US EPA ARCHIVE DOCUMENT

1999 DRAFT Modeled Ambient Concentrations for Utah: For Review Only

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

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

Please also note:

- The general approach for emission inventory development and modeling is similar to that used for the National-Scale Assessment for 1996
  For a discussion of limitations, please see http://www.epa.gov/ttn/atw/nata1999/natsalim2.htm
- 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.

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Estimated Annual Average Ambient Concentrations µg/m3 for Utah

					Percentile Distribution of Ambient Concentrations Across Census Tracts								Contribution to Average from …				
State	County	FIPS	Urban or Rural	Pollutant	5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Utah	Statewide	N/A	N/A	Acetaldehyde	2.70E-02	6.15E-02	1.45E-01	2.81E-01	3.17E-01	4.48E-01	6.17E-01	7.30E-01	5.92E-03	5.21E-02	1.44E-01	1.15E-01	0.00E+00
Utah	Statewide	N/A	N/A	Acrolein	1.46E-02	1.97E-02	3.96E-02	5.94E-02	6.12E-02	8.07E-02	1.01E-01	1.11E-01	2.02E-04	1.82E-02	3.26E-02	1.01E-02	0.00E+00
Utah	Statewide	N/A	N/A	Acrylonitrile	1.03E-06	1.18E-05	1.16E-04	2.95E-04	9.32E-04	5.60E-04	1.15E-03	2.16E-03	4.56E-04	4.76E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Arsenic Compounds	1.73E-06	6.43E-06	3.88E-05	2.50E-04	3.29E-04	5.72E-04	7.46E-04	8.46E-04	2.27E-04	3.99E-05	3.20E-05	3.05E-05	0.00E+00
Utah	Statewide	N/A	N/A	Benzene	5.23E-01	5.66E-01	8.32E-01	1.07E+00	1.19E+00	1.45E+00	1.87E+00	2.23E+00	4.76E-02	9.70E-02	4.52E-01	1.12E-01	4.80E-01
Utah	Statewide	N/A	N/A	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
Utah	Statewide	N/A	N/A	Beryllium Compounds	8.28E-08	2.45E-07	1.35E-06	2.47E-06	3.48E-06	4.10E-06	7.20E-06	9.93E-06	5.04E-07	2.30E-06	0.00E+00	6.75E-07	0.00E+00
Utah	Statewide	N/A	N/A	1,3-Butadiene	3.99E-03	6.63E-03	2.10E-02	3.88E-02	5.29E-02	6.91E-02	1.17E-01	1.42E-01	9.77E-05	2.85E-03	3.91E-02	1.09E-02	0.00E+00
Utah	Statewide	N/A	N/A	Cadmium Compounds	1.17E-07	4.38E-07	4.04E-06	4.78E-05	5.76E-05	1.04E-04	1.30E-04	1.50E-04	5.18E-05	5.11E-06	0.00E+00	6.73E-07	0.00E+00
Utah	Statewide	N/A	N/A	Carbon Disulfide	4.70E-02	4.70E-02	4.78E-02	4.87E-02	4.96E-02	5.03E-02	5.30E-02	5.47E-02	9.14E-04	1.68E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Statewide	N/A	N/A	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	8.36E-07	3.78E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Statewide	N/A	N/A	Chloroform	8.31E-02	8.35E-02	9.21E-02	1.03E-01	1.03E-01	1.11E-01	1.20E-01	1.26E-01	4.89E-06	2.01E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Statewide	N/A	N/A	Chromium Compounds (includes Hexavalent)	1.32E-06	5.76E-06	6.24E-05	3.03E-04	4.57E-02	6.99E-03	4.18E-02	8.22E-02	4.50E-02	6.14E-04	3.10E-05	1.52E-06	0.00E+00
Utah	Statewide	N/A	N/A	Chromium VI	4.53E-07	1.91E-06	2.02E-05	8.84E-05	9.42E-04	3.26E-04	1.06E-03	2.96E-03	7.25E-04	2.04E-04	1.24E-05	5.17E-07	0.00E+00
Utah	Statewide	N/A	N/A	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-03	0.00E+00	4.06E-02	6.43E-02	9.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,4-Dichlorobenzene	1.79E-04	8.55E-04	1.18E-02	2.89E-02	2.86E-02	4.06E-02	5.21E-02	5.94E-02	4.19E-05	2.85E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,3-Dichloropropene	3.56E-04	1.71E-03	2.34E-02	5.75E-02	5.76E-02	8.21E-02	1.06E-01	1.21E-01	0.00E+00	5.76E-02	0.00E+00	0.00E+00	0.00E+00
Utah	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	2.55E-07	4.13E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Statewide	N/A	N/A	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.11E-02	6.13E-02	5.67E-05	5.53E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Statewide	N/A	N/A	Ethylene Oxide	3.58E-06	1.42E-05	2.33E-04	1.13E-03	1.49E-03	2.02E-03	3.17E-03	3.99E-03	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Formaldehyde	3.23E-01	3.70E-01	4.77E-01	6.68E-01	7.40E-01	9.26E-01	1.22E+00	1.39E+00	1.25E-02	7.96E-02	2.12E-01	1.86E-01	2.50E-01
Utah	Statewide	N/A	N/A	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.32E-05	9.34E-05	0.00E+00	8.11E-08	0.00E+00	0.00E+00	9.30E-05
Utah	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	1.35E-07	0.00E+00	0.00E+00	1.80E-03
Utah	Statewide	N/A	N/A	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-08	0.00E+00	1.39E-07	3.55E-07	0.00E+00	5.27E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Hydrazine	0.00E+00	0.00E+00	4.23E-09	1.58E-08	6.16E-08	5.38E-08	1.36E-07	2.50E-07	0.00E+00	6.16E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Lead Compounds	3.81E-06	3.58E-05	5.56E-04	1.54E-03	1.74E-03	2.42E-03	3.27E-03	3.98E-03	9.79E-04	1.61E-04	0.00E+00	6.02E-04	0.00E+00
Utah	Statewide	N/A	N/A	Manganese Compounds	6.29E-07	4.45E-06	2.72E-04	1.22E-03	1.49E-01	1.87E-02	1.29E-01	2.68E-01	1.48E-01	1.06E-03	1.00E-05	2.58E-06	0.00E+00
Utah	Statewide	N/A	N/A	Mercury Compounds	1.50E-03	1.50E-03	1.53E-03	1.59E-03	1.60E-03	1.65E-03	1.72E-03	1.77E-03	1.10E-05	3.89E-05	2.83E-05	2.58E-05	1.50E-03
Utah	Statewide	N/A	N/A	Methylene Chloride	1.51E-01	1.53E-01	1.96E-01	2.59E-01	2.89E-01	3.38E-01	4.43E-01	5.51E-01	1.13E-02	1.27E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Statewide	N/A	N/A	Nickel Compounds	1.59E-06	1.02E-05	1.61E-04	3.73E-04	2.51E-02	3.90E-03	2.13E-02	4.84E-02	2.44E-02	6.23E-04	2.29E-05	4.09E-06	0.00E+00
Utah	Statewide	N/A	N/A	Perchloroethylene	1.40E-01	1.41E-01	1.54E-01	1.73E-01	1.83E-01	2.02E-01	2.35E-01	2.61E-01	1.16E-03	4.19E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Statewide	N/A	N/A	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.88E-04	3.82E-04	3.99E-04	4.29E-04	6.93E-09	7.80E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Statewide	N/A	N/A	Polycyclic Organic Matter	1.96E-03	4.47E-03	2.20E-02	4.13E-02	4.45E-02	6.04E-02	7.99E-02	9.66E-02	3.87E-03	2.89E-02	9.00E-03	2.70E-03	0.00E+00
Utah	Statewide	N/A	N/A	7-PAH	3.27E-04	4.04E-04	5.46E-04	7.34E-04	9.22E-04	9.98E-04	1.73E-03	2.40E-03	1.38E-06	8.42E-04	5.63E-05	2.27E-05	0.00E+00
