7.04E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	R	Formaldehyde	3.39E-01	3.39E-01	3.39E-01	3.39E-01	3.39E-01	3.39E-01	3.39E-01	3.39E-01	3.39E-01	0.00E+00	8.44E-02	4.21E-04	4.47E-03	2.50E-01

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

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	
Montana	Judith Basin County	30045	R	Polycyclic Organic Matter	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	0.00E+00	1.94E-03	2.09E-05	2.49E-05	0.00E+00
Montana	Judith Basin County	30045	R	7-PAH	7.64E-04	7.64E-04	7.64E-04	7.64E-04	7.64E-04	7.64E-04	7.64E-04	7.64E-04	7.64E-04	0.00E+00	7.64E-04	1.23E-07	2.26E-07	0.00E+00
Montana	Judith Basin County	30045	R	Propylene Dichloride	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	1.34E-07	0.00E+00	1.34E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	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
Montana	Judith Basin County	30045	R	1,1,2,2-Tetrachloroethane	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	1.19E-06	0.00E+00	1.19E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Judith Basin County	30045	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	8.10E-02	0.00E+00	1.05E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Judith Basin County	30045	R	Vinyl Chloride	2.94E-06	2.94E-06	2.94E-06	2.94E-06	2.94E-06	2.94E-06	2.94E-06	2.94E-06	2.94E-06	0.00E+00	2.94E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Acetaldehyde	3.64E-02	3.64E-02	4.47E-02	5.64E-02	6.61E-02	8.14E-02	1.43E-01	1.43E-01	1.82E-03	4.46E-02	1.19E-02	7.74E-03	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Acrolein	3.18E-02	3.18E-02	3.63E-02	4.42E-02	5.87E-02	6.03E-02	1.51E-01	1.51E-01	7.12E-05	5.53E-02	2.44E-03	8.84E-04	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Acrylonitrile	5.13E-06	5.13E-06	3.02E-05	3.26E-05	1.91E-04	5.09E-05	1.39E-03	1.39E-03	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Arsenic Compounds	1.82E-06	1.82E-06	3.96E-06	4.59E-06	7.19E-06	7.81E-06	1.83E-05	1.83E-05	2.19E-09	2.67E-06	3.20E-06	1.31E-06	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Benzene	5.79E-01	5.79E-01	5.95E-01	6.06E-01	6.39E-01	6.39E-01	8.16E-01	8.16E-01	2.97E-05	1.14E-01	3.30E-02	1.21E-02	4.80E-01	0.00E+00
Montana	Lake County	30047	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
Montana	Lake County	30047	R	Beryllium Compounds	4.73E-08	4.73E-08	2.75E-07	4.68E-07	5.22E-07	7.21E-07	1.26E-06	1.26E-06	0.00E+00	1.87E-07	0.00E+00	3.35E-07	0.00E+00	0.00E+00
Montana	Lake County	30047	R	1,3-Butadiene	9.20E-03	9.20E-03	1.16E-02	1.69E-02	2.06E-02	3.49E-02	3.86E-02	3.86E-02	0.00E+00	1.46E-02	1.73E-03	6.59E-04	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Cadmium Compounds	2.23E-07	2.23E-07	8.56E-07	1.27E-06	1.27E-06	1.47E-06	2.61E-06	2.61E-06	5.81E-10	9.37E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.73E-02	4.72E-02	4.85E-02	4.85E-02	2.05E-04	1.82E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Montana	Lake County	30047	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.82E-01	8.82E-01	2.94E-04	1.92E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Montana	Lake County	30047	R	Chloroform	8.31E-02	8.31E-02	8.32E-02	8.35E-02	8.50E-02	8.40E-02	9.35E-02	9.35E-02	1.51E-03	4.55E-04	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Montana	Lake County	30047	R	Chromium Compounds (includes Hexavalent)	1.60E-06	1.60E-06	2.98E-06	5.09E-06	6.86E-06	7.23E-06	1.69E-05	1.69E-05	4.34E-09	4.72E-06	1.95E-06	1.90E-07	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Chromium VI	7.71E-07	7.71E-07	1.37E-06	2.55E-06	3.46E-06	3.68E-06	8.61E-06	8.61E-06	2.43E-09	2.61E-06	7.83E-07	6.45E-08	0.00E+00	0.00E+00
Montana	Lake County	30047	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
Montana	Lake County	30047	R	1,4-Dichlorobenzene	3.36E-04	3.36E-04	9.06E-04	1.33E-03	1.44E-03	1.33E-03	3.44E-03	3.44E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	1,3-Dichloropropene	6.43E-04	6.43E-04	1.72E-03	2.63E-03	2.63E-03	2.86E-03	6.93E-03	6.93E-03	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	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	1.06E-07	0.00E+00	0.00E+00	7.70E-03	0.00E+00
Montana	Lake County	30047	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.13E-02	2.62E-05	2.62E-05	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Montana	Lake County	30047	R	Ethylene Oxide	4.92E-06	4.92E-06	2.11E-05	3.40E-05	4.34E-05	4.09E-05	1.43E-04	1.43E-04	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Formaldehyde	3.89E-01	3.89E-01	4.06E-01	4.50E-01	5.07E-01	5.46E-01	8.68E-01	8.68E-01	1.17E-03	2.30E-01	1.47E-02	1.12E-02	2.50E-01	0.00E+00
Montana	Lake County	30047	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	0.00E+00	1.30E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Montana	Lake County	30047	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	8.69E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Montana	Lake County	30047	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
Montana	Lake County	30047	R	Hydrazine	1.15E-11	1.15E-11	3.02E-10	3.88E-10	5.17E-10	7.78E-10	1.16E-09	1.16E-09	0.00E+00	5.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Lead Compounds	3.07E-06	3.07E-06	1.72E-05	2.79E-05	2.90E-05	4.16E-05	5.93E-05	5.93E-05	1.23E-08	1.71E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Manganese Compounds	6.40E-05	6.40E-05	8.74E-05	2.44E-04	3.61E-04	3.92E-04	1.01E-03	1.01E-03	3.47E-07	3.60E-04	6.27E-07	1.49E-07	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.59E-10	1.59E-07	3.73E-06	1.50E-06	1.50E-03	0.00E+00
Montana	Lake County	30047	R	Methylene Chloride	1.51E-01	1.51E-01	1.53E-01	1.55E-01	1.56E-01	1.56E-01	1.63E-01	1.63E-01	2.88E-05	5.61E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Montana	Lake County	30047	R	Nickel Compounds	1.88E-06	1.88E-06	3.75E-06	5.26E-06	5.99E-06	5.73E-06	1.59E-05	1.59E-05	5.42E-10	4.25E-06	1.48E-06	2.69E-07	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.48E-01	1.48E-01	5.39E-05	2.70E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Montana	Lake County	30047	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.85E-04	3.88E-04	3.93E-04	3.98E-04	4.16E-04	4.16E-04	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Montana	Lake County	30047	R	Polycyclic Organic Matter	5.62E-03	5.62E-03	6.89E-03	7.73E-03	9.41E-03	9.68E-03	1.84E-02	1.84E-02	2.81E-12	8.62E-03	6.23E-04	1.70E-04	0.00E+00	0.00E+00
Montana	Lake County	30047	R	7-PAH	1.25E-03	1.25E-03	1.46E-03	1.72E-03	2.32E-03	2.62E-03	5.71E-03	5.71E-03	2.60E-14	3.31E-03	4.92E-06	3.26E-06	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Propylene Dichloride	2.84E-07	2.84E-07	1.72E-06	1.89E-06	1.14E-05	2.64E-06	8.40E-05	8.40E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Quinoline	3.81E-10	3.81E-10	1.69E-09	2.58E-09	2.79E-09	3.70E-09	5.44E-09	5.44E-09	0.00E+00	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	1,1,2,2-Tetrachloroethane	2.32E-06	2.32E-06	1.45E-05	1.64E-05	1.03E-04	1.97E-05	7.68E-04	7.68E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lake County	30047	R	Trichloroethylene	8.11E-02	8.11E-02	8.13E-02	8.15E-02	8.17E-02	8.16E-02	8.31E-02	8.31E-02	5.36E-05	6.27E-04	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Montana	Lake County	30047	R	Vinyl Chloride	5.72E-06	5.72E-06	3.57E-05	4.04E-05	2.54E-04	4.88E-05	1.89E-03	1.89E-03	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	Acetaldehyde	9.55E-02	1.14E-01	1.47E-01	1.86E-01	1.74E-01	2.07E-01	2.11E-01	2.22E-01	8.78E-09	1.04E-01	3.44E-02	3.57E-02	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	Acrolein	4.02E-02	4.13E-02	4.39E-02	5.28E-02	5.63E-02	6.97E-02	7.58E-02	7.86E-02	0.00E+00	4.66E-02	7.25E-03	2.45E-03	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	Acrylonitrile	2.18E-06	4.46E-06	1.08E-05	4.63E-05	5.82E-05	1.02E-04	1.15E-04	1.64E-04	0.00E+00	5.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	Arsenic Compounds	4.33E-07	8.33E-05	8.86E-05	1.05E-04	3.64E-04	1.58E-04	4.48E-04	2.91E-03	5.89E-11	3.51E-04	9.59E-06	2.83E-06	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	Benzene	5.70E-01	5.85E-01	6.04E-01	8.18E-01	7.87E-01	9.27E-01	9.77E-01	1.11E+00	1.41E-08	1.33E-01	1.50E-01	2.52E-02	4.80E-01	0.00E+00
Montana	Lewis and Clark County	30049	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
Montana	Lewis and Clark County	30049	U	Beryllium Compounds	2.78E-08	4.21E-07	2.02E-06	7.38E-06	6.63E-06	9.27E-06	9.80E-06	1.90E-05	4.45E-11	2.35E-06	0.00E+00	4.28E-06	0.00E+00	0.00E+00
Montana	Lewis and Clark County	30049	U	1,3-Butadiene	8.8													

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

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	
Montana	Lincoln County	30053	R	Benzene	5.73E-01	5.73E-01	6.34E-01	6.70E-01	7.31E-01	7.54E-01	1.03E+00	1.03E+00	3.67E-05	1.92E-01	5.21E-02	7.05E-03	4.80E-01	
Montana	Lincoln County	30053	R	Benzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-14	0.00E+00	2.82E-13	2.82E-13	0.00E+00	5.65E-14	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	Beryllium Compounds	4.98E-07	4.98E-07	6.46E-07	9.09E-07	1.82E-06	1.21E-06	5.82E-06	5.82E-06	0.00E+00	7.73E-07	0.00E+00	1.04E-06	0.00E+00	
Montana	Lincoln County	30053	R	1,3-Butadiene	1.44E-02	1.44E-02	1.69E-02	2.83E-02	3.37E-02	4.32E-02	6.57E-02	6.57E-02	0.00E+00	2.83E-02	4.69E-03	7.48E-04	0.00E+00	
Montana	Lincoln County	30053	R	Cadmium Compounds	6.93E-07	6.93E-07	9.94E-07	1.05E-06	2.27E-06	1.40E-06	7.19E-06	7.19E-06	7.38E-08	1.15E-06	0.00E+00	1.04E-06	0.00E+00	
Montana	Lincoln County	30053	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.71E-02	4.81E-02	4.81E-02	0.00E+00	2.38E-04	0.00E+00	0.00E+00	4.70E-02	
Montana	Lincoln County	30053	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	6.10E-05	0.00E+00	0.00E+00	8.80E-01	
Montana	Lincoln County	30053	R	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.33E-02	8.47E-02	8.34E-02	9.04E-02	9.04E-02	0.00E+00	1.70E-03	0.00E+00	0.00E+00	8.30E-02	
Montana	Lincoln County	30053	R	Chromium Compounds (includes Hexavalent)	7.75E-07	7.75E-07	1.34E-06	2.31E-06	5.47E-06	3.08E-06	1.98E-05	1.98E-05	5.59E-07	1.56E-06	3.03E-06	3.19E-07	0.00E+00	
Montana	Lincoln County	30053	R	Chromium VI	3.06E-07	3.06E-07	5.55E-07	1.03E-06	2.36E-06	1.36E-06	8.55E-06	8.55E-06	3.13E-07	7.07E-07	1.23E-06	1.08E-07	0.00E+00	
Montana	Lincoln County	30053	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	
Montana	Lincoln County	30053	R	1,4-Dichlorobenzene	3.32E-04	3.32E-04	3.87E-04	5.09E-04	2.90E-03	7.34E-04	1.26E-02	1.26E-02	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	1,3-Dichloropropene	6.07E-04	6.07E-04	6.57E-04	1.01E-03	5.86E-03	1.42E-03	2.56E-02	2.56E-02	0.00E+00	5.86E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	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	3.61E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	Lincoln County	30053	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	7.70E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	Lincoln County	30053	R	Ethylene Oxide	2.99E-06	2.99E-06	4.76E-06	1.27E-05	2.18E-04	1.52E-05	1.05E-03	1.05E-03	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	Formaldehyde	4.35E-01	4.35E-01	5.79E-01	6.49E-01	6.77E-01	8.22E-01	8.99E-01	8.99E-01	1.42E-03	3.95E-01	2.00E-02	1.02E-02	2.50E-01	
Montana	Lincoln County	30053	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	8.53E-08	0.00E+00	0.00E+00	9.30E-05	
Montana	Lincoln County	30053	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	3.57E-08	0.00E+00	0.00E+00	1.80E-03	
Montana	Lincoln County	30053	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	
Montana	Lincoln County	30053	R	Hydrazine	1.89E-13	1.89E-13	5.01E-10	5.92E-10	1.00E-08	5.92E-10	4.84E-08	4.84E-08	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	Lead Compounds	3.51E-06	3.51E-06	4.91E-06	8.36E-06	3.71E-05	1.14E-05	1.57E-04	1.57E-04	1.57E-06	3.19E-05	0.00E+00	3.62E-06	0.00E+00	
Montana	Lincoln County	30053	R	Manganese Compounds	2.91E-06	2.91E-06	1.88E-05	6.36E-05	6.39E-05	1.65E-04	6.95E-05	1.65E-04	4.52E-05	1.75E-05	1.02E-06	1.91E-07	0.00E+00	
Montana	Lincoln County	30053	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.50E-03	1.54E-03	1.54E-03	1.92E-08	1.96E-06	6.12E-06	2.22E-06	1.50E-03	
Montana	Lincoln County	30053	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.70E-01	1.53E-01	2.41E-01	2.41E-01	0.00E+00	1.95E-02	0.00E+00	0.00E+00	1.50E-01	
Montana	Lincoln County	30053	R	Nickel Compounds	2.36E-06	2.36E-06	2.67E-06	2.83E-06	1.86E-05	4.29E-06	8.10E-05	8.10E-05	7.23E-08	1.58E-05	2.34E-06	4.18E-07	0.00E+00	
Montana	Lincoln County	30053	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.43E-01	1.42E-01	1.48E-01	1.48E-01	0.00E+00	2.72E-03	0.00E+00	0.00E+00	1.40E-01	
Montana	Lincoln County	30053	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.84E-04	3.86E-04	3.90E-04	3.88E-04	4.11E-04	4.11E-04	0.00E+00	1.03E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	Lincoln County	30053	R	Polycyclic Organic Matter	5.26E-03	5.26E-03	8.43E-03	1.03E-02	1.55E-02	1.49E-02	3.84E-02	3.84E-02	3.35E-10	1.42E-02	9.89E-04	2.48E-04	0.00E+00	
Montana	Lincoln County	30053	R	7-PAH	1.73E-03	1.73E-03	3.04E-03	3.70E-03	4.00E-03	5.35E-03	6.20E-03	6.20E-03	3.11E-12	3.99E-03	7.42E-06	3.09E-06	0.00E+00	
Montana	Lincoln County	30053	R	Propylene Dichloride	1.15E-07	1.15E-07	1.33E-06	2.49E-06	4.33E-06	3.65E-06	1.41E-05	1.41E-05	0.00E+00	4.33E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	Quinoline	9.63E-13	9.63E-13	7.86E-10	7.71E-09	1.95E-09	3.13E-09	3.13E-09	3.13E-09	0.00E+00	1.95E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	1,1,2,2-Tetrachloroethane	7.64E-07	7.64E-07	7.87E-06	1.16E-05	3.42E-05	2.25E-05	1.28E-04	1.28E-04	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Lincoln County	30053	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.14E-02	8.45E-02	8.89E-02	9.01E-02	9.01E-02	0.00E+00	3.52E-03	0.00E+00	0.00E+00	8.10E-02	
Montana	Lincoln County	30053	R	Vinyl Chloride	7.20E-06	7.20E-06	2.00E-05	2.87E-05	8.54E-05	5.54E-05	3.15E-04	3.15E-04	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	McCone County	30055	R	Acetaldehyde	4.71E+00	4.71E+00	4.71E+00	4.71E+00	4.71E+00	4.71E+00	4.71E+00	4.71E+00	0.00E+00	4.70E+00	3.59E-04	1.20E-02	0.00E+00	
Montana	McCone County	30055	R	Acrolein	3.66E-02	3.66E-02	3.66E-02	3.66E-02	3.66E-02	3.66E-02	3.66E-02	3.66E-02	0.00E+00	3.64E-02	9.56E-05	1.75E-04	0.00E+00	
Montana	McCone County	30055	R	Acrylonitrile	1.49E-07	1.49E-07	1.49E-07	1.49E-07	1.49E-07	1.49E-07	1.49E-07	1.49E-07	0.00E+00	1.49E-07	0.00E+00	0.00E+00	0.00E+00	
Montana	McCone County	30055	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	1.07E-08	1.16E-07	9.53E-07	0.00E+00	
Montana	McCone County	30055	R	Benzene	5.47E-01	5.47E-01	5.47E-01	5.47E-01	5.47E-01	5.47E-01	5.47E-01	5.47E-01	0.00E+00	6.42E-02	1.27E-03	1.85E-03	4.80E-01	
Montana	McCone County	30055	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	
Montana	McCone County	30055	R	Beryllium Compounds	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	1.11E-08	0.00E+00	5.31E-09	0.00E+00	5.77E-09	0.00E+00	
Montana	McCone County	30055	R	1,3-Butadiene	9.88E-03	9.88E-03	9.88E-03	9.88E-03	9.88E-03	9.88E-03	9.88E-03	9.88E-03	0.00E+00	9.72E-03	6.51E-05	9.32E-05	0.00E+00	
Montana	McCone County	30055	R	Cadmium Compounds	1.80E-08	1.80E-08	1.80E-08	1.80E-08	1.80E-08	1.80E-08	1.80E-08	1.80E-08	0.00E+00	1.23E-08	0.00E+00	5.74E-09	0.00E+00	
Montana	McCone County	30055	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	1.66E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	McCone County	30055	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	5.87E-07	0.00E+00	0.00E+00	8.80E-01	
Montana	McCone County	30055	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	3.01E-06	0.00E+00	0.00E+00	8.30E-02	
Montana	McCone County	30055	R	Chromium Compounds (includes Hexavalent)	9.01E-08	9.01E-08	9.01E-08	9.01E-08	9.01E-08	9.01E-08	9.01E-08	9.01E-08	0.00E+00	7.85E-09	6.75E-08	1.47E-08	0.00E+00	
Montana	McCone County	30055	R	Chromium VI	3.09E-08	3.09E-08	3.09E-08	3.09E-08	3.09E-08	3.09E-08	3.09E-08	3.09E-08	0.00E+00	3.60E-09	2.23E-08	5.01E-09	0.00E+00	
Montana	McCone County	30055	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	
Montana	McCone County	30055	R	1,4-Dichlorobenzene	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	4.20E-05	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	McCone County	30055	R	1,3-Dichloropropene	8.31E-05	8.31E-05	8.31E-05	8.31E-05	8.31E-05	8.31E-05	8.31E-05	8.31E-05	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	McCone County	30055	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Montana	McCone County	30055	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	2.33E-09	0.00E+00	0.00E+00	6.10E-02	
Montana	McCone County	30055	R	Ethylene Oxide	8.54E-08	8.54E-08	8.54E-08	8.54E-08	8.54E-08	8.54E-08	8.54E-08	8.54E-08	0.00E+00	8.54E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	McCone County	30055	R	Formaldehyde	2.53E+00	2.53E+00	2.53E+00	2.53E+00	2.53E+00	2.53E+00	2.53E+00	2.53E+00	0.00E+00	2.27E+00	4.95E-04	1.21E-02	2.50E-01	
Montana	McCone County	30055	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.3											