Utah	Statewide	N/A	N/A	Propylene Dichloride	3.25E-08	4.78E-07	6.09E-06	1.69E-05	5.58E-05	3.15E-05	6.80E-05	1.30E-04	2.76E-05	2.81E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Quinoline	0.00E+00	0.00E+00	4.66E-08	1.19E-07	2.39E-07	2.33E-07	4.91E-07	9.64E-07	0.00E+00	2.39E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	1,1,2,2-Tetrachloroethane	4.82E-09	7.70E-07	3.79E-05	1.15E-04	4.71E-04	2.31E-04	5.88E-04	1.14E-03	2.53E-04	2.18E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Statewide	N/A	N/A	Trichloroethylene	8.11E-02	8.12E-02	8.68E-02	9.38E-02	1.01E-01	1.04E-01	1.22E-01	1.35E-01	5.01E-04	1.90E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Statewide	N/A	N/A	Vinyl Chloride	2.06E-08	1.91E-06	9.66E-05	2.88E-04	1.17E-03	5.89E-04	1.45E-03	2.86E-03	6.23E-04	5.45E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Acetaldehyde	5.99E-02	9.10E-02	1.72E-01	3.09E-01	3.43E-01	4.63E-01	6.39E-01	7.49E-01	6.65E-03	4.64E-02	1.60E-01	1.30E-01	0.00E+00
Utah	All Urban Counties	N/A	U	Acrolein	2.21E-02	3.03E-02	4.46E-02	6.41E-02	6.62E-02	8.32E-02	1.03E-01	1.15E-01	2.26E-04	1.83E-02	3.63E-02	1.14E-02	0.00E+00
Utah	All Urban Counties	N/A	U	Acrylonitrile	2.61E-05	5.92E-05	2.10E-04	3.25E-04	1.05E-03	5.95E-04	1.25E-03	2.20E-03	5.14E-04	5.34E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Arsenic Compounds	8.68E-06	2.16E-05	5.34E-05	3.52E-04	3.69E-04	6.04E-04	7.55E-04	8.53E-04	2.55E-04	4.49E-05	3.56E-05	3.42E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Benzene	5.89E-01	7.02E-01	9.30E-01	1.13E+00	1.27E+00	1.48E+00	1.92E+00	2.25E+00	5.33E-02	1.03E-01	5.04E-01	1.25E-01	4.80E-01
Utah	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
Utah	All Urban Counties	N/A	U	Beryllium Compounds	3.42E-07	8.14E-07	1.74E-06	2.69E-06	3.71E-06	4.40E-06	7.53E-06	1.01E-05	5.30E-07	2.43E-06	0.00E+00	7.49E-07	0.00E+00
Utah	All Urban Counties	N/A	U	1,3-Butadiene	8.04E-03	1.26E-02	2.63E-02	4.24E-02	5.84E-02	7.58E-02	1.23E-01	1.46E-01	1.10E-04	2.60E-03	4.35E-02	1.22E-02	0.00E+00

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Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	All Urban Counties	N/A	U	Cadmium Compounds	5.46E-07	2.09E-06	7.44E-06	5.90E-05	6.48E-05	1.07E-04	1.33E-04	1.54E-04	5.83E-05	5.73E-06	0.00E+00	7.47E-07	0.00E+00
Utah	All Urban Counties	N/A	U	Carbon Disulfide	4.71E-02	4.73E-02	4.81E-02	4.89E-02	4.99E-02	5.04E-02	5.33E-02	5.50E-02	1.02E-03	1.88E-03	0.00E+00	0.00E+00	4.70E-02
Utah	All Urban Counties	N/A	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	9.42E-07	4.22E-04	0.00E+00	0.00E+00	8.80E-01
Utah	All Urban Counties	N/A	U	Chloroform	8.47E-02	8.75E-02	9.68E-02	1.05E-01	1.05E-01	1.12E-01	1.21E-01	1.26E-01	5.48E-06	2.24E-02	0.00E+00	0.00E+00	8.30E-02
Utah	All Urban Counties	N/A	U	Chromium Compounds (includes Hexavalent)	7.78E-06	3.36E-05	1.48E-04	1.02E-03	5.15E-02	8.61E-03	4.66E-02	1.03E-01	5.07E-02	6.92E-04	3.46E-05	1.70E-06	0.00E+00
Utah	All Urban Counties	N/A	U	Chromium VI	2.79E-06	7.08E-06	4.23E-05	1.14E-04	1.06E-03	3.99E-04	1.14E-03	3.32E-03	8.17E-04	2.30E-04	1.38E-05	5.79E-07	0.00E+00
Utah	All Urban Counties	N/A	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	4.45E-02	6.86E-02	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,4-Dichlorobenzene	2.29E-03	6.69E-03	2.00E-02	3.13E-02	3.20E-02	4.29E-02	5.42E-02	6.14E-02	4.72E-05	3.19E-02	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,3-Dichloropropene	4.41E-03	1.28E-02	4.00E-02	6.27E-02	6.44E-02	8.58E-02	1.10E-01	1.24E-01	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00
Utah	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	2.88E-07	4.65E-07	0.00E+00	0.00E+00	7.70E-03
Utah	All Urban Counties	N/A	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	6.12E-02	6.13E-02	6.38E-05	6.20E-05	0.00E+00	0.00E+00	6.10E-02
Utah	All Urban Counties	N/A	U	Ethylene Oxide	3.18E-05	9.91E-05	5.34E-04	1.38E-03	1.67E-03	2.14E-03	3.31E-03	4.06E-03	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Formaldehyde	3.68E-01	4.30E-01	5.24E-01	7.25E-01	7.85E-01	9.46E-01	1.25E+00	1.40E+00	1.40E-02	7.56E-02	2.36E-01	2.09E-01	2.50E-01
Utah	All Urban Counties	N/A	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.30E-05	9.31E-05	9.34E-05	0.00E+00	7.38E-08	0.00E+00	0.00E+00	9.30E-05
Utah	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	1.51E-07	0.00E+00	0.00E+00	1.80E-03
Utah	All Urban Counties	N/A	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-08	2.00E-08	1.71E-07	3.75E-07	0.00E+00	5.93E-08	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Hydrazine	1.13E-14	1.09E-09	7.49E-09	1.96E-08	6.94E-08	5.79E-08	1.47E-07	2.74E-07	0.00E+00	6.94E-08	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Lead Compounds	1.10E-04	2.87E-04	8.66E-04	1.72E-03	1.94E-03	2.53E-03	3.36E-03	4.07E-03	1.10E-03	1.81E-04	0.00E+00	6.62E-04	0.00E+00
Utah	All Urban Counties	N/A	U	Manganese Compounds	5.65E-06	1.15E-04	5.36E-04	3.14E-03	1.68E-01	2.24E-02	1.48E-01	3.38E-01	1.67E-01	1.19E-03	1.12E-05	2.90E-06	0.00E+00
Utah	All Urban Counties	N/A	U	Mercury Compounds	1.51E-03	1.52E-03	1.55E-03	1.60E-03	1.62E-03	1.66E-03	1.72E-03	1.78E-03	1.24E-05	4.36E-05	3.13E-05	2.90E-05	1.50E-03
Utah	All Urban Counties	N/A	U	Methylene Chloride	1.59E-01	1.72E-01	2.22E-01	2.74E-01	3.06E-01	3.45E-01	4.56E-01	5.76E-01	1.28E-02	1.43E-01	0.00E+00	0.00E+00	1.50E-01
Utah	All Urban Counties	N/A	U	Nickel Compounds	1.52E-05	7.95E-05	2.22E-04	6.30E-04	2.82E-02	5.18E-03	2.48E-02	5.80E-02	2.75E-02	7.01E-04	2.55E-05	4.59E-06	0.00E+00
Utah	All Urban Counties	N/A	U	Perchloroethylene	1.43E-01	1.47E-01	1.62E-01	1.78E-01	1.88E-01	2.08E-01	2.38E-01	2.70E-01	1.31E-03	4.69E-02	0.00E+00	0.00E+00	1.40E-01
Utah	All Urban Counties	N/A	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.87E-04	3.81E-04	3.93E-04	4.19E-04	7.79E-09	6.89E-06	0.00E+00	0.00E+00	3.80E-04
Utah	All Urban Counties	N/A	U	Polycyclic Organic Matter	5.83E-03	1.42E-02	3.03E-02	4.52E-02	4.94E-02	6.35E-02	8.34E-02	9.82E-02	4.35E-03	3.20E-02	1.00E-02	3.02E-03	0.00E+00
Utah	All Urban Counties	N/A	U	7-PAH	3.40E-04	4.25E-04	5.63E-04	7.38E-04	9.35E-04	9.92E-04	1.85E-03	2.44E-03	1.55E-06	8.46E-04	6.27E-05	2.53E-05	0.00E+00