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

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	
Montana	McCone County	30055	R	Nickel Compounds	2.91E-07	2.91E-07	2.91E-07	2.91E-07	2.91E-07	2.91E-07	2.91E-07	2.91E-07	2.91E-07	0.00E+00	1.40E-07	5.02E-08	1.01E-07	0.00E+00
Montana	McCone County	30055	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	1.40E-01	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.40E-01
Montana	McCone County	30055	R	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	3.80E-04	0.00E+00	4.61E-07	0.00E+00	0.00E+00	3.80E-04
Montana	McCone County	30055	R	Polycyclic Organic Matter	3.39E-03	3.39E-03	3.39E-03	3.39E-03	3.39E-03	3.39E-03	3.39E-03	3.39E-03	3.39E-03	0.00E+00	3.33E-03	2.29E-05	3.36E-05	0.00E+00
Montana	McCone County	30055	R	7-PAH	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	0.00E+00	1.34E-03	1.08E-07	4.35E-07	0.00E+00
Montana	McCone County	30055	R	Propylene Dichloride	4.42E-09	4.42E-09	4.42E-09	4.42E-09	4.42E-09	4.42E-09	4.42E-09	4.42E-09	4.42E-09	0.00E+00	4.42E-09	0.00E+00	0.00E+00	0.00E+00
Montana	McCone County	30055	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
Montana	McCone County	30055	R	1,1,2,2-Tetrachloroethane	6.92E-10	6.92E-10	6.92E-10	6.92E-10	6.92E-10	6.92E-10	6.92E-10	6.92E-10	6.92E-10	0.00E+00	6.92E-10	0.00E+00	0.00E+00	0.00E+00
Montana	McCone County	30055	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	8.10E-02	0.00E+00	1.02E-05	0.00E+00	0.00E+00	8.10E-02
Montana	McCone County	30055	R	Vinyl Chloride	2.56E-09	2.56E-09	2.56E-09	2.56E-09	2.56E-09	2.56E-09	2.56E-09	2.56E-09	2.56E-09	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	Acetaldehyde	1.98E-02	1.98E-02	1.98E-02	3.14E-02	2.89E-02	3.56E-02	3.56E-02	3.56E-02	3.56E-02	0.00E+00	2.63E-02	9.69E-04	1.69E-03	0.00E+00
Montana	Madison County	30057	R	Acrolein	2.68E-02	2.68E-02	2.68E-02	4.04E-02	3.90E-02	4.97E-02	4.97E-02	4.97E-02	4.97E-02	0.00E+00	3.86E-02	2.14E-04	9.50E-05	0.00E+00
Montana	Madison County	30057	R	Acrylonitrile	3.19E-07	3.19E-07	3.19E-07	4.94E-07	1.67E-06	4.19E-06	4.19E-06	4.19E-06	4.19E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	Arsenic Compounds	3.50E-07	3.50E-07	3.50E-07	4.05E-07	5.63E-07	9.34E-07	9.34E-07	9.34E-07	9.34E-07	0.00E+00	2.06E-08	2.34E-07	3.09E-07	0.00E+00
Montana	Madison County	30057	R	Benzene	5.30E-01	5.30E-01	5.30E-01	5.53E-01	5.51E-01	5.71E-01	5.71E-01	5.71E-01	5.71E-01	0.00E+00	6.78E-02	2.53E-03	1.01E-03	4.80E-01
Montana	Madison County	30057	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
Montana	Madison County	30057	R	Beryllium Compounds	7.58E-09	7.58E-09	7.58E-09	1.21E-08	1.74E-08	3.25E-08	3.25E-08	3.25E-08	3.25E-08	0.00E+00	1.09E-08	0.00E+00	6.48E-09	0.00E+00
Montana	Madison County	30057	R	1,3-Butadiene	7.47E-03	7.47E-03	7.47E-03	7.91E-03	9.52E-03	1.32E-02	1.32E-02	1.32E-02	1.32E-02	0.00E+00	9.37E-03	1.06E-04	5.18E-05	0.00E+00
Montana	Madison County	30057	R	Cadmium Compounds	1.81E-08	1.81E-08	1.81E-08	2.66E-08	3.17E-08	5.02E-08	5.02E-08	5.02E-08	5.02E-08	0.00E+00	2.52E-08	0.00E+00	6.45E-09	0.00E+00
Montana	Madison County	30057	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	4.70E-02	0.00E+00	4.21E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Madison County	30057	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	1.62E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Madison County	30057	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.42E-04	0.00E+00	0.00E+00	8.30E-02
Montana	Madison County	30057	R	Chromium Compounds (includes Hexavalent)	5.94E-08	5.94E-08	5.94E-08	1.49E-07	1.63E-07	2.80E-07	2.80E-07	2.80E-07	2.80E-07	0.00E+00	1.57E-08	1.38E-07	9.87E-09	0.00E+00
Montana	Madison County	30057	R	Chromium VI	2.38E-08	2.38E-08	2.38E-08	6.05E-08	6.52E-08	1.11E-07	1.11E-07	1.11E-07	1.11E-07	0.00E+00	6.79E-09	5.50E-08	3.36E-09	0.00E+00
Montana	Madison County	30057	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
Montana	Madison County	30057	R	1,4-Dichlorobenzene	7.16E-05	7.16E-05	7.16E-05	9.20E-05	9.99E-05	1.36E-04	1.36E-04	1.36E-04	1.36E-04	0.00E+00	9.99E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	1,3-Dichloropropene	1.41E-04	1.41E-04	1.41E-04	1.79E-04	1.96E-04	2.68E-04	2.68E-04	2.68E-04	2.68E-04	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	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	7.70E-03	0.00E+00	7.78E-10	0.00E+00	0.00E+00	7.70E-03
Montana	Madison County	30057	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	6.10E-02	0.00E+00	1.67E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Madison County	30057	R	Ethylene Oxide	1.75E-06	1.75E-06	1.75E-06	2.56E-06	2.43E-06	2.99E-06	2.99E-06	2.99E-06	2.99E-06	0.00E+00	2.43E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	Formaldehyde	3.59E-01	3.59E-01	3.59E-01	4.08E-01	4.05E-01	4.48E-01	4.48E-01	4.48E-01	4.48E-01	0.00E+00	1.51E-01	1.14E-03	2.47E-03	2.50E-01
Montana	Madison County	30057	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	9.30E-05	0.00E+00	2.28E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Madison County	30057	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	6.21E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Madison County	30057	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
Montana	Madison County	30057	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	4.15E-14	1.19E-12	3.53E-12	3.53E-12	3.53E-12	3.53E-12	0.00E+00	1.19E-12	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	Lead Compounds	6.86E-07	6.86E-07	6.86E-07	1.05E-06	1.35E-06	2.31E-06	2.31E-06	2.31E-06	2.31E-06	0.00E+00	7.52E-07	0.00E+00	5.96E-07	0.00E+00
Montana	Madison County	30057	R	Manganese Compounds	1.13E-07	1.13E-07	1.13E-07	1.71E-07	1.81E-07	2.59E-07	2.59E-07	2.59E-07	2.59E-07	0.00E+00	1.15E-07	4.11E-08	2.46E-08	0.00E+00
Montana	Madison County	30057	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	2.25E-08	2.79E-07	2.74E-07	1.50E-03
Montana	Madison County	30057	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	1.50E-01	0.00E+00	4.18E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Madison County	30057	R	Nickel Compounds	2.15E-07	2.15E-07	2.15E-07	3.29E-07	2.46E-06	6.82E-06	6.82E-06	6.82E-06	6.82E-06	0.00E+00	2.31E-06	1.05E-07	3.53E-08	0.00E+00
Montana	Madison County	30057	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	1.40E-01	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.40E-01
Montana	Madison County	30057	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	3.81E-04	0.00E+00	1.09E-06	0.00E+00	0.00E+00	3.80E-04
Montana	Madison County	30057	R	Polycyclic Organic Matter	2.66E-03	2.66E-03	2.66E-03	3.88E-03	3.76E-03	4.74E-03	4.74E-03	4.74E-03	4.74E-03	0.00E+00	3.69E-03	4.59E-05	1.78E-05	0.00E+00
Montana	Madison County	30057	R	7-PAH	1.02E-03	1.02E-03	1.02E-03	1.43E-03	1.44E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	0.00E+00	1.43E-03	3.54E-07	1.83E-07	0.00E+00
Montana	Madison County	30057	R	Propylene Dichloride	9.50E-09	9.50E-09	9.50E-09	1.47E-08	9.07E-08	2.48E-07	2.48E-07	2.48E-07	2.48E-07	0.00E+00	9.07E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.25E-12	4.41E-11	1.31E-10	1.31E-10	1.31E-10	1.31E-10	0.00E+00	4.41E-11	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	R	1,1,2,2-Tetrachloroethane	1.49E-09	1.49E-09	1.49E-09	2.20E-09	7.34E-07	2.20E-06	2.20E-06	2.20E-06	2.20E-06	0.00E+00	7.34E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Madison County	30057	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	8.10E-02	0.00E+00	2.57E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Madison County	30057	R	Vinyl Chloride	5.49E-09	5.49E-09	5.49E-09	8.54E-09	1.81E-06	5.42E-06	5.42E-06	5.42E-06	5.42E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	Acetaldehyde	5.17E-02	5.17E-02	5.17E-02	5.17E-02	5.17E-02	5.17E-02	5.17E-02	5.17E-02	5.17E-02	0.00E+00	4.67E-02	5.96E-04	4.42E-03	0.00E+00
Montana	Meagher County	30059	R	Acrolein	5.96E-02	5.96E-02	5.96E-02	5.96E-02	5.96E-02	5.96E-02	5.96E-02	5.96E-02	5.96E-02	0.00E+00	5.91E-02	2.37E-04	2.48E-04	0.00E+00
Montana	Meagher County	30059	R	Acrylonitrile	7.76E-07	7.76E-07	7.76E-07	7.76E-07	7.76E-07	7.76E-07	7.76E-07	7.76E-07	7.76E-07	0.00E+00	7.76E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	Arsenic Compounds	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	6.82E-07	0.00E+00	2.18E-08	2.01E-07	4.59E-07	0.00E+00
Montana	Meagher County	30059	R															

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

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		
Montana	Meagher County	30059	R	1,4-Dichlorobenzene	8.74E-05	8.74E-05	8.74E-05	8.74E-05	8.74E-05	8.74E-05	8.74E-05	8.74E-05	8.74E-05	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	1,3-Dichloropropene	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	1.66E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	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	7.70E-03	0.00E+00	2.53E-10	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Meagher County	30059	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	6.10E-02	0.00E+00	5.96E-08	0.00E+00	0.00E+00	0.00E+00	6.10E-02
Montana	Meagher County	30059	R	Ethylene Oxide	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	1.74E-06	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	Formaldehyde	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	4.89E-01	0.00E+00	2.32E-01	8.00E-04	5.73E-03	2.50E-01	
Montana	Meagher County	30059	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	9.30E-05	0.00E+00	3.27E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Montana	Meagher County	30059	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	5.79E-10	0.00E+00	0.00E+00	0.00E+00	1.80E-03
Montana	Meagher County	30059	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
Montana	Meagher County	30059	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
Montana	Meagher County	30059	R	Lead 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	1.08E-06	0.00E+00	4.77E-08	0.00E+00	1.03E-06	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	Manganese Compounds	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	2.04E-07	0.00E+00	1.14E-07	3.25E-08	5.77E-08	0.00E+00	0.00E+00
Montana	Meagher County	30059	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	2.63E-08	2.52E-07	7.63E-07	1.50E-03	
Montana	Meagher County	30059	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	1.50E-01	0.00E+00	3.27E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Meagher County	30059	R	Nickel Compounds	4.52E-07	4.52E-07	4.52E-07	4.52E-07	4.52E-07	4.52E-07	4.52E-07	4.52E-07	4.52E-07	0.00E+00	2.50E-07	9.89E-08	1.02E-07	0.00E+00	0.00E+00
Montana	Meagher County	30059	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	1.40E-01	0.00E+00	3.86E-05	0.00E+00	0.00E+00	1.40E-01	
Montana	Meagher County	30059	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	3.81E-04	0.00E+00	1.02E-06	0.00E+00	0.00E+00	3.80E-04	
Montana	Meagher County	30059	R	Polycyclic Organic Matter	5.61E-03	5.61E-03	5.61E-03	5.61E-03	5.61E-03	5.61E-03	5.61E-03	5.61E-03	5.61E-03	0.00E+00	5.50E-03	4.36E-05	6.88E-05	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	7-PAH	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	0.00E+00	2.21E-03	2.38E-07	8.99E-07	0.00E+00	0.00E+00
Montana	Meagher County	30059	R	Propylene Dichloride	3.71E-08	3.71E-08	3.71E-08	3.71E-08	3.71E-08	3.71E-08	3.71E-08	3.71E-08	3.71E-08	0.00E+00	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	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
Montana	Meagher County	30059	R	1,1,2,2-Tetrachloroethane	2.53E-07	2.53E-07	2.53E-07	2.53E-07	2.53E-07	2.53E-07	2.53E-07	2.53E-07	2.53E-07	0.00E+00	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Meagher County	30059	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	8.10E-02	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	8.10E-02
Montana	Meagher County	30059	R	Vinyl Chloride	6.24E-07	6.24E-07	6.24E-07	6.24E-07	6.24E-07	6.24E-07	6.24E-07	6.24E-07	6.24E-07	0.00E+00	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Acetaldehyde	4.87E-02	4.87E-02	4.87E-02	6.14E-02	6.14E-02	7.41E-02	7.41E-02	7.41E-02	5.04E-03	4.01E-02	7.65E-03	8.60E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Acrolein	5.30E-02	5.30E-02	5.30E-02	5.39E-02	5.39E-02	5.49E-02	5.49E-02	5.49E-02	1.21E-04	1.92E-02	1.33E-03	5.54E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Acrylonitrile	3.24E-06	3.24E-06	3.24E-06	7.95E-06	7.95E-06	1.27E-05	1.27E-05	1.27E-05	0.00E+00	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Arsenic Compounds	1.98E-06	1.98E-06	1.98E-06	2.22E-06	2.22E-06	2.46E-06	2.46E-06	2.46E-06	0.00E+00	1.57E-07	1.88E-06	1.79E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Benzene	5.90E-01	5.90E-01	5.90E-01	5.95E-01	5.95E-01	5.99E-01	5.99E-01	5.99E-01	2.74E-05	9.45E-02	1.82E-02	1.95E-03	4.80E-01		
Montana	Mineral County	30061	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	0.00E+00
Montana	Mineral County	30061	R	Beryllium Compounds	1.28E-06	1.28E-06	1.28E-06	1.52E-06	1.52E-06	1.77E-06	1.77E-06	1.77E-06	0.00E+00	2.85E-08	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	1,3-Butadiene	1.48E-02	1.48E-02	1.48E-02	1.59E-02	1.59E-02	1.70E-02	1.70E-02	1.70E-02	0.00E+00	1.47E-02	9.52E-04	2.51E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Cadmium Compounds	1.33E-06	1.33E-06	1.33E-06	1.57E-06	1.57E-06	1.80E-06	1.80E-06	1.80E-06	0.00E+00	7.82E-08	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.79E-02	4.79E-02	4.88E-02	4.88E-02	4.88E-02	8.90E-04	8.23E-06	0.00E+00	0.00E+00	0.00E+00	4.70E-02	
Montana	Mineral County	30061	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.83E-01	8.83E-01	8.83E-01	1.28E-03	2.70E-06	0.00E+00	0.00E+00	0.00E+00	8.80E-01	
Montana	Mineral County	30061	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.96E-02	8.96E-02	9.63E-02	9.63E-02	9.63E-02	6.57E-03	6.64E-05	0.00E+00	0.00E+00	0.00E+00	8.30E-02	
Montana	Mineral County	30061	R	Chromium Compounds (includes Hexavalent)	1.57E-06	1.57E-06	1.57E-06	1.74E-06	1.74E-06	1.90E-06	1.90E-06	1.90E-06	0.00E+00	2.49E-07	1.11E-06	3.77E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Chromium VI	6.21E-07	6.21E-07	6.21E-07	7.02E-07	7.02E-07	7.83E-07	7.83E-07	7.83E-07	0.00E+00	1.35E-07	4.39E-07	1.28E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	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	0.00E+00
Montana	Mineral County	30061	R	1,4-Dichlorobenzene	1.81E-04	1.81E-04	1.81E-04	2.03E-04	2.03E-04	2.26E-04	2.26E-04	2.26E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	1,3-Dichloropropene	3.57E-04	3.57E-04	3.57E-04	3.97E-04	3.97E-04	4.38E-04	4.38E-04	4.38E-04	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	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	7.70E-03	0.00E+00	4.12E-09	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Mineral County	30061	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.12E-02	6.12E-02	1.14E-04	8.96E-07	0.00E+00	0.00E+00	0.00E+00	6.10E-02	
Montana	Mineral County	30061	R	Ethylene Oxide	4.47E-07	4.47E-07	4.47E-07	9.44E-07	9.44E-07	1.44E-06	1.44E-06	1.44E-06	0.00E+00	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Formaldehyde	4.81E-01	4.81E-01	4.81E-01	4.90E-01	4.90E-01	4.98E-01	4.98E-01	4.98E-01	1.46E-03	2.16E-01	8.46E-03	1.37E-02	2.50E-01		
Montana	Mineral County	30061	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	9.30E-05	0.00E+00	1.82E-08	0.00E+00	0.00E+00	0.00E+00	9.30E-05
Montana	Mineral County	30061	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	1.15E-09	0.00E+00	0.00E+00	0.00E+00	1.80E-03	
Montana	Mineral County	30061	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
Montana	Mineral County	30061	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	1.46E-12	1.46E-12	2.92E-12	2.92E-12	2.92E-12	0.00E+00	1.46E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Lead Compounds	5.46E-06	5.46E-06	5.46E-06	6.01E-06	6.01E-06	6.56E-06	6.56E-06	6.56E-06	0.00E+00	7.33E-07	0.00E+00	5.27E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Mineral County	30061	R	Manganese Compounds	8.92E-06	8.92E-06	8.92E-06	1.75E-05	1.75E-05	2.61E-05	2.61E-05	2.61E-05	0.00E+00	1.70E-05	3.57E-07				

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

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
Montana	Missoula County	30063	U	Acrolein	5.06E-02	6.37E-02	7.39E-02	1.33E-01	1.21E-01	1.53E-01	1.67E-01	1.87E-01	9.17E-03	8.95E-02	1.77E-02	4.44E-03	0.00E+00
Montana	Missoula County	30063	U	Acrylonitrile	4.61E-05	5.03E-05	1.08E-04	2.02E-04	2.63E-04	3.27E-04	6.96E-04	8.93E-04	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	Arsenic Compounds	1.63E-06	3.17E-06	8.35E-06	3.99E-05	4.53E-05	6.87E-05	1.01E-04	1.49E-04	1.10E-07	1.21E-05	2.27E-05	1.04E-05	0.00E+00
Montana	Missoula County	30063	U	Benzene	5.85E-01	6.18E-01	6.92E-01	1.09E+00	1.07E+00	1.31E+00	1.77E+00	1.99E+00	3.89E-03	2.23E-01	3.22E-01	4.26E-02	4.80E-01
Montana	Missoula County	30063	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
Montana	Missoula County	30063	U	Beryllium Compounds	1.61E-07	1.26E-06	2.64E-06	6.22E-06	9.02E-06	1.13E-05	2.01E-05	3.23E-05	0.00E+00	3.85E-06	0.00E+00	5.17E-06	0.00E+00
Montana	Missoula County	30063	U	1,3-Butadiene	1.43E-02	1.70E-02	1.96E-02	5.38E-02	5.59E-02	7.41E-02	1.25E-01	1.38E-01	0.00E+00	2.64E-02	2.41E-02	5.41E-03	0.00E+00
Montana	Missoula County	30063	U	Cadmium Compounds	2.66E-07	1.42E-06	3.05E-06	7.53E-06	1.10E-05	1.40E-05	2.39E-05	3.86E-05	2.80E-08	5.81E-06	0.00E+00	5.16E-06	0.00E+00
Montana	Missoula County	30063	U	Carbon Disulfide	4.70E-02	4.80E-02	5.14E-02	5.39E-02	5.37E-02	5.58E-02	5.64E-02	6.23E-02	4.91E-03	1.83E-03	0.00E+00	0.00E+00	4.70E-02
Montana	Missoula County	30063	U	Carbon Tetrachloride	8.80E-01	8.81E-01	8.85E-01	8.88E-01	8.87E-01	8.89E-01	8.92E-01	8.92E-01	7.04E-03	3.56E-04	0.00E+00	0.00E+00	8.80E-01
Montana	Missoula County	30063	U	Chloroform	8.35E-02	9.04E-02	1.33E-01	1.67E-01	1.68E-01	2.06E-01	2.33E-01	2.39E-01	3.62E-02	4.84E-02	0.00E+00	0.00E+00	8.30E-02
Montana	Missoula County	30063	U	Chromium Compounds (includes Hexavalent)	1.05E-06	2.05E-06	6.73E-06	3.43E-05	3.53E-05	4.83E-05	9.47E-05	1.15E-04	2.11E-07	1.43E-05	1.87E-05	2.05E-06	0.00E+00
Montana	Missoula County	30063	U	Chromium VI	4.78E-07	9.11E-07	3.07E-06	1.55E-05	1.73E-05	2.36E-05	4.74E-05	5.64E-05	1.18E-07	8.98E-06	7.53E-06	6.96E-07	0.00E+00
Montana	Missoula County	30063	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
Montana	Missoula County	30063	U	1,4-Dichlorobenzene	2.75E-04	8.28E-04	3.36E-03	1.84E-02	2.20E-02	3.65E-02	5.16E-02	5.26E-02	2.11E-07	1.43E-05	2.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	1,3-Dichloropropene	5.17E-04	1.46E-03	6.62E-03	3.72E-02	4.46E-02	7.42E-02	1.05E-01	1.07E-01	0.00E+00	4.46E-02	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	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	2.42E-07	0.00E+00	0.00E+00	7.70E-03
Montana	Missoula County	30063	U	Ethylene Dichloride	6.10E-02	6.12E-02	6.15E-02	6.17E-02	6.17E-02	6.18E-02	6.21E-02	6.21E-02	6.27E-04	2.39E-05	0.00E+00	0.00E+00	6.10E-02
Montana	Missoula County	30063	U	Ethylene Oxide	3.55E-06	1.52E-05	8.35E-05	4.11E-04	1.77E-03	1.09E-03	2.14E-03	2.37E-02	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	Formaldehyde	4.75E-01	5.44E-01	6.33E-01	1.24E+00	1.20E+00	1.52E+00	1.94E+00	2.66E+00	3.37E-01	3.70E-01	1.35E-01	1.06E-01	2.50E-01
Montana	Missoula County	30063	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.36E-05	9.36E-05	9.40E-05	9.43E-05	9.44E-05	0.00E+00	5.62E-07	0.00E+00	0.00E+00	9.30E-05
Montana	Missoula County	30063	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	2.00E-07	0.00E+00	0.00E+00	1.80E-03
Montana	Missoula County	30063	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
Montana	Missoula County	30063	U	Hydrazine	2.70E-11	2.57E-10	8.90E-10	1.16E-08	6.11E-08	1.16E-07	2.78E-07	3.02E-07	0.00E+00	6.11E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	Lead Compounds	2.11E-06	5.82E-05	1.88E-04	7.49E-04	9.74E-04	1.35E-03	1.86E-03	4.45E-03	5.97E-07	1.90E-04	0.00E+00	7.83E-04	0.00E+00
Montana	Missoula County	30063	U	Manganese Compounds	2.47E-05	3.04E-05	1.26E-04	4.43E-04	4.08E-04	6.22E-04	8.14E-04	1.22E-03	1.71E-05	3.83E-04	6.06E-06	1.73E-06	0.00E+00
Montana	Missoula County	30063	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.54E-03	1.55E-03	1.57E-03	1.61E-03	1.70E-03	7.26E-09	1.26E-05	2.24E-05	1.40E-05	1.50E-03
Montana	Missoula County	30063	U	Methylene Chloride	1.51E-01	1.56E-01	1.61E-01	2.15E-01	2.66E-01	3.25E-01	4.42E-01	7.37E-01	1.40E-03	1.14E-01	0.00E+00	0.00E+00	1.50E-01
Montana	Missoula County	30063	U	Nickel Compounds	1.09E-06	3.38E-06	9.01E-06	6.52E-05	8.79E-05	1.53E-04	1.91E-04	2.82E-04	2.73E-08	7.11E-05	1.39E-05	2.78E-06	0.00E+00
Montana	Missoula County	30063	U	Perchloroethylene	1.40E-01	1.42E-01	1.49E-01	1.72E-01	2.23E-01	3.28E-01	3.51E-01	3.77E-01	1.32E-03	8.13E-02	0.00E+00	0.00E+00	1.40E-01
Montana	Missoula County	30063	U	Polychlorinated Biphenyls	3.81E-04	8.33E-04	3.88E-04	4.54E-04	4.50E-04	5.02E-04	5.46E-04	5.56E-04	0.00E+00	6.96E-05	0.00E+00	0.00E+00	3.80E-04
Montana	Missoula County	30063	U	Polycyclic Organic Matter	6.16E-03	3.73E-03	1.19E-02	3.86E-02	3.77E-02	5.73E-02	6.36E-02	8.19E-02	1.28E-10	2.90E-02	6.54E-03	2.17E-03	0.00E+00
Montana	Missoula County	30063	U	7-PAH	1.99E-03	2.32E-03	2.69E-03	4.63E-03	4.07E-03	4.93E-03	5.28E-03	5.28E-03	1.19E-12	4.01E-03	4.22E-05	1.84E-05	0.00E+00
Montana	Missoula County	30063	U	Propylene Dichloride	2.71E-06	3.04E-06	6.37E-06	1.14E-05	1.38E-05	1.70E-05	3.76E-05	4.21E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	Quinoline	8.39E-10	3.28E-09	1.07E-08	7.84E-08	2.02E-07	3.58E-07	7.70E-07	8.91E-07	0.00E+00	2.02E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	1,1,2,2-Tetrachloroethane	2.27E-05	2.76E-05	5.48E-05	7.03E-05	7.99E-05	7.93E-05	8.55E-05	3.85E-04	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Missoula County	30063	U	Trichloroethylene	8.11E-02	8.22E-02	8.34E-02	9.06E-02	9.95E-02	1.07E-01	1.22E-01	1.95E-01	1.32E-03	1.72E-02	0.00E+00	0.00E+00	8.10E-02
Montana	Missoula County	30063	U	Vinyl Chloride	5.61E-05	6.80E-05	1.35E-04	1.79E-04	2.03E-04	2.05E-04	2.34E-04	9.47E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Musselshell County	30065	R	Acetaldehyde	2.75E-02	2.75E-02	2.75E-02	3.52E-02	3.52E-02	4.29E-02	4.29E-02	4.29E-02	0.00E+00	2.50E-02	9.04E-03	1.23E-03	0.00E+00
Montana	Musselshell County	30065	R	Acrolein	2.42E-02	2.42E-02	2.42E-02	2.75E-02	2.75E-02	3.09E-02	3.09E-02	3.09E-02	0.00E+00	2.65E-02	9.97E-04	5.35E-05	0.00E+00
Montana	Musselshell County	30065	R	Acrylonitrile	2.26E-06	2.26E-06	2.26E-06	4.95E-06	4.95E-06	7.64E-06	7.64E-06	7.64E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Musselshell County	30065	R	Arsenic Compounds	1.12E-06	1.12E-06	1.12E-06	4.32E-06	4.32E-06	7.53E-06	7.53E-06	7.53E-06	0.00E+00	5.86E-07	3.41E-06	3.29E-07	0.00E+00
Montana	Musselshell County	30065	R	Benzene	5.28E-01	5.28E-01	5.28E-01	5.77E-01	5.77E-01	6.27E-01	6.27E-01	6.27E-01	0.00E+00	6.62E-02	3.07E-02	5.48E-04	4.80E-01
Montana	Musselshell County	30065	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
Montana	Musselshell County	30065	R	Beryllium Compounds	9.05E-09	9.05E-09	9.05E-09	1.64E-07	1.64E-07	3.18E-07	3.18E-07	3.18E-07	0.00E+00	1.62E-07	0.00E+00	1.40E-09	0.00E+00
Montana	Musselshell County	30065	R	1,3-Butadiene	7.91E-03	7.91E-03	7.91E-03	1.16E-02	1.16E-02	1.52E-02	1.52E-02	1.52E-02	0.00E+00	8.60E-03	2.92E-03	4.29E-05	0.00E+00
Montana	Musselshell County	30065	R	Cadmium Compounds	1.78E-07	1.78E-07	1.78E-07	3.15E-07	3.15E-07	4.53E-07	4.53E-07	4.53E-07	0.00E+00	3.14E-07	0.00E+00	1.39E-09	0.00E+00
Montana	Musselshell County	30065	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	4.74E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Musselshell County	30065	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	2.07E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Musselshell County	30065	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	2.33E-05	0.00E+00	0.00E+00	8.30E-02
Montana	Musselshell County	30065	R	Chromium Compounds (includes Hexavalent)	1.34E-06	1.34E-06	1.34E-06	2.63E-06	2.63E-06	3.92E-06	3.92E-06	3.92E-06	0.00E+00	8.52E-07	1.77E-06	5.98E-09	0.00E+00
Montana	Musselshell County	30065	R	Chromium VI	7.25E-07	7.25E-07	7.25E-07	1.12E-06	1.12E-06	1.51E-06	1.51E-06	1.51E-06	0.00E+00	4.38E-07	6.75E-07	2.03E-09	0.00E+00
Montana	Musselshell County	30065	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
Montana	Musselshell County	30065	R	1,4-Dichlorobenzene	7.86E-05	7.86E-05	7.86E-05	1.35E-03	1.35E-03	2.63E-03	2.63E-03	2.63E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Musselshell County	30065	R	1,3-Dichloropropene	1.55E-04	1.55E-04	1.55E-04	2.76E-03	2.76E-03	5.37E-03	5.37E-03	5.37E-03	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Musselshell County	30065	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	2.56E-09	0.00E+00	0.00E+0	

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

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	
Montana	Petroleum County	30069	R	Chromium Compounds (includes Hexavalent)	1.47E-08	1.47E-08	1.47E-08	1.47E-08	1.47E-08	1.47E-08	1.47E-08	1.47E-08	1.47E-08	0.00E+00	1.48E-09	5.17E-09	8.10E-09	0.00E+00
Montana	Petroleum County	30069	R	Chromium VI	5.97E-09	5.97E-09	5.97E-09	5.97E-09	5.97E-09	5.97E-09	5.97E-09	5.97E-09	5.97E-09	0.00E+00	6.31E-10	2.58E-09	2.75E-09	0.00E+00
Montana	Petroleum County	30069	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
Montana	Petroleum County	30069	R	1,4-Dichlorobenzene	9.89E-06	9.89E-06	9.89E-06	9.89E-06	9.89E-06	9.89E-06	9.89E-06	9.89E-06	9.89E-06	0.00E+00	9.89E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Petroleum County	30069	R	1,3-Dichloropropene	1.96E-05	1.96E-05	1.96E-05	1.96E-05	1.96E-05	1.96E-05	1.96E-05	1.96E-05	1.96E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Petroleum County	30069	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	7.70E-03	0.00E+00	5.62E-10	0.00E+00	0.00E+00	7.70E-03
Montana	Petroleum County	30069	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	6.10E-02	0.00E+00	1.22E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Petroleum County	30069	R	Ethylene Oxide	1.93E-08	1.93E-08	1.93E-08	1.93E-08	1.93E-08	1.93E-08	1.93E-08	1.93E-08	1.93E-08	0.00E+00	1.93E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Petroleum County	30069	R	Formaldehyde	3.74E-01	3.74E-01	3.74E-01	3.74E-01	3.74E-01	3.74E-01	3.74E-01	3.74E-01	3.74E-01	0.00E+00	1.22E-01	1.12E-04	2.31E-03	2.50E-01
Montana	Petroleum County	30069	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	9.30E-05	0.00E+00	7.25E-09	0.00E+00	0.00E+00	9.30E-05
Montana	Petroleum County	30069	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	6.02E-11	0.00E+00	0.00E+00	1.80E-03
Montana	Petroleum County	30069	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
Montana	Petroleum County	30069	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
Montana	Petroleum County	30069	R	Lead Compounds	3.42E-08	3.42E-08	3.42E-08	3.42E-08	3.42E-08	3.42E-08	3.42E-08	3.42E-08	3.42E-08	0.00E+00	4.36E-09	0.00E+00	2.98E-08	0.00E+00
Montana	Petroleum County	30069	R	Manganese Compounds	2.71E-08	2.71E-08	2.71E-08	2.71E-08	2.71E-08	2.71E-08	2.71E-08	2.71E-08	2.71E-08	0.00E+00	1.25E-08	2.43E-09	1.22E-08	0.00E+00
Montana	Petroleum County	30069	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	3.36E-09	2.14E-08	1.17E-07	1.50E-03
Montana	Petroleum County	30069	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	1.50E-01	0.00E+00	3.72E-05	0.00E+00	0.00E+00	1.50E-01
Montana	Petroleum County	30069	R	Nickel Compounds	4.62E-08	4.62E-08	4.62E-08	4.62E-08	4.62E-08	4.62E-08	4.62E-08	4.62E-08	4.62E-08	0.00E+00	1.98E-08	7.69E-09	1.87E-08	0.00E+00
Montana	Petroleum County	30069	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	1.40E-01	0.00E+00	5.90E-06	0.00E+00	0.00E+00	1.40E-01
Montana	Petroleum County	30069	R	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	3.80E-04	0.00E+00	1.14E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Petroleum County	30069	R	Polycyclic Organic Matter	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	0.00E+00	2.50E-03	4.62E-06	7.66E-06	0.00E+00
Montana	Petroleum County	30069	R	7-PAH	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	0.00E+00	1.04E-03	4.28E-09	2.91E-07	0.00E+00
Montana	Petroleum County	30069	R	Propylene Dichloride	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	6.18E-08	0.00E+00	6.18E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Petroleum County	30069	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
Montana	Petroleum County	30069	R	1,1,2,2-Tetrachloroethane	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	5.57E-07	0.00E+00	5.57E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Petroleum County	30069	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	8.10E-02	0.00E+00	2.91E-06	0.00E+00	0.00E+00	8.10E-02
Montana	Petroleum County	30069	R	Vinyl Chloride	1.37E-06	1.37E-06	1.37E-06	1.37E-06	1.37E-06	1.37E-06	1.37E-06	1.37E-06	1.37E-06	0.00E+00	1.37E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Phillips County	30071	R	Acetaldehyde	8.27E-01	8.27E-01	8.27E-01	1.02E+00	1.12E+00	1.53E+00	1.53E+00	1.53E+00	1.53E+00	0.00E+00	1.12E+00	8.62E-04	7.95E-03	0.00E+00
Montana	Phillips County	30071	R	Acrolein	4.91E-02	4.91E-02	4.91E-02	6.39E-02	6.39E-02	7.59E-02	7.59E-02	7.59E-02	7.59E-02	0.00E+00	6.25E-02	2.22E-04	2.21E-04	0.00E+00
Montana	Phillips County	30071	R	Acrylonitrile	2.07E-07	2.07E-07	2.07E-07	3.03E-07	2.84E-07	3.42E-07	3.42E-07	3.42E-07	3.42E-07	0.00E+00	2.84E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Phillips County	30071	R	Arsenic Compounds	8.47E-07	8.47E-07	8.47E-07	1.08E-06	1.20E-06	1.68E-06	1.68E-06	1.68E-06	1.68E-06	0.00E+00	1.87E-08	2.88E-07	8.95E-07	0.00E+00
Montana	Phillips County	30071	R	Benzene	5.71E-01	5.71E-01	5.71E-01	6.01E-01	5.99E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	0.00E+00	1.14E-01	2.87E-03	2.09E-03	4.80E-01
Montana	Phillips County	30071	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
Montana	Phillips County	30071	R	Beryllium Compounds	1.85E-07	1.85E-07	1.85E-07	1.87E-07	1.91E-07	2.02E-07	2.02E-07	2.02E-07	2.02E-07	0.00E+00	9.08E-09	0.00E+00	1.82E-07	0.00E+00
Montana	Phillips County	30071	R	1,3-Butadiene	1.44E-02	1.44E-02	1.44E-02	1.85E-02	1.93E-02	2.50E-02	2.50E-02	2.50E-02	2.50E-02	0.00E+00	1.90E-02	1.39E-04	1.32E-04	0.00E+00
Montana	Phillips County	30071	R	Cadmium Compounds	1.91E-07	1.91E-07	1.91E-07	2.06E-07	2.07E-07	2.22E-07	2.22E-07	2.22E-07	2.22E-07	0.00E+00	2.53E-08	0.00E+00	1.81E-07	0.00E+00
Montana	Phillips County	30071	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	4.70E-02	0.00E+00	3.18E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Phillips County	30071	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	1.20E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Phillips County	30071	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	8.30E-02	0.00E+00	5.92E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Phillips County	30071	R	Chromium Compounds (includes Hexavalent)	1.75E-07	1.75E-07	1.75E-07	2.49E-07	2.42E-07	3.02E-07	3.02E-07	3.02E-07	3.02E-07	0.00E+00	1.38E-08	1.67E-07	6.12E-08	0.00E+00
Montana	Phillips County	30071	R	Chromium VI	6.28E-08	6.28E-08	6.28E-08	9.28E-08	9.01E-08	1.15E-07	1.15E-07	1.15E-07	1.15E-07	0.00E+00	6.19E-09	6.31E-08	2.08E-08	0.00E+00
Montana	Phillips County	30071	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
Montana	Phillips County	30071	R	1,4-Dichlorobenzene	6.24E-05	6.24E-05	6.24E-05	9.90E-05	9.34E-05	1.19E-04	1.19E-04	1.19E-04	1.19E-04	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Phillips County	30071	R	1,3-Dichloropropene	1.24E-04	1.24E-04	1.24E-04	1.96E-04	1.85E-04	2.34E-04	2.34E-04	2.34E-04	2.34E-04	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Phillips County	30071	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	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Phillips County	30071	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	6.10E-02	0.00E+00	5.17E-09	0.00E+00	0.00E+00	6.10E-02
Montana	Phillips County	30071	R	Ethylene Oxide	1.85E-06	1.85E-06	1.85E-06	2.62E-06	2.57E-06	3.25E-06	3.25E-06	3.25E-06	3.25E-06	0.00E+00	2.57E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Phillips County	30071	R	Formaldehyde	9.01E-01	9.01E-01	9.01E-01	1.05E+00	1.19E+00	1.61E+00	1.61E+00	1.61E+00	1.61E+00	0.00E+00	9.25E-01	1.17E-03	1.03E-02	2.50E-01
Montana	Phillips County	30071	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	9.31E-05	0.00E+00	4.24E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Phillips County	30071	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	5.09E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Phillips County	30071	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
Montana	Phillips County	30071	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
Montana	Phillips County	30071	R	Lead Compounds	1.48E-06	1.48E-06	1.48E-06	1.91E-06	1.80E-06	2.02E-06	2.02E-06	2.02E-06	2.02E-06	0.00E+00	1.11E-06	0.00E+00	6.91E-07	0.00E+00
Montana	Phillips County	30071																