Utah	All Urban Counties	N/A	U	Propylene Dichloride	1.59E-06	3.08E-06	1.19E-05	1.90E-05	6.27E-05	3.72E-05	7.46E-05	1.35E-04	3.11E-05	3.16E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Quinoline	7.73E-14	2.07E-08	8.01E-08	1.33E-07	2.69E-07	2.54E-07	5.49E-07	1.01E-06	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	1,1,2,2-Tetrachloroethane	7.36E-06	1.68E-05	7.23E-05	1.25E-04	5.30E-04	2.56E-04	6.42E-04	1.19E-03	2.85E-04	2.45E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Urban Counties	N/A	U	Trichloroethylene	8.19E-02	8.41E-02	8.91E-02	9.56E-02	1.03E-01	1.06E-01	1.24E-01	1.38E-01	5.64E-04	2.14E-02	0.00E+00	0.00E+00	8.10E-02
Utah	All Urban Counties	N/A	U	Vinyl Chloride	2.14E-05	4.30E-05	1.85E-04	3.13E-04	1.31E-03	6.56E-04	1.59E-03	2.94E-03	7.02E-04	6.12E-04	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Acetaldehyde	9.17E-03	1.36E-02	2.26E-02	7.82E-02	1.16E-01	1.19E-01	3.08E-01	4.41E-01	1.76E-04	9.63E-02	1.47E-02	4.50E-03	0.00E+00
Utah	All Rural Counties	N/A	R	Acrolein	7.10E-03	8.65E-03	1.08E-02	1.91E-02	2.20E-02	3.30E-02	3.99E-02	4.54E-02	1.40E-05	1.80E-02	3.42E-03	6.05E-04	0.00E+00
Utah	All Rural Counties	N/A	R	Acrylonitrile	1.18E-07	2.33E-07	6.08E-07	2.19E-06	1.99E-05	3.18E-05	5.73E-05	7.69E-05	2.36E-06	1.75E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Arsenic Compounds	2.61E-07	3.00E-07	1.36E-06	3.85E-06	1.14E-05	1.65E-05	3.08E-05	5.76E-05	5.82E-06	5.49E-07	4.02E-06	1.06E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Benzene	4.98E-01	5.00E-01	5.10E-01	5.38E-01	5.81E-01	5.98E-01	6.81E-01	8.76E-01	2.82E-03	4.62E-02	4.59E-02	6.44E-03	4.80E-01
Utah	All Rural Counties	N/A	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
Utah	All Rural Counties	N/A	R	Beryllium Compounds	3.88E-09	5.09E-09	2.38E-08	1.91E-07	1.71E-06	7.54E-07	1.59E-06	3.09E-06	3.00E-07	1.32E-06	0.00E+00	8.90E-08	0.00E+00
Utah	All Rural Counties	N/A	R	1,3-Butadiene	1.72E-03	2.24E-03	3.44E-03	5.37E-03	9.45E-03	1.14E-02	2.24E-02	3.34E-02	1.91E-06	4.78E-03	4.17E-03	4.91E-04	0.00E+00
Utah	All Rural Counties	N/A	R	Cadmium Compounds	1.00E-08	1.37E-08	8.97E-08	3.50E-07	1.20E-06	1.63E-06	3.97E-06	5.03E-06	8.46E-07	2.61E-07	0.00E+00	8.87E-08	0.00E+00
Utah	All Rural Counties	N/A	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.75E-02	4.76E-02	5.00E-05	8.15E-05	0.00E+00	0.00E+00	4.70E-02
Utah	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	4.31E-09	2.60E-05	0.00E+00	0.00E+00	8.80E-01
Utah	All Rural Counties	N/A	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.33E-02	8.46E-02	8.41E-02	8.68E-02	9.64E-02	2.39E-07	1.59E-03	0.00E+00	0.00E+00	8.30E-02
Utah	All Rural Counties	N/A	R	Chromium Compounds (includes Hexavalent)	1.54E-07	2.04E-07	7.67E-07	3.26E-06	1.94E-04	1.62E-05	3.39E-05	2.02E-04	1.88E-04	3.20E-06	2.89E-06	9.20E-08	0.00E+00
Utah	All Rural Counties	N/A	R	Chromium VI	6.08E-08	8.07E-08	3.06E-07	9.83E-07	6.57E-06	4.02E-06	1.28E-05	2.23E-05	4.24E-06	1.14E-06	1.15E-06	3.13E-08	0.00E+00
Utah	All Rural Counties	N/A	R	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	3.28E-03	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,4-Dichlorobenzene	2.71E-05	4.57E-05	1.35E-04	4.34E-04	1.85E-03	2.06E-03	5.93E-03	1.06E-02	2.16E-07	1.85E-03	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,3-Dichloropropene	5.36E-05	9.13E-05	2.67E-04	8.70E-04	3.70E-03	4.03E-03	1.17E-02	2.17E-02	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00
Utah	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	2.62E-09	8.27E-09	0.00E+00	0.00E+00	7.70E-03
Utah	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	9.10E-07	1.86E-06	0.00E+00	0.00E+00	6.10E-02
Utah	All Rural Counties	N/A	R	Ethylene Oxide	9.34E-08	1.49E-07	1.59E-06	5.79E-06	4.97E-05	3.04E-05	1.87E-04	2.88E-04	0.00E+00	4.97E-05	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Formaldehyde	2.80E-01	2.88E-01	3.13E-01	3.83E-01	3.91E-01	4.36E-01	4.95E-01	5.80E-01	2.32E-04	1.11E-01	2.26E-02	7.51E-03	2.50E-01
Utah	All Rural Counties	N/A	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.34E-05	9.37E-05	0.00E+00	1.38E-07	0.00E+00	0.00E+00	9.30E-05
Utah	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	1.14E-08	0.00E+00	0.00E+00	1.80E-03
Utah	All Rural Counties	N/A	R	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-11	5.41E-12	2.48E-10	6.43E-10	0.00E+00	8.96E-11	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Lead Compounds	1.82E-07	1.03E-06	3.32E-06	1.28E-05	1.48E-04	6.91E-05	1.80E-04	1.28E-03	1.02E-05	6.26E-06	0.00E+00	1.31E-04	0.00E+00
Utah	All Rural Counties	N/A	R	Manganese Compounds	8.46E-08	1.37E-07	3.76E-07	3.55E-06	6.02E-04	3.42E-05	9.81E-05	3.20E-04	5.92E-04	9.17E-06	9.19E-07	1.01E-07	0.00E+00
Utah	All Rural Counties	N/A	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	3.08E-07	1.23E-06	4.32E-06	9.75E-07	1.50E-03
Utah	All Rural Counties	N/A	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.52E-01	1.57E-01	1.60E-01	1.74E-01	1.82E-01	1.53E-04	7.05E-03	0.00E+00	0.00E+00	1.50E-01
Utah	All Rural Counties	N/A	R	Nickel Compounds	2.70E-07	3.41E-07	1.03E-06	3.35E-06	1.09E-04	2.03E-05	5.56E-05	1.63E-04	9.91E-05	7.13E-06	2.16E-06	1.65E-07	0.00E+00
Utah	All Rural Counties	N/A	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.46E-01	1.52E-01	1.07E-05	2.46E-03	0.00E+00	0.00E+00	1.40E-01
Utah	All Rural Counties	N/A	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.83E-04	3.95E-04	3.88E-04	4.19E-04	4.68E-04	1.74E-10	1.49E-05	0.00E+00	0.00E+00	3.80E-04
Utah	All Rural Counties	N/A	R	Polycyclic Organic Matter	9.04E-04	1.01E-03	1.60E-03	3.29E-03	5.61E-03	6.80E-03	1.29E-02	2.18E-02	7.53E-05	4.47E-03	8.95E-04	1.76E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	All Rural Counties	N/A	R	7-PAH	2.62E-04	3.15E-04	3.94E-04	6.60E-04	8.19E-04	1.26E-03	1.64E-03	1.82E-03	5.76E-08	8.11E-04	6.21E-06	1.76E-06	0.00E+00
Utah	All Rural Counties	N/A	R	Propylene Dichloride	4.84E-09	6.92E-09	1.96E-08	7.36E-08	1.03E-06	1.57E-06	2.89E-06	3.57E-06	1.43E-07	8.84E-07	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-09	2.14E-10	6.25E-09	1.67E-08	0.00E+00	2.35E-09	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	1,1,2,2-Tetrachloroethane	5.48E-10	1.08E-09	2.64E-09	1.15E-08	7.49E-06	9.92E-06	2.08E-05	3.19E-05	1.31E-06	6.19E-06	0.00E+00	0.00E+00	0.00E+00
Utah	All Rural Counties	N/A	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.17E-02	8.17E-02	8.38E-02	8.48E-02	2.50E-06	7.22E-04	0.00E+00	0.00E+00	8.10E-02