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Estimated Annual Average Ambient Concentrations µg/m3 for Montana

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		
Montana	Powder River County	30075	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
Montana	Powder River County	30075	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
Montana	Powder River County	30075	R	Lead Compounds	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	1.45E-08	0.00E+00	1.09E-08	0.00E+00	3.69E-09	0.00E+00	0.00E+00
Montana	Powder River County	30075	R	Manganese Compounds	5.43E-08	5.43E-08	5.43E-08	5.43E-08	5.43E-08	5.43E-08	5.43E-08	5.43E-08	5.43E-08	0.00E+00	2.83E-08	1.00E-08	1.59E-08	0.00E+00	0.00E+00
Montana	Powder River County	30075	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	5.35E-09	8.37E-08	1.83E-07	1.50E-03	0.00E+00
Montana	Powder River County	30075	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	1.50E-01	0.00E+00	9.81E-05	0.00E+00	0.00E+00	1.50E-01	0.00E+00
Montana	Powder River County	30075	R	Nickel Compounds	8.39E-08	8.39E-08	8.39E-08	8.39E-08	8.39E-08	8.39E-08	8.39E-08	8.39E-08	8.39E-08	0.00E+00	3.08E-08	3.05E-08	2.25E-08	0.00E+00	0.00E+00
Montana	Powder River County	30075	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	1.40E-01	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Montana	Powder River County	30075	R	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	3.80E-04	0.00E+00	2.77E-07	0.00E+00	0.00E+00	3.80E-04	0.00E+00
Montana	Powder River County	30075	R	Polycyclic Organic Matter	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	0.00E+00	3.40E-03	1.36E-05	8.45E-06	0.00E+00	0.00E+00
Montana	Powder River County	30075	R	7-PAH	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	0.00E+00	1.40E-03	6.43E-08	6.58E-08	0.00E+00	0.00E+00
Montana	Powder River County	30075	R	Propylene Dichloride	2.58E-09	2.58E-09	2.58E-09	2.58E-09	2.58E-09	2.58E-09	2.58E-09	2.58E-09	2.58E-09	0.00E+00	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Powder River County	30075	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
Montana	Powder River County	30075	R	1,1,2,2-Tetrachloroethane	4.03E-10	4.03E-10	4.03E-10	4.03E-10	4.03E-10	4.03E-10	4.03E-10	4.03E-10	4.03E-10	0.00E+00	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Powder River County	30075	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	8.10E-02	0.00E+00	5.68E-06	0.00E+00	0.00E+00	8.10E-02	0.00E+00
Montana	Powder River County	30075	R	Vinyl Chloride	1.49E-09	1.49E-09	1.49E-09	1.49E-09	1.49E-09	1.49E-09	1.49E-09	1.49E-09	1.49E-09	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Powell County	30077	U	Acetaldehyde	4.71E-02	4.71E-02	4.71E-02	6.96E-02	6.96E-02	9.21E-02	9.21E-02	9.21E-02	5.78E-10	6.15E-02	3.43E-03	4.74E-03	0.00E+00	0.00E+00	0.00E+00
Montana	Powell County	30077	U	Acrolein	4.44E-02	4.44E-02	4.44E-02	4.48E-02	4.48E-02	4.52E-02	4.52E-02	4.52E-02	0.00E+00	4.37E-02	7.78E-04	3.71E-04	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Acrylonitrile	1.96E-07	1.96E-07	1.96E-07	3.57E-06	3.57E-06	6.94E-06	6.94E-06	6.94E-06	0.00E+00	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Arsenic Compounds	7.36E-07	7.36E-07	7.36E-07	1.04E-05	1.04E-05	2.01E-05	2.01E-05	2.01E-05	1.35E-11	9.02E-06	8.79E-07	5.10E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Benzene	5.62E-01	5.62E-01	5.62E-01	5.67E-01	5.67E-01	5.72E-01	5.72E-01	5.72E-01	3.32E-09	7.59E-02	9.49E-03	1.36E-03	4.80E-01	0.00E+00	
Montana	Powell County	30077	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	
Montana	Powell County	30077	U	Beryllium Compounds	5.69E-07	5.69E-07	5.69E-07	1.06E-06	1.06E-06	1.56E-06	1.56E-06	1.56E-06	1.03E-11	2.20E-07	0.00E+00	8.43E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	1,3-Butadiene	7.11E-03	7.11E-03	7.11E-03	9.27E-03	9.27E-03	1.14E-02	1.14E-02	1.14E-02	0.00E+00	8.71E-03	4.02E-04	1.57E-04	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Cadmium Compounds	5.82E-07	5.82E-07	5.82E-07	1.13E-06	1.13E-06	1.67E-06	1.67E-06	1.67E-06	1.06E-11	2.87E-07	0.00E+00	8.39E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	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	1.71E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Montana	Powell County	30077	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	5.01E-06	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Montana	Powell County	30077	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.32E-02	0.00E+00	1.23E-04	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Montana	Powell County	30077	U	Chromium Compounds (includes Hexavalent)	4.82E-07	4.82E-07	4.82E-07	1.21E-06	1.21E-06	1.94E-06	1.94E-06	1.94E-06	1.04E-11	4.46E-07	5.45E-07	2.19E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Chromium VI	1.96E-07	1.96E-07	1.96E-07	4.98E-07	4.98E-07	8.01E-07	8.01E-07	8.01E-07	3.53E-12	2.04E-07	2.20E-07	7.44E-08	0.00E+00	0.00E+00	
Montana	Powell County	30077	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	
Montana	Powell County	30077	U	1,4-Dichlorobenzene	6.57E-05	6.57E-05	6.57E-05	3.83E-04	3.83E-04	7.00E-04	7.00E-04	7.00E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	1,3-Dichloropropene	1.26E-04	1.26E-04	1.26E-04	7.46E-04	7.46E-04	1.37E-03	1.37E-03	1.37E-03	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	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	1.36E-09	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Montana	Powell County	30077	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	2.90E-07	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Montana	Powell County	30077	U	Ethylene Oxide	1.06E-06	1.06E-06	1.06E-06	1.14E-05	1.14E-05	2.17E-05	2.17E-05	2.17E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Formaldehyde	4.28E-01	4.28E-01	4.28E-01	4.48E-01	4.48E-01	4.69E-01	4.69E-01	4.69E-01	1.72E-10	1.87E-01	3.93E-03	7.29E-03	2.50E-01	0.00E+00	
Montana	Powell County	30077	U	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	4.54E-08	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Montana	Powell County	30077	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	2.59E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Montana	Powell County	30077	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	
Montana	Powell County	30077	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-12	7.16E-12	7.16E-12	0.00E+00	3.58E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Lead Compounds	1.33E-05	1.33E-05	1.33E-05	2.03E-05	2.03E-05	2.72E-05	2.72E-05	2.72E-05	3.04E-11	1.17E-05	0.00E+00	8.57E-06	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Manganese Compounds	4.45E-06	4.45E-06	4.45E-06	1.70E-05	1.70E-05	2.95E-05	2.95E-05	2.95E-05	2.04E-11	1.67E-05	1.70E-07	1.08E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	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	1.15E-11	4.76E-07	1.02E-06	1.46E-06	1.50E-03	0.00E+00	
Montana	Powell County	30077	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	0.00E+00	1.57E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Montana	Powell County	30077	U	Nickel Compounds	5.95E-07	5.95E-07	5.95E-07	1.96E-06	1.96E-06	3.33E-06	3.33E-06	3.33E-06	0.00E+00	1.30E-06	4.08E-07	2.57E-07	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	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	1.77E-04	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Montana	Powell County	30077	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.82E-04	3.82E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	2.12E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Montana	Powell County	30077	U	Polycyclic Organic Matter	4.37E-03	4.37E-03	4.37E-03	4.90E-03	4.90E-03	5.42E-03	5.42E-03	5.42E-03	1.54E-09	4.56E-03	1.79E-04	1.57E-04	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	7-PAH	1.61E-03	1.61E-03	1.61E-03	1.65E-03	1.65E-03	1.68E-03	1.68E-03	1.68E-03	0.00E+00	1.64E-03	1.28E-06	1.87E-06	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Propylene Dichloride	5.84E-09	5.84E-09	5.84E-09	1.73E-07	1.73E-07	3.40E-07	3.40E-07	3.40E-07	0.00E+00	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Powell County	30077	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	1.90E-10	1.90E-10	3.79E-10	3.79E-10	3.79E-10							

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

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	
Montana	Prairie County	30079	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	4.70E-02	0.00E+00	6.09E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Prairie County	30079	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	4.81E-07	0.00E+00	0.00E+00	8.80E-01
Montana	Prairie County	30079	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	8.30E-02	0.00E+00	2.33E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Prairie County	30079	R	Chromium Compounds (includes Hexavalent)	2.61E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	2.61E-07	0.00E+00	7.42E-09	1.78E-07	7.60E-08	0.00E+00
Montana	Prairie County	30079	R	Chromium VI	9.98E-08	9.98E-08	9.98E-08	9.98E-08	9.98E-08	9.98E-08	9.98E-08	9.98E-08	9.98E-08	0.00E+00	3.27E-09	7.06E-08	2.58E-08	0.00E+00
Montana	Prairie County	30079	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
Montana	Prairie County	30079	R	1,4-Dichlorobenzene	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	3.28E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	R	1,3-Dichloropropene	6.52E-05	6.52E-05	6.52E-05	6.52E-05	6.52E-05	6.52E-05	6.52E-05	6.52E-05	6.52E-05	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	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	7.70E-03	0.00E+00	1.17E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Prairie County	30079	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	6.10E-02	0.00E+00	3.20E-08	0.00E+00	0.00E+00	6.10E-02
Montana	Prairie County	30079	R	Ethylene Oxide	3.33E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	3.33E-06	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	R	Formaldehyde	6.24E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	6.24E-01	0.00E+00	3.66E-01	1.29E-03	6.15E-03	2.50E-01
Montana	Prairie County	30079	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	9.30E-05	0.00E+00	1.55E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Prairie County	30079	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	2.03E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Prairie County	30079	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
Montana	Prairie County	30079	R	Hydrazine	2.69E-10	2.69E-10	2.69E-10	2.69E-10	2.69E-10	2.69E-10	2.69E-10	2.69E-10	2.69E-10	0.00E+00	2.69E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	R	Lead Compounds	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06	0.00E+00	1.82E-08	0.00E+00	1.03E-06	0.00E+00
Montana	Prairie County	30079	R	Manganese Compounds	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	1.51E-07	0.00E+00	4.67E-08	5.68E-08	4.79E-08	0.00E+00
Montana	Prairie County	30079	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	7.98E-09	3.56E-07	6.26E-07	1.50E-03
Montana	Prairie County	30079	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	1.50E-01	0.00E+00	1.22E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Prairie County	30079	R	Nickel Compounds	2.94E-07	2.94E-07	2.94E-07	2.94E-07	2.94E-07	2.94E-07	2.94E-07	2.94E-07	2.94E-07	0.00E+00	5.43E-08	1.36E-07	1.04E-07	0.00E+00
Montana	Prairie County	30079	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	1.40E-01	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.40E-01
Montana	Prairie County	30079	R	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	3.80E-04	0.00E+00	3.60E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Prairie County	30079	R	Polycyclic Organic Matter	3.10E-03	3.10E-03	3.10E-03	3.10E-03	3.10E-03	3.10E-03	3.10E-03	3.10E-03	3.10E-03	0.00E+00	2.98E-03	5.71E-05	6.16E-05	0.00E+00
Montana	Prairie County	30079	R	7-PAH	1.21E-03	1.21E-03	1.21E-03	1.21E-03	1.21E-03	1.21E-03	1.21E-03	1.21E-03	1.21E-03	0.00E+00	1.21E-03	4.20E-07	7.22E-07	0.00E+00
Montana	Prairie County	30079	R	Propylene Dichloride	1.63E-08	1.63E-08	1.63E-08	1.63E-08	1.63E-08	1.63E-08	1.63E-08	1.63E-08	1.63E-08	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	R	Quinoline	1.42E-09	1.42E-09	1.42E-09	1.42E-09	1.42E-09	1.42E-09	1.42E-09	1.42E-09	1.42E-09	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	R	1,1,2,2-Tetrachloroethane	5.89E-10	5.89E-10	5.89E-10	5.89E-10	5.89E-10	5.89E-10	5.89E-10	5.89E-10	5.89E-10	0.00E+00	5.89E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Prairie County	30079	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	8.10E-02	0.00E+00	1.19E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Prairie County	30079	R	Vinyl Chloride	4.43E-08	4.43E-08	4.43E-08	4.43E-08	4.43E-08	4.43E-08	4.43E-08	4.43E-08	4.43E-08	0.00E+00	4.43E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Acetaldehyde	4.56E-02	4.56E-02	7.05E-02	1.01E-01	9.21E-02	1.10E-01	1.29E-01	1.29E-01	4.42E-03	6.48E-02	1.96E-02	3.32E-03	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Acrolein	3.91E-02	3.91E-02	5.21E-02	7.89E-02	7.21E-02	9.05E-02	9.45E-02	9.45E-02	3.90E-04	6.74E-02	3.75E-03	5.16E-04	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Acrylonitrile	3.98E-07	3.98E-07	4.19E-06	9.75E-06	8.92E-06	1.42E-05	1.46E-05	1.46E-05	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Arsenic Compounds	2.26E-06	2.26E-06	5.53E-06	8.35E-06	7.82E-06	1.01E-05	1.22E-05	1.22E-05	5.24E-09	1.44E-06	5.53E-06	8.41E-07	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Benzene	5.99E-01	5.99E-01	6.11E-01	7.08E-01	6.90E-01	7.58E-01	7.65E-01	7.65E-01	1.73E-04	1.47E-01	5.60E-02	6.63E-03	4.80E-01	0.00E+00
Montana	Ravalli County	30081	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
Montana	Ravalli County	30081	R	Beryllium Compounds	2.86E-08	2.86E-08	1.98E-07	4.58E-07	4.19E-07	5.00E-07	1.01E-06	1.01E-06	0.00E+00	2.98E-07	0.00E+00	1.21E-07	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	1,3-Butadiene	1.11E-02	1.11E-02	1.56E-02	2.83E-02	2.69E-02	3.85E-02	3.89E-02	3.89E-02	0.00E+00	2.29E-02	3.36E-03	5.90E-04	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Cadmium Compounds	4.07E-07	4.07E-07	5.98E-07	8.73E-07	8.54E-07	1.01E-06	1.47E-06	1.47E-06	1.39E-09	7.33E-07	0.00E+00	1.20E-07	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.74E-02	4.72E-02	4.97E-02	4.97E-02	3.14E-04	1.15E-04	0.00E+00	0.00E+00	4.70E-02	0.00E+00
Montana	Ravalli County	30081	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.84E-01	8.84E-01	4.50E-04	3.20E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00
Montana	Ravalli County	30081	R	Chloroform	8.31E-02	8.31E-02	8.37E-02	8.44E-02	8.71E-02	8.53E-02	1.07E-01	1.07E-01	2.32E-03	1.83E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00
Montana	Ravalli County	30081	R	Chromium Compounds (includes Hexavalent)	3.23E-06	3.23E-06	4.35E-06	6.56E-06	6.14E-06	7.72E-06	8.61E-06	8.61E-06	1.04E-08	2.65E-06	3.35E-06	1.25E-07	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Chromium VI	1.73E-06	1.73E-06	2.24E-06	3.12E-06	3.07E-06	3.78E-06	4.52E-06	4.52E-06	5.81E-09	1.69E-06	1.33E-06	4.24E-08	0.00E+00	0.00E+00
Montana	Ravalli County	30081	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
Montana	Ravalli County	30081	R	1,4-Dichlorobenzene	1.74E-04	1.74E-04	1.11E-03	2.80E-03	2.37E-03	3.24E-03	4.51E-03	4.51E-03	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	1,3-Dichloropropene	3.33E-04	3.33E-04	2.20E-03	5.54E-03	4.72E-03	6.51E-03	8.90E-03	8.90E-03	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Ravalli County	30081	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	7.70E-03	0.00E+00	4.42E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Ravalli County	30081	R	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.13E-02	6.13E-02	4.00E-05	2.91E-07	0.00E+00	0.00E+00	6.10E-02	0.00E+00
Montana	Ravalli County	30081	R	Ethylene Oxide	4.10E-07	4.10E-07	2.14E-05	6.09E-05	6.48E-05	1.17E-04	1.19E-04	1.19E-04	0.00E+00	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Ravalli County	30081	R	Formaldehyde	4.20E-01	4.20E-01	4.94E-01	6.38E-01	5.86E-01	6.65E-01	6.72E-01	6.72E-01	9.74E-03	2.96E-01	2.41E-02	6.12E-03	2.50E-01	0.00E+00
Montana	Ravalli County	30081	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.34E-05	9.34E-05	9.34E-05	0.00E+00	1.97E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00
Montana	Ravalli County	30081	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	1.56E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00
Montana	Ravalli County																	