Utah	All Rural Counties	N/A	R	Vinyl Chloride	2.80E-09	4.45E-09	1.45E-08	5.25E-08	1.86E-05	2.47E-05	5.21E-05	7.87E-05	3.22E-06	1.53E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	R	Acetaldehyde	7.56E-03	7.56E-03	7.56E-03	1.53E-02	1.53E-02	2.30E-02	2.30E-02	2.30E-02	0.00E+00	8.94E-03	5.04E-03	1.29E-03	0.00E+00
Utah	Beaver County	49001	R	Acrolein	9.14E-03	9.14E-03	9.14E-03	1.41E-02	1.41E-02	1.90E-02	1.90E-02	1.90E-02	0.00E+00	1.31E-02	8.90E-04	9.45E-05	0.00E+00
Utah	Beaver County	49001	R	Acrylonitrile	3.63E-07	3.63E-07	3.63E-07	6.19E-07	6.19E-07	8.75E-07	8.75E-07	8.75E-07	0.00E+00	6.19E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	R	Arsenic Compounds	2.61E-07	2.61E-07	2.61E-07	1.75E-06	1.75E-06	3.24E-06	3.24E-06	3.24E-06	0.00E+00	4.35E-08	1.48E-06	2.29E-07	0.00E+00
Utah	Beaver County	49001	R	Benzene	4.98E-01	4.98E-01	4.98E-01	5.16E-01	5.16E-01	5.34E-01	5.34E-01	5.34E-01	0.00E+00	2.48E-02	1.06E-02	5.55E-04	4.80E-01
Utah	Beaver County	49001	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
Utah	Beaver County	49001	R	Beryllium Compounds	1.85E-07	1.85E-07	1.85E-07	1.86E-07	1.86E-07	1.88E-07	1.88E-07	1.88E-07	0.00E+00	1.06E-08	0.00E+00	1.76E-07	0.00E+00
Utah	Beaver County	49001	R	1,3-Butadiene	2.64E-03	2.64E-03	2.64E-03	5.30E-03	5.30E-03	7.96E-03	7.96E-03	7.96E-03	0.00E+00	4.26E-03	9.77E-04	5.81E-05	0.00E+00
Utah	Beaver County	49001	R	Cadmium Compounds	1.90E-07	1.90E-07	1.90E-07	1.96E-07	1.96E-07	2.03E-07	2.03E-07	2.03E-07	0.00E+00	2.13E-08	0.00E+00	1.75E-07	0.00E+00
Utah	Beaver County	49001	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	6.94E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Beaver County	49001	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	2.86E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Beaver County	49001	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.33E-02	8.33E-02	8.34E-02	8.34E-02	8.34E-02	0.00E+00	2.53E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Beaver County	49001	R	Chromium Compounds (includes Hexavalent)	1.54E-07	1.54E-07	1.54E-07	8.14E-07	8.14E-07	1.47E-06	1.47E-06	1.47E-06	0.00E+00	3.03E-08	7.34E-07	4.91E-08	0.00E+00
Utah	Beaver County	49001	R	Chromium VI	6.08E-08	6.08E-08	6.08E-08	3.21E-07	3.21E-07	5.81E-07	5.81E-07	5.81E-07	0.00E+00	1.41E-08	2.90E-07	1.67E-08	0.00E+00
Utah	Beaver County	49001	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
Utah	Beaver County	49001	R	1,4-Dichlorobenzene	1.03E-04	1.03E-04	1.03E-04	1.68E-04	1.68E-04	2.33E-04	2.33E-04	2.33E-04	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	R	1,3-Dichloropropene	1.99E-04	1.99E-04	1.99E-04	3.35E-04	3.35E-04	4.71E-04	4.71E-04	4.71E-04	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	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
Utah	Beaver County	49001	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	4.18E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Beaver County	49001	R	Ethylene Oxide	6.79E-07	6.79E-07	6.79E-07	6.21E-06	6.21E-06	1.17E-05	1.17E-05	1.17E-05	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	R	Formaldehyde	2.88E-01	2.88E-01	2.88E-01	3.13E-01	3.13E-01	3.38E-01	3.38E-01	3.38E-01	0.00E+00	5.41E-02	6.77E-03	1.96E-03	2.50E-01
Utah	Beaver County	49001	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	2.19E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Beaver County	49001	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	1.11E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Beaver County	49001	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
Utah	Beaver County	49001	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
Utah	Beaver County	49001	R	Lead Compounds	1.76E-05	1.76E-05	1.76E-05	2.08E-05	2.08E-05	2.40E-05	2.40E-05	2.40E-05	0.00E+00	1.51E-07	0.00E+00	2.06E-05	0.00E+00
Utah	Beaver County	49001	R	Manganese Compounds	1.03E-07	1.03E-07	1.03E-07	3.66E-07	3.66E-07	6.29E-07	6.29E-07	6.29E-07	0.00E+00	8.71E-08	2.46E-07	3.23E-08	0.00E+00
Utah	Beaver County	49001	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	2.47E-08	1.85E-06	4.10E-07	1.50E-03
Utah	Beaver County	49001	R	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	0.00E+00	6.28E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Beaver County	49001	R	Nickel Compounds	5.70E-07	5.70E-07	5.70E-07	1.11E-06	1.11E-06	1.66E-06	1.66E-06	1.66E-06	0.00E+00	4.90E-07	5.57E-07	6.77E-08	0.00E+00
Utah	Beaver County	49001	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	1.11E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Beaver County	49001	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	1.73E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Beaver County	49001	R	Polycyclic Organic Matter	1.01E-03	1.01E-03	1.01E-03	1.75E-03	1.75E-03	2.50E-03	2.50E-03	2.50E-03	0.00E+00	1.45E-03	2.54E-04	4.79E-05	0.00E+00
Utah	Beaver County	49001	R	7-PAH	3.50E-04	3.50E-04	3.50E-04	5.37E-04	5.37E-04	7.24E-04	7.24E-04	7.24E-04	0.00E+00	5.35E-04	2.14E-06	4.81E-07	0.00E+00
Utah	Beaver County	49001	R	Propylene Dichloride	1.08E-08	1.08E-08	1.08E-08	1.84E-08	1.84E-08	2.61E-08	2.61E-08	2.61E-08	0.00E+00	1.84E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	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
Utah	Beaver County	49001	R	1,1,2,2-Tetrachloroethane	1.69E-09	1.69E-09	1.69E-09	2.89E-09	2.89E-09	4.08E-09	4.08E-09	4.08E-09	0.00E+00	2.89E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Beaver County	49001	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	4.59E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Beaver County	49001	R	Vinyl Chloride	6.25E-09	6.25E-09	6.25E-09	1.07E-08	1.07E-08	1.51E-08	1.51E-08	1.51E-08	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Acetaldehyde	4.37E-02	8.34E-02	1.72E-01	2.01E-01	2.02E-01	2.66E-01	3.13E-01	3.42E-01	2.42E-06	4.89E-02	9.33E-02	6.01E-02	0.00E+00
Utah	Box Elder County	49003	U	Acrolein	2.47E-02	3.67E-02	7.15E-02	7.68E-02	7.42E-02	8.74E-02	9.80E-02	1.06E-01	6.45E-07	4.65E-02	2.36E-02	4.02E-03	0.00E+00
Utah	Box Elder County	49003	U	Acrylonitrile	4.10E-05	5.61E-05	1.72E-04	3.62E-04	3.92E-04	4.54E-04	8.75E-04	1.26E-03	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Arsenic Compounds	5.41E-06	9.53E-06	2.11E-05	3.53E-05	3.60E-05	4.89E-05	6.13E-05	6.87E-05	8.98E-07	6.31E-06	1.98E-05	9.02E-06	0.00E+00
Utah	Box Elder County	49003	U	Benzene	5.77E-01	6.40E-01	8.15E-01	9.03E-01	8.92E-01	9.44E-01	1.12E+00	1.22E+00	3.36E-06	1.23E-01	2.35E-01	5.40E-02	4.80E-01
Utah	Box Elder County	49003	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
Utah	Box Elder County	49003	U	Beryllium Compounds	9.49E-08	3.64E-07	7.30E-07	1.60E-06	1.51E-06	2.22E-06	2.53E-06	2.73E-06	4.73E-08	1.02E-06	0.00E+00	4.52E-07	0.00E+00
Utah	Box Elder County	49003	U	1,3-Butadiene	5.69E-03	7.96E-03	2.23E-02	2.87E-02	3.10E-02	3.77E-02	6.13E-02	8.20E-02	0.00E+00	1.28E-02	1.53E-02	2.92E-03	0.00E+00
Utah	Box Elder County	49003	U	Cadmium Compounds	4.12E-07	7.86E-07	1.41E-06	6.85E-06	5.43E-06	8.02E-06	9.00E-06	9.28E-06	1.83E-06	3.16E-06	0.00E+00	4.49E-07	0.00E+00
Utah	Box Elder County	49003	U	Carbon Disulfide	4.70E-02	4.72E-02	4.74E-02	4.78E-02	4.80E-02	4.82E-02	4.91E-02	4.94E-02	3.36E-07	9.56E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Box Elder County	49003	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	2.21E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Box Elder County	49003	U	Chloroform	8.35E-02	8.60E-02	9.03E-02	9.76E-02	1.00E-01	1.10E-01	1.18E-01	1.24E-01	0.00E+00	1.71E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Box Elder County	49003	U	Chromium Compounds (includes Hexavalent)	2.50E-05	3.21E-05	4.80E-05	3.28E-02	2.30E-02	3.73E-02	4.56E-02	4.93E-02	2.29E-02	4.45E-05	1.45E-05	5.95E-07	0.00E+00
Utah	Box Elder County	49003	U	Chromium VI	2.70E-06	4.09E-06	6.05E-06	5.41E-04	3.81E-04	6.14E-04	7.47E-04	8.08E-04	3.68E-04	6.39E-06	5.81E-06	2.02E-07	0.00E+00
Utah	Box Elder County	49003	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
Utah	Box Elder County	49003	U	1,4-Dichlorobenzene	2.98E-04	1.98E-03	4.83E-03	1.16E-02	1.33E-02	2.07E-02	2.80E-02	3.29E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	1,3-Dichloropropene	5.57E-04	3.74E-03	9.43E-03	2.28E-02	2.64E-02	4.14E-02	5.63E-02	6.61E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	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	2.68E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Box Elder County	49003	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	1.04E-07	4.38E-05	0.00E+00	0.00E+00	6.10E-02

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

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
Utah	Box Elder County	49003	U	Ethylene Oxide	2.46E-06	2.54E-05	5.24E-05	1.30E-04	2.33E-04	2.86E-04	6.94E-04	8.13E-04	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Formaldehyde	3.51E-01	4.09E-01	6.23E-01	6.59E-01	6.45E-01	6.76E-01	8.54E-01	9.41E-01	1.16E-05	1.93E-01	1.30E-01	7.19E-02	2.50E-01
Utah	Box Elder County	49003	U	Hexachlorobenzene	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.38E-05	9.41E-05	9.43E-05	0.00E+00	4.35E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Box Elder County	49003	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	9.97E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Box Elder County	49003	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	3.33E-07	2.68E-07	3.97E-07	5.40E-07	6.41E-07	0.00E+00	2.68E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Hydrazine	2.17E-10	7.87E-10	2.72E-09	1.31E-08	2.76E-08	2.88E-08	9.52E-08	1.09E-07	0.00E+00	2.76E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Lead Compounds	1.31E-04	1.95E-04	4.43E-04	8.18E-04	7.11E-04	9.87E-04	1.12E-03	1.13E-03	2.59E-05	2.08E-04	0.00E+00	4.77E-04	0.00E+00
Utah	Box Elder County	49003	U	Manganese Compounds	3.40E-04	3.52E-04	4.74E-04	1.11E-01	7.71E-02	1.32E-01	1.48E-01	1.59E-01	7.35E-02	3.63E-03	4.50E-06	8.10E-07	0.00E+00
Utah	Box Elder County	49003	U	Mercury Compounds	1.50E-03	1.51E-03	1.52E-03	1.55E-03	1.55E-03	1.57E-03	1.58E-03	1.58E-03	1.06E-05	8.69E-06	2.13E-05	8.06E-06	1.50E-03
Utah	Box Elder County	49003	U	Methylene Chloride	1.52E-01	1.59E-01	1.69E-01	2.18E-01	2.19E-01	2.48E-01	2.91E-01	3.18E-01	1.14E-02	5.80E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Box Elder County	49003	U	Nickel Compounds	1.30E-04	1.71E-04	3.04E-04	1.65E-02	1.17E-02	1.88E-02	2.29E-02	2.49E-02	1.14E-02	2.59E-04	1.07E-05	1.28E-06	0.00E+00
Utah	Box Elder County	49003	U	Perchloroethylene	1.40E-01	1.42E-01	1.45E-01	1.51E-01	1.51E-01	1.54E-01	1.59E-01	1.62E-01	1.06E-07	1.07E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Box Elder County	49003	U	Polychlorinated Biphenyls	3.82E-04	3.84E-04	3.87E-04	4.01E-04	4.25E-04	4.71E-04	5.13E-04	5.41E-04	0.00E+00	4.53E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Box Elder County	49003	U	Polycyclic Organic Matter	2.69E-03	5.85E-03	1.43E-02	2.08E-02	2.08E-02	2.82E-02	3.34E-02	3.82E-02	4.66E-08	1.55E-02	4.60E-03	7.54E-04	0.00E+00
Utah	Box Elder County	49003	U	7-PAH	6.76E-04	9.22E-04	1.73E-03	2.10E-03	2.05E-03	2.67E-03	2.89E-03	2.94E-03	9.54E-10	2.00E-03	3.21E-05	1.31E-05	0.00E+00
Utah	Box Elder County	49003	U	Propylene Dichloride	2.47E-06	3.36E-06	9.78E-06	2.07E-05	2.27E-05	2.54E-05	5.15E-05	7.40E-05	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Quinoline	3.38E-09	1.38E-08	3.79E-08	6.79E-08	1.01E-07	1.23E-07	2.76E-07	3.13E-07	0.00E+00	1.01E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	1,1,2,2-Tetrachloroethane	2.20E-05	2.59E-05	8.06E-05	1.61E-04	1.84E-04	1.73E-04	4.52E-04	6.52E-04	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Box Elder County	49003	U	Trichloroethylene	8.12E-02	8.33E-02	8.71E-02	9.55E-02	9.57E-02	1.03E-01	1.09E-01	1.13E-01	0.00E+00	1.47E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Box Elder County	49003	U	Vinyl Chloride	5.42E-05	6.50E-05	2.00E-04	4.04E-04	4.59E-04	4.35E-04	1.12E-03	1.61E-03	0.00E+00	4.59E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Acetaldehyde	6.63E-02	1.04E-01	1.18E-01	1.50E-01	1.70E-01	2.32E-01	2.90E-01	2.92E-01	0.00E+00	4.66E-02	9.60E-02	2.73E-02	0.00E+00
Utah	Cache County	49005	U	Acrolein	4.08E-02	4.66E-02	6.60E-02	8.67E-02	8.22E-02	9.62E-02	1.06E-01	1.08E-01	0.00E+00	5.81E-02	2.19E-02	2.22E-03	0.00E+00
Utah	Cache County	49005	U	Acrylonitrile	2.22E-05	2.39E-05	5.32E-05	9.76E-05	1.19E-04	1.63E-04	2.55E-04	2.81E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Arsenic Compounds	8.80E-06	1.14E-05	2.11E-05	3.27E-05	3.63E-05	5.11E-05	7.52E-05	7.67E-05	0.00E+00	7.62E-06	2.05E-05	8.18E-06	0.00E+00