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

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		
Montana	Ravalli County	30081	R	Propylene Dichloride	1.59E-08	1.59E-08	1.35E-07	3.56E-07	3.08E-07	4.84E-07	4.97E-07	4.97E-07	0.00E+00	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Ravalli County	30081	R	Quinoline	4.68E-10	4.68E-10	1.29E-09	6.68E-09	5.27E-09	7.87E-09	1.00E-08	1.00E-08	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Ravalli County	30081	R	1,1,2,2-Tetrachloroethane	1.78E-09	1.78E-09	1.93E-08	4.42E-08	4.08E-08	6.52E-08	6.71E-08	6.71E-08	0.00E+00	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Ravalli County	30081	R	Trichloroethylene	8.10E-02	8.10E-02	8.13E-02	8.19E-02	8.18E-02	8.21E-02	8.28E-02	8.28E-02	8.04E-05	7.06E-04	0.00E+00	0.00E+00	0.00E+00	8.10E-02	
Montana	Ravalli County	30081	R	Vinyl Chloride	2.18E-08	2.18E-08	1.10E-07	3.86E-07	3.10E-07	4.75E-07	5.15E-07	5.15E-07	0.00E+00	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Acetaldehyde	4.09E-02	4.09E-02	8.52E-02	1.68E-01	2.97E-01	5.08E-01	8.10E-01	8.10E-01	3.77E-04	2.76E-01	7.96E-03	1.30E-02	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Acrolein	2.42E-02	2.42E-02	5.97E-02	1.46E-01	2.66E-01	4.73E-01	7.49E-01	7.49E-01	2.47E-07	2.65E-01	1.28E-03	4.83E-04	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Acrylonitrile	2.95E-07	2.95E-07	4.25E-07	5.73E-06	5.69E-06	1.10E-05	1.10E-05	1.10E-05	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Arsenic Compounds	2.00E-06	2.00E-06	2.29E-06	6.64E-06	6.49E-06	1.07E-05	1.07E-05	1.07E-05	4.73E-07	1.17E-06	2.28E-06	2.57E-06	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Benzene	5.27E-01	5.27E-01	5.83E-01	1.67E-01	9.92E-01	1.40E+00	1.91E+00	1.91E+00	9.05E-05	4.79E-01	2.69E-02	6.18E-03	4.80E-01	0.00E+00	
Montana	Richland County	30083	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	
Montana	Richland County	30083	R	Beryllium Compounds	5.61E-08	5.61E-08	7.96E-08	3.14E-07	3.02E-07	5.25E-07	5.25E-07	2.45E-07	2.45E-07	2.16E-07	0.00E+00	6.15E-08	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	1,3-Butadiene	5.99E-03	5.99E-03	8.55E-03	2.50E-02	7.23E-02	1.36E-01	2.33E-01	2.33E-01	0.00E+00	6.97E-02	2.09E-03	5.46E-04	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Cadmium Compounds	1.03E-07	1.03E-07	1.41E-07	5.59E-07	5.43E-07	9.45E-07	9.48E-07	9.48E-07	6.01E-08	4.21E-07	0.00E+00	6.14E-08	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Carbon Disulfide	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	4.71E-02	1.59E-07	6.40E-05	0.00E+00	0.00E+00	4.70E-02	0.00E+00	
Montana	Richland County	30083	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	1.91E-05	0.00E+00	0.00E+00	8.80E-01	0.00E+00	
Montana	Richland County	30083	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.44E-02	8.44E-02	8.56E-02	8.56E-02	8.56E-02	0.00E+00	1.36E-03	0.00E+00	0.00E+00	8.30E-02	0.00E+00	
Montana	Richland County	30083	R	Chromium Compounds (includes Hexavalent)	5.22E-07	5.22E-07	6.62E-07	2.63E-06	2.56E-06	4.46E-06	4.46E-06	4.46E-06	3.04E-07	7.73E-07	1.40E-06	7.97E-08	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Chromium VI	1.35E-07	1.35E-07	1.70E-07	1.02E-06	1.00E-06	1.83E-06	1.83E-06	3.35E-08	4.11E-07	5.29E-07	2.71E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	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	
Montana	Richland County	30083	R	1,4-Dichlorobenzene	1.11E-04	1.11E-04	1.44E-04	1.46E-03	1.45E-03	2.76E-03	2.78E-03	2.78E-03	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	1,3-Dichloropropene	2.14E-04	2.14E-04	2.81E-04	2.97E-03	2.95E-03	5.62E-03	5.65E-03	5.65E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	
Montana	Richland County	30083	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	4.89E-08	8.74E-07	0.00E+00	0.00E+00	6.10E-02	0.00E+00	
Montana	Richland County	30083	R	Ethylene Oxide	5.04E-06	5.04E-06	7.62E-06	1.07E-04	1.06E-04	2.05E-04	2.06E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Richland County	30083	R	Formaldehyde	3.77E-01	3.77E-01	5.18E-01	8.35E-01	1.38E+00	2.23E+00	3.46E+00	3.46E+00	2.66E-03	1.10E+00	1.05E-02	1.68E-02	2.50E-01	0.00E+00	0.00E+00
Montana	Richland County	30083	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.52E-07	0.00E+00	0.00E+00	9.30E-05	0.00E+00	
Montana	Richland County	30083	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	1.02E-08	0.00E+00	0.00E+00	1.80E-03	0.00E+00	
Montana	Richland County	30083	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	
Montana	Richland County	30083	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	
Montana	Richland County	30083	R	Lead Compounds	2.97E-05	2.97E-05	4.34E-05	3.28E-04	5.35E-04	1.03E-03	1.46E-03	1.46E-03	2.51E-06	1.61E-05	0.00E+00	5.17E-04	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Manganese Compounds	8.36E-07	8.36E-07	1.06E-06	3.64E-06	3.54E-06	6.02E-06	6.05E-06	6.05E-06	5.71E-07	2.34E-06	4.42E-07	2.05E-07	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	4.28E-11	4.95E-07	2.63E-06	2.25E-06	1.50E-03	0.00E+00	
Montana	Richland County	30083	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.56E-01	1.56E-01	1.62E-01	1.62E-01	1.62E-01	3.22E-07	6.17E-03	0.00E+00	0.00E+00	1.50E-01	0.00E+00	
Montana	Richland County	30083	R	Nickel Compounds	8.26E-07	8.26E-07	1.03E-06	7.88E-06	7.79E-06	1.46E-05	1.46E-05	1.46E-05	3.23E-07	6.07E-06	1.09E-06	3.07E-07	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.43E-01	1.43E-01	1.47E-01	1.47E-01	1.47E-01	4.78E-08	3.38E-03	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Montana	Richland County	30083	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.89E-04	3.89E-04	3.97E-04	3.97E-04	3.97E-04	0.00E+00	8.84E-06	0.00E+00	0.00E+00	3.80E-04	0.00E+00	
Montana	Richland County	30083	R	Polycyclic Organic Matter	2.51E-03	2.51E-03	5.46E-03	1.65E-02	2.83E-02	5.12E-02	7.77E-02	7.77E-02	5.20E-06	2.75E-02	4.95E-04	3.31E-04	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	7-PAH	9.14E-04	9.14E-04	2.11E-03	5.31E-03	1.03E-02	1.85E-02	2.97E-02	2.97E-02	4.73E-10	1.03E-02	3.01E-06	2.48E-06	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Propylene Dichloride	8.79E-09	8.79E-09	1.26E-08	1.71E-07	1.69E-07	3.26E-07	3.28E-07	3.28E-07	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	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	
Montana	Richland County	30083	R	1,1,2,2-Tetrachloroethane	1.38E-09	1.38E-09	1.98E-09	2.67E-08	2.65E-08	5.11E-08	5.13E-08	5.13E-08	0.00E+00	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Richland County	30083	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.16E-02	8.16E-02	8.22E-02	8.22E-02	8.22E-02	0.00E+00	6.03E-04	0.00E+00	0.00E+00	8.10E-02	0.00E+00	
Montana	Richland County	30083	R	Vinyl Chloride	5.08E-09	5.08E-09	7.31E-09	9.87E-08	9.80E-08	1.89E-07	1.90E-07	1.90E-07	0.00E+00	9.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Acetaldehyde	1.61E-01	1.61E-01	2.65E-01	9.01E-01	7.71E-01	1.17E+00	1.36E+00	1.36E+00	7.23E-07	7.52E-01	5.30E-03	1.36E-02	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Acrolein	1.57E-02	1.57E-02	2.16E-02	2.55E-02	2.47E-02	2.90E-02	3.17E-02	3.17E-02	2.20E-08	2.35E-02	8.64E-04	3.68E-04	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Acrylonitrile	3.84E-07	3.84E-07	2.16E-05	2.21E-05	5.04E-05	3.96E-05	1.68E-04	1.68E-04	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Arsenic Compounds	1.36E-06	1.36E-06	1.51E-06	2.05E-06	3.95E-06	2.10E-06	1.28E-05	1.28E-05	6.25E-08	1.89E-07	2.32E-06	1.38E-06	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Benzene	5.13E-01	5.13E-01	5.23E-01	5.34E-01	5.61E-01	5.37E-01	6.96E-01	6.96E-01	2.15E-07	5.56E-02	2.28E-02	2.45E-03	4.80E-01	0.00E+00	
Montana	Roosevelt County	30085	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	
Montana	Roosevelt County	30085	R	Beryllium Compounds	1.29E-07	1.29E-07	2.54E-07	2.62E-07	6.37E-07	6.01E-07	1.94E-06	1.94E-06	3.26E-09	8.33E-08	0.00E+00	5.50E-07	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	1,3-Butadiene	4.44E-03	4.44E-03	4.87E-03	6.36E-03	8.26E-03	7.62E-03	1.80E-02	1.80E-02	0.00E+00	5.97E-03	2.02E-03	2.67E-04	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Cadmium Compounds	1.46E-07	1.46E-07	2.72E-07	7.93E-07	6.93E-07	6.53E-07	2.12E-06	2.12E-06	8.04E-09	1.36E-07	0.00E+00	5.67E-07	0.00E+00	0.00E+00	
Mont																			

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

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	
Montana	Roosevelt County	30085	R	Formaldehyde	3.75E-01	3.75E-01	4.55E-01	4.65E-01	5.96E-01	5.73E-01	1.11E+00	1.11E+00	4.16E-08	3.21E-01	8.79E-03	1.59E-02	2.50E-01	
Montana	Roosevelt County	30085	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.31E-05	9.36E-05	9.36E-05	0.00E+00	1.77E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	Roosevelt County	30085	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	8.50E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Roosevelt County	30085	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	
Montana	Roosevelt County	30085	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	
Montana	Roosevelt County	30085	R	Lead Compounds	1.27E-06	1.27E-06	2.19E-06	5.83E-06	2.19E-05	6.60E-06	9.35E-05	9.35E-05	0.00E+00	1.39E-05	0.00E+00	7.96E-06	0.00E+00	
Montana	Roosevelt County	30085	R	Manganese Compounds	2.59E-07	2.59E-07	2.88E-07	3.82E-07	1.22E-06	9.04E-07	4.28E-06	4.28E-06	7.59E-08	5.63E-07	4.38E-07	1.46E-07	0.00E+00	
Montana	Roosevelt County	30085	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.52E-03	1.52E-03	0.00E+00	3.84E-07	2.76E-06	1.81E-06	1.50E-03	
Montana	Roosevelt County	30085	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.56E-01	1.51E-01	1.76E-01	1.76E-01	3.81E-08	5.79E-03	0.00E+00	0.00E+00	1.50E-01
Montana	Roosevelt County	30085	R	Nickel Compounds	5.24E-07	5.24E-07	5.52E-07	7.84E-07	2.34E-06	8.88E-07	8.93E-06	8.93E-06	4.27E-08	1.05E-06	9.68E-07	2.75E-07	0.00E+00	
Montana	Roosevelt County	30085	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.44E-01	1.40E-01	1.57E-01	1.57E-01	5.64E-09	3.59E-03	0.00E+00	0.00E+00	1.40E-01	
Montana	Roosevelt County	30085	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.95E-04	3.82E-04	4.52E-04	4.52E-04	0.00E+00	1.54E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	Roosevelt County	30085	R	Polycyclic Organic Matter	1.79E-03	1.79E-03	2.37E-03	2.95E-03	4.87E-03	3.38E-03	1.38E-02	1.38E-02	3.17E-09	4.28E-03	4.26E-04	1.64E-04	0.00E+00	
Montana	Roosevelt County	30085	R	7-PAH	5.80E-04	5.80E-04	8.14E-04	9.49E-04	9.79E-04	1.06E-03	1.50E-03	1.50E-03	6.41E-11	9.74E-04	3.25E-06	1.57E-06	0.00E+00	
Montana	Roosevelt County	30085	R	Propylene Dichloride	1.14E-08	1.14E-08	6.44E-07	1.32E-06	2.91E-06	2.38E-06	1.02E-05	1.02E-05	0.00E+00	9.71E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	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	
Montana	Roosevelt County	30085	R	1,1,2,2-Tetrachloroethane	1.79E-09	1.79E-09	1.01E-07	1.19E-05	2.54E-05	2.16E-05	9.32E-05	9.32E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Roosevelt County	30085	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.14E-02	8.12E-02	8.26E-02	8.26E-02	0.00E+00	3.91E-04	0.00E+00	0.00E+00	8.10E-02	
Montana	Roosevelt County	30085	R	Vinyl Chloride	6.60E-09	6.60E-09	3.73E-07	2.94E-05	6.25E-05	5.32E-05	2.30E-04	2.30E-04	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	R	Acetaldehyde	1.24E-02	1.24E-02	1.67E-01	4.47E-01	3.75E-01	5.84E-01	5.95E-01	5.95E-01	5.03E-05	6.65E-01	3.95E-03	5.29E-03	0.00E+00	
Montana	Rosebud County	30087	R	Acrolein	6.49E-03	6.49E-03	7.04E-02	1.35E-01	1.25E-01	1.79E-01	2.23E-01	2.23E-01	5.07E-06	1.24E-01	7.37E-04	2.23E-04	0.00E+00	
Montana	Rosebud County	30087	R	Acrylonitrile	8.33E-07	8.33E-07	1.79E-06	2.95E-06	4.25E-06	6.71E-06	1.03E-05	1.03E-05	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	R	Arsenic Compounds	4.59E-07	4.59E-07	9.72E-06	1.94E-05	1.74E-05	2.51E-05	3.03E-05	3.03E-05	1.56E-05	1.61E-07	1.14E-06	5.31E-07	0.00E+00	
Montana	Rosebud County	30087	R	Benzene	4.93E-01	4.93E-01	6.02E-01	7.47E-01	7.20E-01	8.38E-01	8.91E-01	8.91E-01	3.46E-05	2.27E-01	1.23E-02	1.05E-03	4.80E-01	
Montana	Rosebud County	30087	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	
Montana	Rosebud County	30087	R	Beryllium Compounds	6.39E-08	6.39E-08	3.14E-06	7.40E-06	6.25E-06	9.36E-06	1.01E-05	1.01E-05	5.61E-06	8.30E-08	0.00E+00	5.57E-07	0.00E+00	
Montana	Rosebud County	30087	R	1,3-Butadiene	1.37E-03	1.37E-03	1.28E-02	3.10E-02	3.29E-02	5.30E-02	6.83E-02	6.83E-02	0.00E+00	3.20E-02	8.14E-04	1.26E-04	0.00E+00	
Montana	Rosebud County	30087	R	Cadmium Compounds	7.02E-08	7.02E-08	1.01E-06	2.44E-06	2.08E-06	3.15E-06	3.35E-06	3.35E-06	1.33E-06	1.93E-07	0.00E+00	5.56E-07	0.00E+00	
Montana	Rosebud County	30087	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	3.46E-06	7.72E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	Rosebud County	30087	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	2.70E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Rosebud County	30087	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.31E-02	0.00E+00	2.70E-05	0.00E+00	0.00E+00	8.30E-02	
Montana	Rosebud County	30087	R	Chromium Compounds (includes Hexavalent)	1.42E-07	1.42E-07	1.26E-05	3.33E-05	6.62E-05	1.20E-04	1.98E-04	1.98E-04	6.52E-05	1.19E-07	6.77E-07	1.38E-07	0.00E+00	
Montana	Rosebud County	30087	R	Chromium VI	5.67E-08	5.67E-08	2.09E-06	5.42E-06	1.16E-05	2.12E-05	3.56E-05	3.56E-05	1.13E-05	4.52E-08	2.70E-07	4.71E-08	0.00E+00	
Montana	Rosebud County	30087	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	
Montana	Rosebud County	30087	R	1,4-Dichlorobenzene	4.69E-05	4.69E-05	1.19E-04	3.03E-04	1.28E-03	2.44E-03	4.46E-03	4.46E-03	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	R	1,3-Dichloropropene	9.25E-05	9.25E-05	2.33E-04	6.01E-04	2.60E-03	4.97E-03	9.11E-03	9.11E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	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	2.02E-09	0.00E+00	0.00E+00	7.70E-03	
Montana	Rosebud County	30087	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	1.07E-06	5.31E-07	0.00E+00	0.00E+00	6.10E-02	
Montana	Rosebud County	30087	R	Ethylene Oxide	1.47E-06	1.47E-06	1.52E-06	1.87E-06	2.50E-06	3.48E-06	4.78E-06	4.78E-06	0.00E+00	2.50E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	R	Formaldehyde	2.79E-01	2.79E-01	5.84E-01	1.03E+00	9.44E-01	1.30E+00	1.43E+00	1.43E+00	6.29E-06	6.82E-01	5.15E-03	7.23E-03	2.50E-01	
Montana	Rosebud County	30087	R	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	1.17E-07	0.00E+00	0.00E+00	9.30E-05	
Montana	Rosebud County	30087	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	1.16E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Rosebud County	30087	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	
Montana	Rosebud County	30087	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	
Montana	Rosebud County	30087	R	Lead Compounds	8.91E-05	8.91E-05	9.92E-05	1.29E-04	1.68E-04	2.36E-04	3.24E-04	3.24E-04	1.47E-04	1.33E-06	0.00E+00	1.91E-05	0.00E+00	
Montana	Rosebud County	30087	R	Manganese Compounds	5.01E-04	5.01E-04	6.33E-04	7.93E-04	3.34E-03	6.04E-03	1.13E-02	1.13E-02	3.34E-03	7.74E-07	2.12E-07	8.31E-08	0.00E+00	
Montana	Rosebud County	30087	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	2.58E-09	2.72E-07	1.38E-06	1.09E-06	1.50E-03	
Montana	Rosebud County	30087	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.53E-01	1.53E-01	6.88E-06	1.25E-03	0.00E+00	0.00E+00	1.50E-01	
Montana	Rosebud County	30087	R	Nickel Compounds	5.46E-07	5.46E-07	1.38E-05	3.52E-05	6.73E-05	1.21E-04	1.98E-04	1.98E-04	6.49E-05	1.69E-06	5.31E-07	1.87E-07	0.00E+00	
Montana	Rosebud County	30087	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.02E-06	4.49E-04	0.00E+00	0.00E+00	1.40E-01	
Montana	Rosebud County	30087	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.94E-04	4.07E-04	4.32E-04	4.32E-04	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.80E-04	
Montana	Rosebud County	30087	R	Polycyclic Organic Matter	7.18E-04	7.18E-04	6.45E-03	1.69E-02	1.41E-02	2.18E-02	2.19E-02	2.19E-02	5.07E-07	1.38E-02	2.31E-04	1.12E-04	0.00E+00	
Montana	Rosebud County	30087	R	7-PAH	2.39E-04	2.39E-04	2.54E-03	5.23E-03	4.87E-03	7.20E-03	8.78E-03	8.78E-03	1.03E-08	4.87E-03	1.71E-06	1.24E-06	0.00E+00	
Montana	Rosebud County	30087	R	Propylene Dichloride	2.48E-08	2.48E-08	9.26E-08	1.66E-07	2.37E-07	3.82E-07	5.93E-07	5.93E-07	0.00E+00	2.37E-07	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	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	
Montana	Rosebud County	30087	R	1,1,2,2-Tetrachloroethane	3.88E-09	3.88E-09	6.96E-07	1.40E-06	2.00E-06	3.31E-06	5.20E-06	5.20E-06	0.00E+00	2.00E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Rosebud County	30087	R	Trichloroethylene	8.10E-02	8												

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

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
Montana	Sanders County	30089	R	Beryllium Compounds	4.27E-07	4.27E-07	8.30E-07	1.26E-06	1.11E-06	1.40E-06	1.50E-06	1.50E-06	0.00E+00	4.93E-08	0.00E+00	1.06E-06	0.00E+00
Montana	Sanders County	30089	R	1,3-Butadiene	7.83E-03	7.83E-03	1.02E-02	1.40E-02	1.35E-02	1.68E-02	1.79E-02	1.79E-02	0.00E+00	1.30E-02	2.32E-04	1.99E-04	0.00E+00
Montana	Sanders County	30089	R	Cadmium Compounds	8.53E-07	8.53E-07	1.08E-06	1.46E-06	1.37E-06	1.65E-06	1.70E-06	1.70E-06	2.61E-09	3.06E-07	0.00E+00	1.06E-06	0.00E+00
Montana	Sanders County	30089	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.74E-02	4.79E-02	4.79E-02	1.98E-04	2.30E-05	0.00E+00	0.00E+00	4.70E-02
Montana	Sanders County	30089	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.81E-01	2.85E-04	4.65E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Sanders County	30089	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.47E-02	8.63E-02	8.96E-02	8.96E-02	1.46E-03	2.10E-04	0.00E+00	0.00E+00	8.30E-02
Montana	Sanders County	30089	R	Chromium Compounds (includes Hexavalent)	1.24E-06	1.24E-06	1.29E-06	2.48E-06	2.48E-06	3.67E-06	3.72E-06	3.72E-06	1.94E-08	1.75E-06	4.27E-07	2.79E-07	0.00E+00
Montana	Sanders County	30089	R	Chromium VI	5.62E-07	5.62E-07	5.87E-07	1.25E-06	1.26E-06	1.92E-06	1.96E-06	1.96E-06	1.09E-08	9.76E-07	1.73E-07	9.50E-08	0.00E+00
Montana	Sanders County	30089	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
Montana	Sanders County	30089	R	1,4-Dichlorobenzene	2.30E-04	2.30E-04	2.81E-04	3.39E-04	3.47E-04	4.14E-04	4.80E-04	4.80E-04	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	1,3-Dichloropropene	4.55E-04	4.55E-04	5.26E-04	6.12E-04	6.29E-04	7.33E-04	8.38E-04	8.38E-04	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	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	3.14E-08	0.00E+00	0.00E+00	7.70E-03
Montana	Sanders County	30089	R	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	2.53E-05	6.66E-06	0.00E+00	0.00E+00	6.10E-02
Montana	Sanders County	30089	R	Ethylene Oxide	1.06E-05	1.06E-05	1.09E-05	1.26E-05	1.31E-05	1.53E-05	1.66E-05	1.66E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	Formaldehyde	4.03E-01	4.03E-01	4.27E-01	4.80E-01	4.69E-01	5.10E-01	5.12E-01	5.12E-01	3.43E-03	2.03E-01	3.32E-03	8.73E-03	2.50E-01
Montana	Sanders County	30089	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	0.00E+00	3.32E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Sanders County	30089	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	2.06E-09	0.00E+00	0.00E+00	1.80E-03
Montana	Sanders County	30089	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
Montana	Sanders County	30089	R	Hydrazine	7.87E-13	7.87E-13	6.59E-12	1.43E-11	3.96E-11	7.26E-11	1.29E-10	1.29E-10	0.00E+00	3.96E-11	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	Lead Compounds	8.06E-06	8.06E-06	1.08E-05	1.78E-05	3.68E-05	6.29E-05	8.37E-05	8.37E-05	5.54E-08	2.53E-05	0.00E+00	1.15E-05	0.00E+00
Montana	Sanders County	30089	R	Manganese Compounds	5.06E-05	5.06E-05	6.33E-05	1.50E-04	1.44E-04	2.25E-04	2.25E-04	2.25E-04	1.55E-06	1.42E-04	1.33E-07	1.21E-07	0.00E+00
Montana	Sanders County	30089	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	7.29E-10	1.85E-07	7.81E-07	1.65E-06	1.50E-03
Montana	Sanders County	30089	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	3.71E-05	1.50E-03	0.00E+00	0.00E+00	1.50E-01
Montana	Sanders County	30089	R	Nickel Compounds	1.14E-06	1.14E-06	1.47E-06	2.04E-06	1.90E-06	2.34E-06	2.39E-06	2.39E-06	2.41E-09	1.27E-06	3.25E-07	3.02E-07	0.00E+00
Montana	Sanders County	30089	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	5.21E-05	6.59E-04	0.00E+00	0.00E+00	1.40E-01
Montana	Sanders County	30089	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.84E-04	3.85E-04	3.85E-04	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.80E-04
Montana	Sanders County	30089	R	Polycyclic Organic Matter	4.50E-03	4.50E-03	4.86E-03	5.77E-03	5.62E-03	6.38E-03	6.45E-03	6.45E-03	1.28E-11	5.26E-03	1.44E-04	2.13E-04	0.00E+00
Montana	Sanders County	30089	R	7-PAH	1.42E-03	1.42E-03	1.54E-03	1.92E-03	1.90E-03	2.27E-03	2.34E-03	2.34E-03	1.19E-13	1.90E-03	1.09E-06	2.47E-06	0.00E+00
Montana	Sanders County	30089	R	Propylene Dichloride	3.80E-08	3.80E-08	6.78E-08	1.10E-07	3.35E-06	6.64E-06	1.32E-05	1.32E-05	0.00E+00	3.35E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	Quinoline	2.14E-11	2.14E-11	5.35E-11	2.41E-10	8.64E-10	1.67E-09	2.95E-09	2.95E-09	0.00E+00	8.64E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	1,1,2,2-Tetrachloroethane	1.41E-07	1.41E-07	3.60E-07	7.07E-07	3.03E-05	6.03E-05	1.20E-04	1.20E-04	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Sanders County	30089	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.13E-02	8.20E-02	8.29E-02	8.43E-02	8.43E-02	5.18E-05	9.54E-04	0.00E+00	0.00E+00	8.10E-02
Montana	Sanders County	30089	R	Vinyl Chloride	3.53E-07	3.53E-07	8.98E-07	5.10E-06	7.64E-05	1.52E-04	2.95E-04	2.95E-04	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Sheridan County	30091	R	Acetaldehyde	3.28E-01	3.28E-01	3.45E-01	4.62E-01	4.86E-01	6.27E-01	6.91E-01	6.91E-01	0.00E+00	4.72E-01	8.43E-04	1.32E-02	0.00E+00
Montana	Sheridan County	30091	R	Acrolein	5.27E-03	5.27E-03	5.94E-03	7.38E-03	8.83E-03	1.17E-02	1.53E-02	1.53E-02	0.00E+00	8.42E-03	2.00E-04	2.12E-04	0.00E+00
Montana	Sheridan County	30091	R	Acrylonitrile	1.53E-06	1.53E-06	2.14E-06	6.23E-06	6.28E-06	1.04E-05	1.11E-05	1.11E-05	0.00E+00	6.28E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Sheridan County	30091	R	Arsenic Compounds	1.14E-06	1.14E-06	1.33E-06	1.66E-06	1.58E-06	1.82E-06	1.84E-06	1.84E-06	0.00E+00	3.03E-08	2.40E-07	1.31E-06	0.00E+00
Montana	Sheridan County	30091	R	Benzene	4.90E-01	4.90E-01	4.94E-01	4.99E-01	5.01E-01	5.07E-01	5.15E-01	5.15E-01	0.00E+00	1.63E-02	2.53E-03	1.86E-03	4.80E-01
Montana	Sheridan County	30091	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
Montana	Sheridan County	30091	R	Beryllium Compounds	1.12E-08	1.12E-08	2.51E-08	5.34E-08	4.93E-08	7.35E-08	7.93E-08	7.93E-08	0.00E+00	1.50E-08	0.00E+00	3.43E-08	0.00E+00
Montana	Sheridan County	30091	R	1,3-Butadiene	4.12E-04	4.12E-04	1.01E-03	1.89E-03	2.23E-03	3.45E-03	4.70E-03	4.70E-03	0.00E+00	2.00E-03	1.19E-04	1.10E-04	0.00E+00
Montana	Sheridan County	30091	R	Cadmium Compounds	1.60E-08	1.60E-08	3.66E-08	6.82E-08	6.15E-08	8.64E-08	9.36E-08	9.36E-08	0.00E+00	2.75E-08	0.00E+00	3.40E-08	0.00E+00
Montana	Sheridan County	30091	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	5.28E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Sheridan County	30091	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	1.51E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Sheridan County	30091	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	1.44E-05	0.00E+00	0.00E+00	8.30E-02
Montana	Sheridan County	30091	R	Chromium Compounds (includes Hexavalent)	6.23E-08	6.23E-08	1.17E-07	1.96E-07	1.84E-07	2.50E-07	2.81E-07	2.81E-07	0.00E+00	2.26E-08	1.37E-07	2.44E-08	0.00E+00
Montana	Sheridan County	30091	R	Chromium VI	2.45E-08	2.45E-08	4.72E-08	7.81E-08	7.36E-08	1.00E-07	1.14E-07	1.14E-07	0.00E+00	1.04E-08	5.49E-08	8.29E-09	0.00E+00
Montana	Sheridan County	30091	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
Montana	Sheridan County	30091	R	1,4-Dichlorobenzene	3.47E-05	3.47E-05	5.56E-05	8.20E-05	8.60E-05	1.16E-04	1.45E-04	1.45E-04	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Sheridan County	30091	R	1,3-Dichloropropene	6.52E-05	6.52E-05	1.04E-04	1.57E-04	1.67E-04	2.30E-04	2.90E-04	2.90E-04	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Sheridan County	30091	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	3.29E-09	0.00E+00	0.00E+00	7.70E-03
Montana	Sheridan County	30091	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	7.15E-07	0.00E+00	0.00E+00	6.10E-02
Montana	Sheridan County	30091	R	Ethylene Oxide	1.60E-06	1.60E-06	2.97E-06	4.96E-06	4.47E-06	5.98E-06	6.37E-06	6.37E-06	0.00E+00	4.47E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Sheridan County	30091	R	Formaldehyde	4.37E-01	4.37E-01	4.57E-01	5.08E-01	5.43E-01	6.29E-01	7.20E-01	7.20E-01	0.00E+00	2.76E-01	1.07E-03	1.64E-02	2.50E-01
Montana	Sheridan County	30091	R	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.51E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Sheridan County	30091	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	7.22E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Sheridan County	30091	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00									

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Estimated Annual Average Ambient Concentrations µg/m3 for Montana