Utah	Cache County	49005	U	Benzene	6.65E-01	6.73E-01	7.85E-01	9.60E-01	1.02E+00	1.19E+00	1.54E+00	1.66E+00	0.00E+00	1.58E-01	3.53E-01	2.97E-02	4.80E-01
Utah	Cache County	49005	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
Utah	Cache County	49005	U	Beryllium Compounds	6.12E-07	6.95E-07	1.03E-06	1.81E-06	2.09E-06	3.32E-06	3.99E-06	4.63E-06	0.00E+00	1.77E-06	0.00E+00	3.20E-07	0.00E+00
Utah	Cache County	49005	U	1,3-Butadiene	6.41E-03	8.09E-03	1.83E-02	3.89E-02	4.37E-02	5.76E-02	1.04E-01	1.12E-01	0.00E+00	5.39E-03	3.58E-02	2.55E-03	0.00E+00
Utah	Cache County	49005	U	Cadmium Compounds	1.41E-06	2.08E-06	2.86E-06	4.02E-06	4.85E-06	7.20E-06	8.67E-06	8.67E-06	0.00E+00	4.53E-06	0.00E+00	3.19E-07	0.00E+00
Utah	Cache County	49005	U	Carbon Disulfide	4.72E-02	4.73E-02	4.74E-02	4.78E-02	4.81E-02	4.84E-02	5.04E-02	5.05E-02	0.00E+00	1.13E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Cache County	49005	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	2.47E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Cache County	49005	U	Chloroform	8.58E-02	8.78E-02	9.14E-02	1.04E-01	1.12E-01	1.17E-01	1.56E-01	1.60E-01	0.00E+00	2.86E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Cache County	49005	U	Chromium Compounds (includes Hexavalent)	2.47E-05	2.55E-05	3.08E-05	3.60E-05	3.88E-05	4.55E-05	6.42E-05	6.45E-05	8.63E-08	2.01E-05	1.82E-05	3.91E-07	0.00E+00
Utah	Cache County	49005	U	Chromium VI	3.90E-06	4.62E-06	6.35E-06	1.01E-05	1.12E-05	1.47E-05	2.31E-05	2.34E-05	2.93E-08	3.87E-06	7.21E-06	1.33E-07	0.00E+00
Utah	Cache County	49005	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
Utah	Cache County	49005	U	1,4-Dichlorobenzene	2.08E-03	3.84E-03	5.67E-03	1.50E-02	2.01E-02	2.57E-02	5.09E-02	5.52E-02	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	1,3-Dichloropropene	3.58E-03	6.80E-03	1.09E-02	3.00E-02	4.05E-02	5.19E-02	1.03E-01	1.12E-01	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	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	1.34E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Cache County	49005	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	1.07E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Cache County	49005	U	Ethylene Oxide	5.41E-05	6.19E-05	8.52E-05	2.23E-04	3.14E-04	3.41E-04	5.45E-04	1.02E-03	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Formaldehyde	4.13E-01	4.47E-01	5.65E-01	6.39E-01	6.53E-01	7.48E-01	9.12E-01	9.16E-01	0.00E+00	1.92E-01	1.64E-01	4.64E-02	2.50E-01
Utah	Cache County	49005	U	Hexachlorobenzene	9.31E-05	9.31E-05	9.31E-05	9.33E-05	9.35E-05	9.37E-05	9.41E-05	9.43E-05	0.00E+00	4.93E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Cache County	49005	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
Utah	Cache County	49005	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-08	0.00E+00	5.76E-08	8.47E-08	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Hydrazine	6.48E-10	9.92E-10	1.99E-09	1.74E-08	3.95E-08	3.68E-08	1.38E-07	1.80E-07	0.00E+00	3.95E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Lead Compounds	1.54E-04	1.70E-04	2.85E-04	4.43E-04	6.90E-04	7.24E-04	9.72E-04	1.06E-03	6.13E-08	1.65E-04	0.00E+00	5.24E-04	0.00E+00
Utah	Cache County	49005	U	Manganese Compounds	2.34E-04	2.45E-04	2.48E-04	2.61E-04	2.66E-04	2.78E-04	3.20E-04	3.23E-04	0.00E+00	2.59E-04	5.92E-06	6.91E-07	0.00E+00
Utah	Cache County	49005	U	Mercury Compounds	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.53E-03	1.55E-03	1.57E-03	1.57E-03	0.00E+00	7.57E-06	1.96E-05	7.15E-06	1.50E-03
Utah	Cache County	49005	U	Methylene Chloride	1.59E-01	1.60E-01	1.74E-01	2.00E-01	2.25E-01	2.58E-01	3.40E-01	3.63E-01	2.97E-04	7.47E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Cache County	49005	U	Nickel Compounds	1.01E-04	1.27E-04	1.77E-04	2.48E-04	2.85E-04	3.86E-04	5.37E-04	5.72E-04	0.00E+00	2.70E-04	1.36E-05	1.09E-06	0.00E+00
Utah	Cache County	49005	U	Perchloroethylene	1.46E-01	1.47E-01	1.50E-01	1.57E-01	1.58E-01	1.62E-01	1.72E-01	1.76E-01	0.00E+00	1.79E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Cache County	49005	U	Polychlorinated Biphenyls	3.86E-04	3.86E-04	3.89E-04	4.13E-04	4.35E-04	4.65E-04	5.09E-04	5.34E-04	0.00E+00	5.53E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Cache County	49005	U	Polycyclic Organic Matter	1.07E-02	1.16E-02	1.47E-02	2.86E-02	3.39E-02	5.08E-02	7.30E-02	7.87E-02	0.00E+00	2.75E-02	5.72E-03	6.85E-04	0.00E+00
Utah	Cache County	49005	U	7-PAH	1.22E-03	1.24E-03	1.91E-03	2.49E-03	2.54E-03	3.00E-03	3.81E-03	4.09E-03	0.00E+00	2.50E-03	3.56E-05	6.00E-06	0.00E+00
Utah	Cache County	49005	U	Propylene Dichloride	1.59E-06	1.59E-06	2.88E-06	4.35E-06	6.08E-06	8.99E-06	1.33E-05	1.38E-05	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Quinoline	1.63E-08	2.22E-08	3.26E-08	7.76E-08	1.32E-07	1.33E-07	3.84E-07	4.91E-07	0.00E+00	1.32E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	1,1,2,2-Tetrachloroethane	5.56E-06	6.23E-06	1.00E-05	1.63E-05	2.75E-05	3.14E-05	7.13E-05	8.32E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Cache County	49005	U	Trichloroethylene	8.47E-02	8.81E-02	9.22E-02	9.85E-02	9.87E-02	1.02E-01	1.10E-01	1.16E-01	0.00E+00	1.77E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Cache County	49005	U	Vinyl Chloride	1.93E-05	2.03E-05	2.82E-05	4.39E-05	7.32E-05	9.33E-05	1.78E-04	2.12E-04	0.00E+00	7.32E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Acetaldehyde	1.31E-02	1.31E-02	1.65E-02	9.59E-02	9.32E-02	1.54E-01	1.84E-01	1.84E-01	1.58E-04	5.79E-02	3.18E-02	3.36E-03	0.00E+00
Utah	Carbon County	49007	R	Acrolein	9.88E-03	9.88E-03	1.06E-02	1.67E-02	2.01E-02	2.81E-02	3.87E-02	3.87E-02	8.66E-06	1.37E-02	6.04E-03	3.67E-04	0.00E+00
Utah	Carbon County	49007	R	Acrylonitrile	2.88E-07	2.88E-07	1.11E-05	3.44E-05	6.29E-05	7.69E-05	2.20E-04	2.20E-04	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Arsenic Compounds	2.81E-07	2.81E-07	4.25E-06	2.32E-05	2.56E-05	4.51E-05	5.76E-05	5.76E-05	1.31E-05	1.17E-06	1.02E-05	1.08E-06	0.00E+00
Utah	Carbon County	49007	R	Benzene	5.00E-01	5.00E-01	5.09E-01	5.75E-01	6.75E-01	8.07E-01	1.08E+00	1.08E+00	4.42E-05	5.79E-02	1.31E-01	6.23E-03	4.80E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Carbon County	49007	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