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	
Montana	Sheridan County	30091	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	0.00E+00	9.95E-07	0.00E+00	0.00E+00	3.80E-04	
Montana	Sheridan County	30091	R	Polycyclic Organic Matter	5.02E-04	5.02E-04	7.40E-04	1.02E-03	1.09E-03	1.44E-03	1.83E-03	1.83E-03	0.00E+00	9.94E-04	4.79E-05	4.97E-05	0.00E+00	
Montana	Sheridan County	30091	R	7-PAH	1.63E-04	1.63E-04	2.13E-04	2.76E-04	3.30E-04	4.46E-04	6.04E-04	6.04E-04	0.00E+00	3.29E-04	3.36E-07	4.65E-07	0.00E+00	
Montana	Sheridan County	30091	R	Propylene Dichloride	8.28E-08	8.28E-08	1.20E-07	3.66E-07	3.68E-07	6.16E-07	6.57E-07	6.57E-07	0.00E+00	3.68E-07	0.00E+00	0.00E+00	0.00E+00	
Montana	Sheridan County	30091	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	
Montana	Sheridan County	30091	R	1,1,2,2-Tetrachloroethane	6.74E-07	6.74E-07	1.01E-06	3.25E-06	3.26E-06	5.51E-06	5.88E-06	5.88E-06	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Sheridan County	30091	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	4.38E-05	0.00E+00	0.00E+00	8.10E-02	
Montana	Sheridan County	30091	R	Vinyl Chloride	1.66E-06	1.66E-06	2.50E-06	8.00E-06	8.04E-06	1.36E-05	1.45E-05	1.45E-05	0.00E+00	8.04E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Acetaldehyde	3.16E-02	3.16E-02	8.90E-02	9.92E-02	1.17E-01	1.32E-01	2.61E-01	2.61E-01	2.54E-11	2.59E-02	7.03E-02	2.04E-02	0.00E+00	
Montana	Silver Bow County	30093	U	Acrolein	3.34E-02	3.34E-02	4.70E-02	5.20E-02	5.13E-02	5.50E-02	6.92E-02	6.92E-02	0.00E+00	3.67E-02	1.12E-02	3.39E-03	0.00E+00	
Montana	Silver Bow County	30093	U	Acrylonitrile	4.30E-06	4.30E-06	3.65E-05	5.76E-05	7.11E-05	1.16E-04	1.45E-04	1.45E-04	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Arsenic Compounds	5.53E-05	5.53E-05	1.38E-04	2.64E-04	3.20E-04	3.37E-04	1.02E-03	1.02E-03	8.27E-13	2.96E-04	1.88E-05	4.51E-06	0.00E+00	
Montana	Silver Bow County	30093	U	Benzene	5.78E-01	5.78E-01	8.47E-01	1.05E+00	1.04E+00	1.18E+00	1.62E+00	1.62E+00	2.03E-10	2.20E-01	3.18E-01	2.45E-02	4.80E-01	
Montana	Silver Bow County	30093	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	
Montana	Silver Bow County	30093	U	Beryllium Compounds	2.01E-07	2.01E-07	1.19E-06	1.80E-06	2.56E-06	4.24E-06	5.77E-06	5.77E-06	6.30E-13	2.49E-06	0.00E+00	6.66E-08	0.00E+00	
Montana	Silver Bow County	30093	U	1,3-Butadiene	1.05E-02	1.05E-02	2.90E-02	3.19E-02	4.10E-02	4.29E-02	1.10E-01	1.10E-01	0.00E+00	9.47E-03	2.76E-02	3.88E-03	0.00E+00	
Montana	Silver Bow County	30093	U	Cadmium Compounds	3.19E-07	3.19E-07	1.91E-06	2.88E-06	3.72E-06	6.20E-06	7.44E-06	7.44E-06	6.47E-13	3.65E-06	0.00E+00	6.61E-08	0.00E+00	
Montana	Silver Bow County	30093	U	Carbon Disulfide	4.70E-02	4.70E-02	4.74E-02	4.76E-02	4.78E-02	4.84E-02	4.87E-02	4.87E-02	0.00E+00	8.27E-04	0.00E+00	0.00E+00	4.70E-02	
Montana	Silver Bow County	30093	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	2.09E-04	0.00E+00	0.00E+00	8.80E-01	
Montana	Silver Bow County	30093	U	Chloroform	8.40E-02	8.40E-02	9.85E-02	1.09E-01	1.07E-01	1.18E-01	1.23E-01	1.23E-01	0.00E+00	2.41E-02	0.00E+00	0.00E+00	8.30E-02	
Montana	Silver Bow County	30093	U	Chromium Compounds (includes Hexavalent)	1.91E-06	1.91E-06	1.40E-05	1.88E-05	2.07E-05	2.24E-05	5.32E-05	5.32E-05	6.36E-13	4.16E-06	1.62E-05	3.40E-07	0.00E+00	
Montana	Silver Bow County	30093	U	Chromium VI	7.79E-07	7.79E-07	5.73E-06	8.17E-06	8.53E-06	9.24E-06	2.12E-05	2.16E-05	2.11E-06	6.31E-06	1.16E-07	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	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	
Montana	Silver Bow County	30093	U	1,4-Dichlorobenzene	8.07E-04	8.07E-04	1.48E-02	2.23E-02	2.12E-02	3.01E-02	3.46E-02	3.46E-02	0.00E+00	2.12E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	1,3-Dichloropropene	1.61E-03	1.61E-03	3.03E-02	4.55E-02	4.33E-02	6.14E-02	7.06E-02	7.06E-02	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	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	2.52E-08	0.00E+00	0.00E+00	7.70E-03	
Montana	Silver Bow County	30093	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	2.37E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	Silver Bow County	30093	U	Ethylene Oxide	2.62E-05	2.62E-05	2.17E-04	4.74E-04	8.51E-04	1.72E-03	1.96E-03	1.96E-03	0.00E+00	8.51E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Formaldehyde	3.87E-01	3.87E-01	4.90E-01	5.09E-01	5.36E-01	5.51E-01	8.02E-01	8.02E-01	7.27E-12	1.37E-01	1.11E-01	3.83E-02	2.50E-01	
Montana	Silver Bow County	30093	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	2.16E-08	0.00E+00	0.00E+00	9.30E-05	
Montana	Silver Bow County	30093	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	1.17E-07	0.00E+00	0.00E+00	1.80E-03	
Montana	Silver Bow County	30093	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	
Montana	Silver Bow County	30093	U	Hydrazine	6.02E-10	6.02E-10	1.68E-09	6.42E-09	9.44E-09	1.27E-08	3.34E-08	3.34E-08	0.00E+00	9.44E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Lead Compounds	8.41E-05	8.41E-05	2.18E-04	3.67E-04	4.40E-04	5.68E-04	1.13E-03	1.13E-03	1.86E-12	4.33E-04	0.00E+00	7.03E-06	0.00E+00	
Montana	Silver Bow County	30093	U	Manganese Compounds	3.60E-06	3.60E-06	1.72E-05	2.29E-05	2.24E-05	3.10E-05	3.31E-05	3.31E-05	1.26E-12	1.66E-05	5.35E-06	4.11E-07	0.00E+00	
Montana	Silver Bow County	30093	U	Mercury Compounds	1.50E-03	1.50E-03	1.52E-03	1.53E-03	1.53E-03	1.54E-03	1.57E-03	1.57E-03	7.01E-13	9.04E-06	1.80E-05	3.70E-06	1.50E-03	
Montana	Silver Bow County	30093	U	Methylene Chloride	1.53E-01	1.53E-01	1.89E-01	2.25E-01	2.28E-01	2.68E-01	3.05E-01	3.05E-01	0.00E+00	7.77E-02	0.00E+00	0.00E+00	1.50E-01	
Montana	Silver Bow County	30093	U	Nickel Compounds	1.79E-05	1.79E-05	6.57E-05	8.35E-05	8.99E-05	1.32E-04	1.38E-04	1.38E-04	0.00E+00	7.73E-05	1.19E-05	6.78E-07	0.00E+00	
Montana	Silver Bow County	30093	U	Perchloroethylene	1.41E-01	1.41E-01	1.48E-01	1.53E-01	1.52E-01	1.57E-01	1.60E-01	1.60E-01	0.00E+00	1.21E-02	0.00E+00	0.00E+00	1.40E-01	
Montana	Silver Bow County	30093	U	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	8.59E-07	0.00E+00	0.00E+00	3.80E-04	
Montana	Silver Bow County	30093	U	Polycyclic Organic Matter	5.67E-03	5.67E-03	3.02E-02	3.64E-02	3.47E-02	4.15E-02	5.61E-02	5.61E-02	9.42E-11	2.82E-02	5.33E-03	1.26E-03	0.00E+00	
Montana	Silver Bow County	30093	U	7-PAH	1.27E-03	1.27E-03	1.82E-03	2.03E-03	2.06E-03	2.07E-03	3.40E-03	3.40E-03	0.00E+00	2.03E-03	3.26E-05	6.06E-06	0.00E+00	
Montana	Silver Bow County	30093	U	Propylene Dichloride	1.84E-07	1.84E-07	1.39E-06	2.00E-06	2.47E-06	4.05E-06	4.72E-06	4.72E-06	0.00E+00	2.47E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Quinoline	3.07E-09	3.07E-09	5.73E-09	2.10E-08	2.83E-08	3.65E-08	9.70E-08	9.70E-08	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	1,1,2,2-Tetrachloroethane	6.00E-07	6.00E-07	2.26E-06	2.82E-06	2.85E-06	3.28E-06	5.49E-06	5.49E-06	0.00E+00	2.85E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Silver Bow County	30093	U	Trichloroethylene	8.13E-02	8.13E-02	8.51E-02	8.78E-02	8.94E-02	9.47E-02	9.89E-02	9.89E-02	0.00E+00	8.45E-03	0.00E+00	0.00E+00	8.10E-02	
Montana	Silver Bow County	30093	U	Vinyl Chloride	1.59E-06	1.59E-06	6.55E-06	8.45E-06	8.21E-06	9.64E-06	1.48E-05	1.48E-05	0.00E+00	8.21E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Stillwater County	30095	R	Acetaldehyde	1.18E-02	1.18E-02	2.41E-02	3.66E-02	3.07E-02	3.73E-02	3.77E-02	3.77E-02	1.88E-06	1.91E-02	3.73E-03	7.79E-03	0.00E+00	
Montana	Stillwater County	30095	R	Acrolein	6.03E-03	6.03E-03	1.04E-02	2.29E-02	2.27E-02	3.50E-02	3.89E-02	3.89E-02	1.26E-05	2.16E-02	6.05E-04	4.30E-04	0.00E+00	
Montana	Stillwater County	30095	R	Acrylonitrile	2.27E-07	2.27E-07	3.64E-07	1.12E-06	1.35E-06	2.33E-06	2.92E-06	2.92E-06	0.00E+00	1.35E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Stillwater County	30095	R	Arsenic Compounds	3.63E-07	3.63E-07	7.52E-07	1.63E-06	1.72E-06	2.68E-06	3.25E-06	3.25E-06	2.27E-07	5.66E-08	9.13E-07	5.19E-07	0.00E+00	
Montana	Stillwater County	30095	R	Benzene	4.95E-01	4.95E-01	5.12E-01	5.40E-01	5.33E-01	5.54E-01	5.58E-01	5.58E-01	6.29E-04	4.22E-02	8.99E-03	1.32E-03	4.80E-01	
Montana	Stillwater County	30095	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	
Montana	Stillwater County	30095	R	Beryllium Compounds	7.98E-08	7.98E-08	2.78E-07	9.74E-07	1.29E-06	2.30E-06	3.12E-06	3.12E-06	2.42E-08	2.44E-08	0.00E+00	1.24E-06	0.00E+00	
Montana	Stillwater County	30095	R	1,3-Butadiene	1.56E-03	1.56E-03	3.74E-03	7.05E-03	7.56E-03	1.14E-02	1.46E-02	1.46E-02	1.85E-06	6.79E-03	5.39E-04	2.24E-04	0.00E+00	
Montana	Stillwater County	30095	R	Cadmium Compounds	1.02E-07	1.02E-07	3.44E-07	1.08E-06	1.45E-06	2.57E-06	3.57E-06	3.57E-06	1.64E-07	5.59E-08				

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

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	
Montana	Stillwater County	30095	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	7.70E-03	0.00E+00	4.36E-10	0.00E+00	0.00E+00	7.70E-03
Montana	Stillwater County	30095	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	6.10E-02	1.48E-08	9.76E-08	0.00E+00	0.00E+00	6.10E-02
Montana	Stillwater County	30095	R	Ethylene Oxide	1.21E-06	1.21E-06	1.47E-06	3.36E-06	4.60E-06	7.74E-06	1.05E-05	1.05E-05	1.05E-05	0.00E+00	4.60E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Formaldehyde	2.82E-01	2.82E-01	3.09E-01	3.60E-01	3.57E-01	4.05E-01	4.25E-01	4.25E-01	1.57E-05	9.24E-02	3.97E-03	1.03E-02	2.50E-01	
Montana	Stillwater County	30095	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	9.31E-05	0.00E+00	3.87E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Stillwater County	30095	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	1.33E-09	0.00E+00	0.00E+00	1.80E-03
Montana	Stillwater County	30095	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
Montana	Stillwater County	30095	R	Hydrazine	0.00E+00	0.00E+00	1.48E-13	4.82E-13	4.75E-12	9.36E-12	1.81E-11	1.81E-11	0.00E+00	4.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Lead Compounds	8.88E-07	8.88E-07	2.11E-06	6.16E-06	1.18E-05	2.16E-05	3.42E-05	3.42E-05	5.31E-07	1.95E-06	0.00E+00	9.37E-06	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Manganese Compounds	2.54E-07	2.54E-07	5.34E-07	9.32E-07	3.15E-06	5.77E-06	1.05E-05	1.05E-05	2.61E-06	2.28E-07	1.78E-07	1.36E-07	0.00E+00	0.00E+00
Montana	Stillwater County	30095	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	6.65E-08	6.15E-08	1.07E-06	1.84E-06	0.00E+00	1.50E-03
Montana	Stillwater County	30095	R	Methylene Chloride	1.52E-01	1.52E-01	1.53E-01	1.55E-01	1.58E-01	1.63E-01	1.70E-01	1.70E-01	6.89E-03	8.27E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Stillwater County	30095	R	Nickel Compounds	2.87E-05	2.87E-05	4.88E-05	9.50E-05	1.47E-04	2.44E-04	3.68E-04	3.68E-04	1.13E-06	1.45E-04	4.05E-07	3.47E-07	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	3.67E-05	1.71E-04	0.00E+00	0.00E+00	1.40E-01	
Montana	Stillwater County	30095	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.83E-04	3.84E-04	3.86E-04	3.86E-04	2.59E-10	2.73E-06	0.00E+00	0.00E+00	3.80E-04	
Montana	Stillwater County	30095	R	Polycyclic Organic Matter	9.33E-04	9.33E-04	2.15E-03	3.67E-03	3.16E-03	4.17E-03	4.38E-03	4.38E-03	7.89E-05	2.68E-03	1.80E-04	2.21E-04	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	7-PAH	2.22E-04	2.22E-04	4.06E-04	8.78E-04	9.03E-04	1.40E-03	1.63E-03	1.63E-03	5.02E-08	8.99E-04	1.42E-06	2.47E-06	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Propylene Dichloride	6.94E-09	6.94E-09	1.09E-08	4.11E-08	5.96E-08	1.08E-07	1.49E-07	1.49E-07	0.00E+00	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Quinoline	0.00E+00	0.00E+00	8.67E-12	1.85E-11	1.13E-10	2.17E-10	4.14E-10	4.14E-10	0.00E+00	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	1,1,2,2-Tetrachloroethane	1.06E-09	1.06E-09	1.70E-09	1.40E-07	3.37E-07	6.73E-07	1.07E-06	1.07E-06	0.00E+00	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Stillwater County	30095	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	5.11E-06	6.55E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Stillwater County	30095	R	Vinyl Chloride	4.54E-09	4.54E-09	6.58E-09	3.51E-07	8.39E-07	1.67E-06	2.65E-06	2.65E-06	0.00E+00	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Acetaldehyde	5.15E-02	5.15E-02	5.15E-02	5.15E-02	5.15E-02	5.15E-02	5.15E-02	5.15E-02	0.00E+00	4.48E-02	1.84E-03	4.83E-03	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Acrolein	4.21E-02	4.21E-02	4.21E-02	4.21E-02	4.21E-02	4.21E-02	4.21E-02	4.21E-02	4.21E-02	0.00E+00	4.12E-02	4.26E-04	4.31E-04	0.00E+00
Montana	Sweet Grass County	30097	R	Acrylonitrile	5.96E-07	5.96E-07	5.96E-07	5.96E-07	5.96E-07	5.96E-07	5.96E-07	5.96E-07	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Arsenic Compounds	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	1.33E-06	4.65E-07	2.77E-08	5.39E-07	2.93E-07	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Benzene	5.61E-01	5.61E-01	5.61E-01	5.61E-01	5.61E-01	5.61E-01	5.61E-01	5.61E-01	0.00E+00	7.37E-02	5.70E-03	1.44E-03	4.80E-01	
Montana	Sweet Grass County	30097	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
Montana	Sweet Grass County	30097	R	Beryllium Compounds	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	1.02E-06	0.00E+00	1.39E-08	0.00E+00	1.01E-06	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	1,3-Butadiene	1.13E-02	1.13E-02	1.13E-02	1.13E-02	1.13E-02	1.13E-02	1.13E-02	1.13E-02	0.00E+00	1.09E-02	2.87E-04	1.76E-04	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Cadmium Compounds	1.49E-06	1.49E-06	1.49E-06	1.49E-06	1.49E-06	1.49E-06	1.49E-06	1.49E-06	4.55E-07	2.69E-08	0.00E+00	1.00E-06	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	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	6.68E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	Sweet Grass County	30097	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	2.13E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Sweet Grass County	30097	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	2.89E-04	0.00E+00	0.00E+00	8.30E-02	
Montana	Sweet Grass County	30097	R	Chromium Compounds (includes Hexavalent)	3.03E-06	3.03E-06	3.03E-06	3.03E-06	3.03E-06	3.03E-06	3.03E-06	3.03E-06	2.44E-06	2.08E-08	3.14E-07	2.55E-07	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Chromium VI	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	3.71E-07	1.46E-07	9.19E-09	1.28E-07	8.67E-08	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	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
Montana	Sweet Grass County	30097	R	1,4-Dichlorobenzene	1.15E-04	1.15E-04	1.15E-04	1.15E-04	1.15E-04	1.15E-04	1.15E-04	1.15E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	1,3-Dichloropropene	2.25E-04	2.25E-04	2.25E-04	2.25E-04	2.25E-04	2.25E-04	2.25E-04	2.25E-04	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	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	0.00E+00	0.00E+00	0.00E+00	7.70E-03	
Montana	Sweet Grass County	30097	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	6.90E-09	0.00E+00	0.00E+00	6.10E-02	
Montana	Sweet Grass County	30097	R	Ethylene Oxide	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	0.00E+00	8.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Formaldehyde	4.28E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	1.36E-06	1.69E-01	2.22E-03	6.73E-03	2.50E-01	
Montana	Sweet Grass County	30097	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	2.56E-08	0.00E+00	0.00E+00	9.30E-05	
Montana	Sweet Grass County	30097	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	1.07E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Sweet Grass County	30097	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
Montana	Sweet Grass County	30097	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
Montana	Sweet Grass County	30097	R	Lead Compounds	8.02E-06	8.02E-06	8.02E-06	8.02E-06	8.02E-06	8.02E-06	8.02E-06	8.02E-06	2.76E-06	1.50E-06	0.00E+00	3.77E-06	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Manganese Compounds	7.94E-07	7.94E-07	7.94E-07	7.94E-07	7.94E-07	7.94E-07	7.94E-07	7.94E-07	4.84E-07	9.76E-08	1.07E-07	1.05E-07	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	R	Mercury Compounds	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	3.27E-06	2.60E-08	6.30E-07	1.47E-06	1.50E-03	
Montana	Sweet Grass County	30097	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	4.41E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Sweet Grass County	30097	R	Nickel Compounds	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	4.62E-06	3.84E-06	2.70E-07	2.35E-07	2.73E-07	0.00E+00	0.00E+00
Montana	Sweet Grass County	30097	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	6.06E-05	0.00E+00	0.00E+00	1.40E-01	
Montana	Sweet Grass County	30097	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	1.16E-06	0.00E+00	0.00E+00	3.80E-04	
Montana	Sweet Grass County	30097	R															

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

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	
Montana	Teton County	30099	R	Arsenic Compounds	5.89E-07	5.89E-07	5.89E-07	1.45E-06	1.41E-06	2.18E-06	2.18E-06	2.18E-06	0.00E+00	3.20E-08	3.67E-07	1.01E-06	0.00E+00	
Montana	Teton County	30099	R	Benzene	5.01E-01	5.01E-01	5.01E-01	5.22E-01	5.17E-01	5.28E-01	5.28E-01	5.28E-01	0.00E+00	3.19E-02	3.54E-03	1.75E-03	4.80E-01	
Montana	Teton County	30099	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	
Montana	Teton County	30099	R	Beryllium Compounds	1.44E-08	1.44E-08	1.44E-08	6.24E-08	4.84E-08	6.83E-08	6.83E-08	6.83E-08	0.00E+00	1.55E-08	0.00E+00	3.29E-08	0.00E+00	
Montana	Teton County	30099	R	1,3-Butadiene	9.26E-04	9.26E-04	9.26E-04	8.00E-03	5.78E-03	8.40E-03	8.40E-03	8.40E-03	0.00E+00	5.48E-03	1.82E-04	1.11E-04	0.00E+00	
Montana	Teton County	30099	R	Cadmium Compounds	3.51E-08	3.51E-08	3.51E-08	9.06E-08	7.58E-08	1.02E-07	1.02E-07	1.02E-07	0.00E+00	4.30E-08	0.00E+00	3.28E-08	0.00E+00	
Montana	Teton County	30099	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	9.10E-06	0.00E+00	0.00E+00	4.70E-02	
Montana	Teton County	30099	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	2.97E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Teton County	30099	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.32E-02	8.32E-02	8.33E-02	8.33E-02	8.33E-02	0.00E+00	1.90E-04	0.00E+00	0.00E+00	8.30E-02	
Montana	Teton County	30099	R	Chromium Compounds (includes Hexavalent)	1.23E-07	1.23E-07	1.23E-07	2.64E-07	2.57E-07	3.84E-07	3.84E-07	3.84E-07	0.00E+00	2.44E-08	2.08E-07	2.41E-08	0.00E+00	
Montana	Teton County	30099	R	Chromium VI	4.72E-08	4.72E-08	4.72E-08	1.01E-07	9.86E-08	1.48E-07	1.48E-07	1.48E-07	0.00E+00	9.62E-09	8.08E-08	8.20E-09	0.00E+00	
Montana	Teton County	30099	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	
Montana	Teton County	30099	R	1,4-Dichlorobenzene	7.66E-05	7.66E-05	7.66E-05	1.25E-04	1.37E-04	2.10E-04	2.10E-04	2.10E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	R	1,3-Dichloropropene	1.51E-04	1.51E-04	1.51E-04	2.44E-04	2.72E-04	4.19E-04	4.19E-04	4.19E-04	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	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	1.42E-11	0.00E+00	0.00E+00	7.70E-03	
Montana	Teton County	30099	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	1.20E-08	0.00E+00	0.00E+00	6.10E-02	
Montana	Teton County	30099	R	Ethylene Oxide	2.21E-06	2.21E-06	2.21E-06	3.01E-06	3.32E-06	4.73E-06	4.73E-06	4.73E-06	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	R	Formaldehyde	2.95E-01	2.95E-01	2.95E-01	3.58E-01	3.42E-01	3.73E-01	3.73E-01	3.73E-01	0.00E+00	8.21E-02	1.64E-03	8.08E-03	2.50E-01	
Montana	Teton County	30099	R	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	5.09E-08	0.00E+00	0.00E+00	9.30E-05	
Montana	Teton County	30099	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	1.45E-09	0.00E+00	0.00E+00	1.80E-03	
Montana	Teton County	30099	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	
Montana	Teton County	30099	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	6.86E-13	4.64E-13	7.05E-13	7.05E-13	7.05E-13	0.00E+00	4.64E-13	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	R	Lead Compounds	1.04E-06	1.04E-06	1.04E-06	2.60E-06	2.96E-06	5.23E-06	5.23E-06	5.23E-06	0.00E+00	1.26E-07	0.00E+00	2.83E-06	0.00E+00	
Montana	Teton County	30099	R	Manganese Compounds	1.25E-07	1.25E-07	1.25E-07	3.68E-07	2.90E-07	3.75E-07	3.75E-07	3.75E-07	0.00E+00	1.53E-07	5.80E-08	7.87E-08	0.00E+00	
Montana	Teton County	30099	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	3.12E-08	4.35E-07	9.00E-07	1.50E-03	
Montana	Teton County	30099	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	0.00E+00	4.90E-04	0.00E+00	0.00E+00	1.50E-01	
Montana	Teton County	30099	R	Nickel Compounds	3.07E-07	3.07E-07	3.07E-07	6.58E-07	5.45E-07	6.71E-07	6.71E-07	6.71E-07	0.00E+00	2.71E-07	1.58E-07	1.17E-07	0.00E+00	
Montana	Teton County	30099	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	7.98E-05	0.00E+00	0.00E+00	1.40E-01	
Montana	Teton County	30099	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	1.28E-06	0.00E+00	0.00E+00	3.80E-04	
Montana	Teton County	30099	R	Polycyclic Organic Matter	1.22E-03	1.22E-03	1.22E-03	2.30E-03	2.12E-03	2.83E-03	2.83E-03	2.83E-03	0.00E+00	2.00E-03	6.84E-05	4.56E-05	0.00E+00	
Montana	Teton County	30099	R	7-PAH	2.96E-04	2.96E-04	2.96E-04	8.67E-04	6.89E-04	9.04E-04	9.04E-04	9.04E-04	0.00E+00	6.88E-04	5.34E-07	3.90E-07	0.00E+00	
Montana	Teton County	30099	R	Propylene Dichloride	7.43E-09	7.43E-09	7.43E-09	1.90E-08	2.42E-08	4.62E-08	4.62E-08	4.62E-08	0.00E+00	2.42E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	2.34E-11	1.62E-11	2.53E-11	2.53E-11	2.53E-11	0.00E+00	1.62E-11	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	R	1,1,2,2-Tetrachloroethane	1.16E-09	1.16E-09	1.16E-09	2.94E-09	3.77E-09	7.20E-09	7.20E-09	7.20E-09	0.00E+00	3.77E-09	0.00E+00	0.00E+00	0.00E+00	
Montana	Teton County	30099	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	2.89E-05	0.00E+00	0.00E+00	8.10E-02	
Montana	Teton County	30099	R	Vinyl Chloride	4.30E-09	4.30E-09	4.30E-09	1.16E-08	1.44E-08	2.74E-08	2.74E-08	2.74E-08	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	
Montana	Toole County	30101	U	Acetaldehyde	4.82E-02	4.82E-02	4.82E-02	6.33E-02	6.33E-02	7.85E-02	7.85E-02	7.85E-02	0.00E+00	5.02E-02	1.79E-03	1.13E-02	0.00E+00	
Montana	Toole County	30101	U	Acrolein	7.40E-03	7.40E-03	7.40E-03	1.41E-02	1.41E-02	2.07E-02	2.07E-02	2.07E-02	0.00E+00	1.34E-02	0.00E+00	2.29E-04	0.00E+00	
Montana	Toole County	30101	U	Acrylonitrile	1.80E-06	1.80E-06	1.80E-06	8.77E-06	8.77E-06	1.57E-05	1.57E-05	1.57E-05	0.00E+00	8.77E-06	0.00E+00	0.00E+00	0.00E+00	
Montana	Toole County	30101	U	Arsenic Compounds	1.48E-06	1.48E-06	1.48E-06	1.66E-06	1.66E-06	1.83E-06	1.83E-06	1.83E-06	0.00E+00	3.34E-08	5.30E-07	1.09E-06	0.00E+00	
Montana	Toole County	30101	U	Benzene	5.06E-01	5.06E-01	5.06E-01	5.17E-01	5.17E-01	5.27E-01	5.27E-01	5.27E-01	0.00E+00	2.95E-02	5.28E-03	1.80E-03	4.80E-01	
Montana	Toole County	30101	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	
Montana	Toole County	30101	U	Beryllium Compounds	1.40E-07	1.40E-07	1.40E-07	1.96E-07	1.96E-07	2.53E-07	2.53E-07	2.53E-07	0.00E+00	1.70E-08	0.00E+00	1.79E-07	0.00E+00	
Montana	Toole County	30101	U	1,3-Butadiene	2.39E-03	2.39E-03	2.39E-03	5.01E-03	5.01E-03	7.63E-03	7.63E-03	7.63E-03	0.00E+00	4.64E-03	2.59E-04	1.09E-04	0.00E+00	
Montana	Toole County	30101	U	Cadmium Compounds	1.63E-07	1.63E-07	1.63E-07	2.29E-07	2.29E-07	2.95E-07	2.95E-07	2.95E-07	0.00E+00	5.04E-08	0.00E+00	1.78E-07	0.00E+00	
Montana	Toole County	30101	U	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	1.08E-05	0.00E+00	0.00E+00	4.70E-02	
Montana	Toole County	30101	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	2.22E-06	0.00E+00	0.00E+00	8.80E-01	
Montana	Toole County	30101	U	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	1.20E-05	0.00E+00	0.00E+00	8.30E-02	
Montana	Toole County	30101	U	Chromium Compounds (includes Hexavalent)	3.89E-07	3.89E-07	3.89E-07	3.99E-07	3.99E-07	4.08E-07	4.08E-07	4.08E-07	0.00E+00	2.60E-08	3.13E-07	5.93E-08	0.00E+00	
Montana	Toole County	30101	U	Chromium VI	1.49E-07	1.49E-07	1.49E-07	1.54E-07	1.54E-07	1.59E-07	1.59E-07	1.59E-07	0.00E+00	1.17E-08	1.22E-07	2.01E-08	0.00E+00	
Montana	Toole County	30101	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	
Montana	Toole County	30101	U	1,4-Dichlorobenzene	8.44E-05	8.44E-05	8.44E-05	1.25E-04	1.25E-04	1.66E-04	1.66E-04	1.66E-04	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Toole County	30101	U	1,3-Dichloropropene	1.61E-04	1.61E-04	1.61E-04	2.41E-04	2.41E-04	3.22E-04	3.22E-04	3.22E-04	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	
Montana	Toole County	30101	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	5.22E-09	0.00E+00	0.00E+00	7.70E-03	
Montana	Toole County	30101	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	1.02E-06	0.00E+00	0.00E+00	6.10E-02	
Montana	Toole County	30101	U	Ethylene Oxide	6.77E-06	6.77E-06	6.77E-06	1.44E-05	1.44E-05	2.21E-05	2.21E-05	2.21E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	
Montana	Toole County	30101	U	Formaldehyde	3.10E-01	3.10E-01	3.10E-01	3.38E-01	3.38E-01	3.								

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

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	
Montana	Toole County	30101	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Toole County	30101	U	Nickel Compounds	5.28E-07	5.28E-07	5.28E-07	6.78E-07	6.78E-07	6.78E-07	8.28E-07	8.28E-07	8.28E-07	0.00E+00	2.88E-07	2.34E-07	1.56E-07	0.00E+00
Montana	Toole County	30101	U	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	1.40E-01	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.40E-01
Montana	Toole County	30101	U	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	3.81E-04	0.00E+00	8.97E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Toole County	30101	U	Polycyclic Organic Matter	1.11E-03	1.11E-03	1.11E-03	1.71E-03	1.71E-03	2.31E-03	2.31E-03	2.31E-03	2.31E-03	0.00E+00	1.54E-03	1.02E-04	7.11E-05	0.00E+00
Montana	Toole County	30101	U	7-PAH	2.81E-04	2.81E-04	2.81E-04	5.60E-04	5.60E-04	8.39E-04	8.39E-04	8.39E-04	8.39E-04	0.00E+00	5.58E-04	7.54E-07	7.45E-07	0.00E+00
Montana	Toole County	30101	U	Propylene Dichloride	9.09E-08	9.09E-08	9.09E-08	5.17E-07	5.17E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	0.00E+00	5.17E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Toole County	30101	U	Quinoline	2.56E-10	2.56E-10	2.56E-10	8.25E-10	8.25E-10	1.39E-09	1.39E-09	1.39E-09	1.39E-09	0.00E+00	8.25E-10	0.00E+00	0.00E+00	0.00E+00
Montana	Toole County	30101	U	1,1,2,2-Tetrachloroethane	4.83E-07	4.83E-07	4.83E-07	4.51E-06	4.51E-06	8.53E-06	8.53E-06	8.53E-06	8.53E-06	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Toole County	30101	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	4.84E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Toole County	30101	U	Vinyl Chloride	1.23E-06	1.23E-06	1.23E-06	1.11E-05	1.11E-05	2.10E-05	2.10E-05	2.10E-05	2.10E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	R	Acetaldehyde	7.06E-02	7.06E-02	7.06E-02	7.06E-02	7.06E-02	7.06E-02	7.06E-02	7.06E-02	7.06E-02	0.00E+00	6.59E-02	1.34E-03	3.41E-03	0.00E+00
Montana	Treasure County	30103	R	Acrolein	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	0.00E+00	2.43E-02	3.06E-04	1.89E-04	0.00E+00
Montana	Treasure County	30103	R	Acrylonitrile	2.76E-07	2.76E-07	2.76E-07	2.76E-07	2.76E-07	2.76E-07	2.76E-07	2.76E-07	2.76E-07	0.00E+00	2.76E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	R	Arsenic Compounds	9.44E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	9.44E-07	0.00E+00	2.36E-08	4.97E-07	4.23E-07	0.00E+00
Montana	Treasure County	30103	R	Benzene	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01	0.00E+00	4.62E-02	4.76E-03	1.25E-03	4.80E-01
Montana	Treasure County	30103	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
Montana	Treasure County	30103	R	Beryllium Compounds	3.88E-07	3.88E-07	3.88E-07	3.88E-07	3.88E-07	3.88E-07	3.88E-07	3.88E-07	3.88E-07	0.00E+00	9.70E-09	0.00E+00	3.79E-07	0.00E+00
Montana	Treasure County	30103	R	1,3-Butadiene	9.29E-03	9.29E-03	9.29E-03	9.29E-03	9.29E-03	9.29E-03	9.29E-03	9.29E-03	9.29E-03	0.00E+00	8.87E-03	2.91E-04	1.28E-04	0.00E+00
Montana	Treasure County	30103	R	Cadmium Compounds	3.97E-07	3.97E-07	3.97E-07	3.97E-07	3.97E-07	3.97E-07	3.97E-07	3.97E-07	3.97E-07	0.00E+00	1.94E-08	0.00E+00	3.78E-07	0.00E+00
Montana	Treasure County	30103	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	4.70E-02	0.00E+00	3.09E-06	0.00E+00	0.00E+00	4.70E-02
Montana	Treasure County	30103	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	1.14E-06	0.00E+00	0.00E+00	8.80E-01
Montana	Treasure County	30103	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	8.30E-02	0.00E+00	5.48E-06	0.00E+00	0.00E+00	8.30E-02
Montana	Treasure County	30103	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	4.07E-07	0.00E+00	1.67E-08	2.90E-07	9.98E-08	0.00E+00
Montana	Treasure County	30103	R	Chromium VI	1.59E-07	1.59E-07	1.59E-07	1.59E-07	1.59E-07	1.59E-07	1.59E-07	1.59E-07	1.59E-07	0.00E+00	7.99E-09	1.17E-07	3.39E-08	0.00E+00
Montana	Treasure County	30103	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
Montana	Treasure County	30103	R	1,4-Dichlorobenzene	6.88E-05	6.88E-05	6.88E-05	6.88E-05	6.88E-05	6.88E-05	6.88E-05	6.88E-05	6.88E-05	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	R	1,3-Dichloropropene	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	1.37E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	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	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03
Montana	Treasure County	30103	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	6.10E-02	0.00E+00	3.85E-09	0.00E+00	0.00E+00	6.10E-02
Montana	Treasure County	30103	R	Ethylene Oxide	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	4.83E-06	0.00E+00	4.83E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	R	Formaldehyde	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	4.03E-01	0.00E+00	1.46E-01	1.89E-03	4.89E-03	2.50E-01
Montana	Treasure County	30103	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	9.30E-05	0.00E+00	2.39E-08	0.00E+00	0.00E+00	9.30E-05
Montana	Treasure County	30103	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	4.95E-10	0.00E+00	0.00E+00	1.80E-03
Montana	Treasure County	30103	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
Montana	Treasure County	30103	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
Montana	Treasure County	30103	R	Lead Compounds	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	1.75E-06	0.00E+00	4.41E-07	0.00E+00	1.31E-06	0.00E+00
Montana	Treasure County	30103	R	Manganese Compounds	2.33E-07	2.33E-07	2.33E-07	2.33E-07	2.33E-07	2.33E-07	2.33E-07	2.33E-07	2.33E-07	0.00E+00	8.11E-08	8.95E-08	6.25E-08	0.00E+00
Montana	Treasure County	30103	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	2.81E-08	5.89E-07	7.92E-07	1.50E-03
Montana	Treasure County	30103	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	1.50E-01	0.00E+00	2.94E-04	0.00E+00	0.00E+00	1.50E-01
Montana	Treasure County	30103	R	Nickel Compounds	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	8.32E-07	0.00E+00	4.77E-07	2.19E-07	1.37E-07	0.00E+00
Montana	Treasure County	30103	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	1.40E-01	0.00E+00	3.06E-05	0.00E+00	0.00E+00	1.40E-01
Montana	Treasure County	30103	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	3.81E-04	0.00E+00	9.08E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Treasure County	30103	R	Polycyclic Organic Matter	2.74E-03	2.74E-03	2.74E-03	2.74E-03	2.74E-03	2.74E-03	2.74E-03	2.74E-03	2.74E-03	0.00E+00	2.57E-03	9.36E-05	7.50E-05	0.00E+00
Montana	Treasure County	30103	R	7-PAH	1.02E-03	1.02E-03	1.02E-03	1.02E-03	1.02E-03	1.02E-03	1.02E-03	1.02E-03	1.02E-03	0.00E+00	1.01E-03	7.36E-07	9.89E-07	0.00E+00
Montana	Treasure County	30103	R	Propylene Dichloride	8.21E-09	8.21E-09	8.21E-09	8.21E-09	8.21E-09	8.21E-09	8.21E-09	8.21E-09	8.21E-09	0.00E+00	8.21E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	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
Montana	Treasure County	30103	R	1,1,2,2-Tetrachloroethane	1.29E-09	1.29E-09	1.29E-09	1.29E-09	1.29E-09	1.29E-09	1.29E-09	1.29E-09	1.29E-09	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Treasure County	30103	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	8.10E-02	0.00E+00	1.85E-05	0.00E+00	0.00E+00	8.10E-02
Montana	Treasure County	30103	R	Vinyl Chloride	4.75E-09	4.75E-09	4.75E-09	4.75E-09	4.75E-09	4.75E-09	4.75E-09	4.75E-09	4.75E-09	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00
Montana	Valley County	30105	R	Acetaldehyde	4.80E-01	4.80E-01	5.92E-01	7.98E-01	7.39E-01	8.86E-01	9.38E-01	9.38E-01	9.38E-01	0.00E+00	7.15E-01	6.48E-03	1.69E-02	0.00E+00
Montana	Valley County	30105	R	Acrolein	2.46E-02	2.46E-02	3.54E-02	4.80E-02	4.32E-02	5.29E-02	5.52E-02	5.52E-02	5.52E-02	0.00E+00	4.21E-02	6.78E-04	4.40E-04	0.00E+00
Montana	Valley County	30105	R	Acrylonitrile	3.45E-07	3.45E-07	4.41E-07	1.01E-06	8.75E-07	1.27E-06	1.30E-06	1.30E-06	1.30E-06	0.00E+00	8.75E-07	0.00E+00	0.00E+00	0.00E+00
Montana	Valley County	30105	R	A														

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

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
Montana	Yellowstone County	30111	U	Lead Compounds	1.01E-04	1.17E-04	5.51E-04	1.30E-03	2.52E-03	2.63E-03	4.12E-03	8.95E-03	2.79E-05	1.46E-04	0.00E+00	2.35E-03	0.00E+00
Montana	Yellowstone County	30111	U	Manganese Compounds	5.02E-05	6.61E-05	8.07E-05	1.50E-04	2.66E-04	3.47E-04	5.72E-04	6.65E-04	2.49E-04	1.20E-05	3.79E-06	9.94E-07	0.00E+00
Montana	Yellowstone County	30111	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.56E-03	1.58E-03	1.60E-03	4.33E-06	8.13E-06	1.43E-05	1.01E-05	1.50E-03
Montana	Yellowstone County	30111	U	Methylene Chloride	1.53E-01	1.55E-01	1.76E-01	2.12E-01	2.16E-01	2.46E-01	2.84E-01	2.98E-01	1.35E-04	6.55E-02	0.00E+00	0.00E+00	1.50E-01
Montana	Yellowstone County	30111	U	Nickel Compounds	4.56E-05	5.11E-05	6.70E-05	8.82E-05	1.30E-04	1.65E-04	2.49E-04	2.73E-04	8.05E-05	3.91E-05	8.55E-06	2.33E-06	0.00E+00
Montana	Yellowstone County	30111	U	Perchloroethylene	1.43E-01	1.45E-01	1.51E-01	1.72E-01	1.74E-01	1.86E-01	2.12E-01	2.48E-01	5.46E-03	2.86E-02	0.00E+00	0.00E+00	1.40E-01
Montana	Yellowstone County	30111	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	2.01E-08	2.14E-07	0.00E+00	0.00E+00	3.80E-04
Montana	Yellowstone County	30111	U	Polycyclic Organic Matter	7.64E-03	1.10E-02	2.61E-02	4.03E-02	4.59E-02	5.99E-02	1.01E-01	1.15E-01	9.53E-03	2.67E-02	4.89E-03	4.76E-03	0.00E+00
Montana	Yellowstone County	30111	U	7-PAH	1.08E-03	1.25E-03	1.56E-03	3.26E-03	2.96E-03	3.64E-03	4.68E-03	5.32E-03	2.59E-06	2.90E-03	3.19E-05	3.23E-05	0.00E+00
Montana	Yellowstone County	30111	U	Propylene Dichloride	6.39E-07	7.95E-07	1.73E-06	2.57E-06	3.23E-06	5.07E-06	6.42E-06	7.85E-06	0.00E+00	3.23E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Yellowstone County	30111	U	Quinoline	3.05E-09	3.76E-09	9.67E-09	2.14E-08	6.06E-08	5.75E-08	1.88E-07	2.42E-07	0.00E+00	6.06E-08	0.00E+00	0.00E+00	0.00E+00
Montana	Yellowstone County	30111	U	1,1,2,2-Tetrachloroethane	3.22E-06	4.01E-06	5.90E-06	7.58E-06	9.41E-06	9.01E-06	1.30E-05	1.49E-05	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00
Montana	Yellowstone County	30111	U	Trichloroethylene	8.15E-02	8.16E-02	8.35E-02	8.80E-02	9.23E-02	9.44E-02	1.09E-01	1.17E-01	2.63E-03	8.67E-03	0.00E+00	0.00E+00	8.10E-02
Montana	Yellowstone County	30111	U	Vinyl Chloride	8.01E-06	9.99E-06	1.50E-05	2.08E-05	2.52E-05	2.68E-05	3.44E-05	3.68E-05	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00