Utah	Carbon County	49007	R	Beryllium Compounds	4.25E-09	4.25E-09	2.45E-07	1.17E-06	1.14E-06	2.11E-06	2.16E-06	2.16E-06	6.76E-07	3.00E-07	0.00E+00	1.66E-07	0.00E+00
Utah	Carbon County	49007	R	1,3-Butadiene	2.47E-03	2.47E-03	3.81E-03	9.98E-03	2.06E-02	3.26E-02	6.48E-02	6.48E-02	0.00E+00	4.42E-03	1.55E-02	7.22E-04	0.00E+00
Utah	Carbon County	49007	R	Cadmium Compounds	7.27E-09	7.27E-09	5.33E-07	2.68E-06	2.42E-06	3.97E-06	4.66E-06	4.66E-06	1.65E-06	6.04E-07	0.00E+00	1.66E-07	0.00E+00
Utah	Carbon County	49007	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.73E-02	4.76E-02	4.76E-02	4.42E-06	1.76E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Carbon County	49007	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	5.68E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Carbon County	49007	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.37E-02	8.50E-02	8.63E-02	9.02E-02	9.02E-02	0.00E+00	2.01E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Carbon County	49007	R	Chromium Compounds (includes Hexavalent)	1.23E-07	1.23E-07	6.80E-06	1.56E-05	1.80E-05	2.99E-05	3.98E-05	3.98E-05	9.23E-06	7.84E-07	7.83E-06	1.21E-07	0.00E+00
Utah	Carbon County	49007	R	Chromium VI	4.84E-08	4.84E-08	1.19E-06	2.79E-06	4.67E-06	7.61E-06	1.36E-05	1.36E-05	1.07E-06	4.03E-07	3.15E-06	4.13E-08	0.00E+00
Utah	Carbon County	49007	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
Utah	Carbon County	49007	R	1,4-Dichlorobenzene	2.26E-05	2.26E-05	2.31E-04	1.41E-03	4.23E-03	6.93E-03	1.54E-02	1.54E-02	0.00E+00	4.23E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	1,3-Dichloropropene	4.42E-05	4.42E-05	4.23E-04	2.86E-03	8.62E-03	1.41E-02	3.14E-02	3.14E-02	0.00E+00	8.62E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	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	2.67E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Carbon County	49007	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	1.36E-06	6.51E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Carbon County	49007	R	Ethylene Oxide	1.62E-06	1.62E-06	3.34E-06	1.24E-05	4.80E-05	7.14E-05	1.87E-04	1.87E-04	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Formaldehyde	2.91E-01	2.91E-01	2.98E-01	3.64E-01	3.92E-01	4.64E-01	5.71E-01	5.71E-01	1.16E-05	7.75E-02	5.88E-02	5.97E-03	2.50E-01
Utah	Carbon County	49007	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.35E-05	9.43E-05	9.43E-05	0.00E+00	3.34E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Carbon County	49007	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	2.72E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Carbon County	49007	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
Utah	Carbon County	49007	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-13	0.00E+00	1.88E-12	1.88E-12	0.00E+00	3.13E-13	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Lead Compounds	1.82E-07	1.82E-07	4.19E-06	1.11E-04	3.56E-04	6.25E-04	1.28E-03	1.28E-03	1.36E-05	1.16E-05	0.00E+00	3.30E-04	0.00E+00
Utah	Carbon County	49007	R	Manganese Compounds	7.88E-08	7.88E-08	3.23E-05	4.62E-05	6.32E-05	5.34E-05	2.01E-04	2.01E-04	5.73E-05	3.15E-06	2.57E-06	1.11E-07	0.00E+00
Utah	Carbon County	49007	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.54E-03	1.54E-03	1.34E-10	1.16E-06	1.06E-05	1.04E-06	1.50E-03
Utah	Carbon County	49007	R	Methylene Chloride	1.50E-01	1.50E-01	1.52E-01	1.55E-01	1.67E-01	1.81E-01	2.08E-01	2.08E-01	9.55E-06	1.68E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Carbon County	49007	R	Nickel Compounds	2.94E-07	2.94E-07	3.34E-06	1.85E-05	3.02E-05	5.56E-05	8.50E-05	8.50E-05	8.94E-06	1.52E-05	5.93E-06	1.99E-07	0.00E+00
Utah	Carbon County	49007	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.44E-01	1.46E-01	1.52E-01	1.52E-01	1.42E-06	4.22E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Carbon County	49007	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.81E-04	3.87E-04	4.17E-04	4.43E-04	5.23E-04	5.23E-04	0.00E+00	3.67E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Carbon County	49007	R	Polycyclic Organic Matter	9.04E-04	9.04E-04	1.53E-03	5.92E-03	1.09E-02	2.18E-02	2.92E-02	2.92E-02	6.31E-07	8.14E-03	2.40E-03	3.35E-04	0.00E+00
Utah	Carbon County	49007	R	7-PAH	3.47E-04	3.47E-04	3.84E-04	6.86E-04	9.11E-04	1.64E-03	1.73E-03	1.73E-03	1.29E-08	8.93E-04	1.55E-05	2.27E-06	0.00E+00
Utah	Carbon County	49007	R	Propylene Dichloride	8.98E-09	8.98E-09	6.25E-07	1.60E-06	3.34E-06	2.89E-06	1.33E-05	1.33E-05	0.00E+00	3.34E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-12	0.00E+00	4.96E-11	4.96E-11	0.00E+00	8.27E-12	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	1,1,2,2-Tetrachloroethane	1.34E-09	1.34E-09	5.33E-06	9.92E-06	2.65E-05	1.22E-05	1.22E-04	1.22E-04	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Carbon County	49007	R	Trichloroethylene	8.10E-02	8.10E-02	8.11E-02	8.14E-02	8.26E-02	8.35E-02	8.69E-02	8.69E-02	0.00E+00	1.57E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Carbon County	49007	R	Vinyl Chloride	6.48E-09	6.48E-09	1.31E-05	2.47E-05	6.54E-05	3.00E-05	3.00E-04	3.00E-04	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	Acetaldehyde	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	0.00E+00	2.70E-02	1.01E-03	5.92E-04	0.00E+00
Utah	Daggett County	49009	R	Acrolein	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	9.90E-03	0.00E+00	9.47E-03	2.73E-04	1.55E-04	0.00E+00
Utah	Daggett County	49009	R	Acrylonitrile	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	1.80E-07	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	Arsenic Compounds	3.00E-07	3.00E-07	3.00E-07	3.00E-07	3.00E-07	3.00E-07	3.00E-07	3.00E-07	0.00E+00	1.13E-08	2.07E-07	8.17E-08	0.00E+00
Utah	Daggett County	49009	R	Benzene	5.04E-01	5.04E-01	5.04E-01	5.04E-01	5.04E-01	5.04E-01	5.04E-01	5.04E-01	0.00E+00	1.77E-02	2.96E-03	3.24E-03	4.80E-01
Utah	Daggett County	49009	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
Utah	Daggett County	49009	R	Beryllium Compounds	3.16E-09	3.16E-09	3.16E-09	3.16E-09	3.16E-09	3.16E-09	3.16E-09	3.16E-09	0.00E+00	3.16E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	1,3-Butadiene	3.14E-03	3.14E-03	3.14E-03	3.14E-03	3.14E-03	3.14E-03	3.14E-03	3.14E-03	0.00E+00	2.78E-03	2.15E-04	1.46E-04	0.00E+00
Utah	Daggett County	49009	R	Cadmium Compounds	1.16E-08	1.16E-08	1.16E-08	1.16E-08	1.16E-08	1.16E-08	1.16E-08	1.16E-08	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	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	2.02E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Daggett County	49009	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	8.63E-07	0.00E+00	0.00E+00	8.80E-01
Utah	Daggett County	49009	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	5.04E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Daggett County	49009	R	Chromium Compounds (includes Hexavalent)	1.93E-07	1.93E-07	1.93E-07	1.93E-07	1.93E-07	1.93E-07	1.93E-07	1.93E-07	0.00E+00	7.89E-09	1.63E-07	2.23E-08	0.00E+00
Utah	Daggett County	49009	R	Chromium VI	7.65E-08	7.65E-08	7.65E-08	7.65E-08	7.65E-08	7.65E-08	7.65E-08	7.65E-08	0.00E+00	3.72E-09	6.52E-08	7.58E-09	0.00E+00
Utah	Daggett County	49009	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
Utah	Daggett County	49009	R	1,4-Dichlorobenzene	4.99E-05	4.99E-05	4.99E-05	4.99E-05	4.99E-05	4.99E-05	4.99E-05	4.99E-05	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	1,3-Dichloropropene	9.87E-05	9.87E-05	9.87E-05	9.87E-05	9.87E-05	9.87E-05	9.87E-05	9.87E-05	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	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
Utah	Daggett County	49009	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	5.62E-09	0.00E+00	0.00E+00	6.10E-02
Utah	Daggett County	49009	R	Ethylene Oxide	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	1.20E-07	0.00E+00	1.20E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	Formaldehyde	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01	0.00E+00	4.67E-02	1.39E-03	7.09E-04	2.50E-01
Utah	Daggett County	49009	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	1.96E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Daggett County	49009	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	3.23E-10	0.00E+00	0.00E+00	1.80E-03
Utah	Daggett County	49009	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
Utah	Daggett County	49009	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
Utah	Daggett County	49009	R	Lead Compounds	1.65E-06	1.65E-06	1.65E-06	1.65E-06	1.65E-06	1.65E-06	1.65E-06	1.65E-06	0.00E+00	2.67E-08	0.00E+00	1.63E-06	0.00E+00
Utah	Daggett County	49009	R	Manganese Compounds	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07	0.00E+00	7.15E-08	5.35E-08	1.15E-08	0.00E+00
Utah	Daggett County	49009	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	7.30E-09	2.30E-07	5.61E-08	1.50E-03
Utah	Daggett County	49009	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	1.91E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Daggett County	49009	R	Nickel Compounds	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07	0.00E+00	3.30E-08	1.34E-07	2.08E-08	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Daggett County	49009	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	2.36E-05	0.00E+00	0.00E+00	1.40E-01
Utah	Daggett County	49009	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	5.41E-07	0.00E+00	0.00E+00	3.80E-04
Utah	Daggett County	49009	R	Polycyclic Organic Matter	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	0.00E+00	1.05E-03	5.49E-05	1.58E-05	0.00E+00
Utah	Daggett County	49009	R	7-PAH	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	3.66E-04	0.00E+00	3.66E-04	3.01E-07	5.96E-07	0.00E+00
Utah	Daggett County	49009	R	Propylene Dichloride	5.37E-09	5.37E-09	5.37E-09	5.37E-09	5.37E-09	5.37E-09	5.37E-09	5.37E-09	0.00E+00	5.37E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	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
Utah	Daggett County	49009	R	1,1,2,2-Tetrachloroethane	8.41E-10	8.41E-10	8.41E-10	8.41E-10	8.41E-10	8.41E-10	8.41E-10	8.41E-10	0.00E+00	8.41E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Daggett County	49009	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.26E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Daggett County	49009	R	Vinyl Chloride	3.10E-09	3.10E-09	3.10E-09	3.10E-09	3.10E-09	3.10E-09	3.10E-09	3.10E-09	0.00E+00	3.10E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Acetaldehyde	1.73E-01	1.85E-01	2.52E-01	3.35E-01	3.26E-01	3.82E-01	4.81E-01	5.15E-01	9.63E-03	1.01E-01	1.49E-01	6.59E-02	0.00E+00
Utah	Davis County	49011	U	Acrolein	3.85E-02	4.35E-02	4.95E-02	6.48E-02	6.38E-02	7.71E-02	8.69E-02	8.90E-02	5.99E-04	1.14E-02	3.93E-02	1.25E-02	0.00E+00
Utah	Davis County	49011	U	Acrylonitrile	2.04E-04	2.07E-04	2.22E-04	2.83E-04	3.06E-04	3.06E-04	3.66E-04	6.47E-04	7.94E-05	2.27E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Arsenic Compounds	3.86E-04	4.01E-04	4.57E-04	5.47E-04	5.54E-04	6.43E-04	7.32E-04	7.67E-04	4.86E-04	2.05E-05	3.52E-05	1.22E-05	0.00E+00
Utah	Davis County	49011	U	Benzene	8.01E-01	8.51E-01	9.64E-01	1.16E+00	1.29E+00	1.48E+00	1.78E+00	2.05E+00	1.42E-01	5.83E-02	5.05E-01	1.03E-01	4.80E-01
Utah	Davis County	49011	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
Utah	Davis County	49011	U	Beryllium Compounds	1.92E-06	2.01E-06	2.85E-06	3.54E-06	4.04E-06	4.92E-06	6.73E-06	7.50E-06	1.41E-06	1.81E-06	0.00E+00	8.17E-07	0.00E+00
Utah	Davis County	49011	U	1,3-Butadiene	1.21E-02	1.62E-02	2.65E-02	4.09E-02	5.01E-02	6.91E-02	9.98E-02	1.17E-01	3.92E-04	1.15E-03	4.05E-02	8.06E-03	0.00E+00
Utah	Davis County	49011	U	Cadmium Compounds	8.43E-05	9.15E-05	1.04E-04	1.22E-04	1.23E-04	1.38E-04	1.67E-04	1.73E-04	1.17E-04	5.43E-06	0.00E+00	8.15E-07	0.00E+00
Utah	Davis County	49011	U	Carbon Disulfide	4.89E-02	4.91E-02	4.99E-02	5.02E-02	5.08E-02	5.05E-02	5.26E-02	5.40E-02	2.54E-03	1.25E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Davis County	49011	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	1.45E-07	3.81E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Davis County	49011	U	Chloroform	8.99E-02	9.15E-02	9.60E-02	1.00E-01	9.93E-02	1.03E-01	1.06E-01	1.07E-01	8.47E-07	1.63E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Davis County	49011	U	Chromium Compounds (includes Hexavalent)	9.05E-03	9.62E-03	1.21E-02	2.49E-02	3.60E-01	1.12E-01	7.16E-01	1.62E+00	3.60E-01	1.81E-04	3.36E-05	1.36E-06	0.00E+00
Utah	Davis County	49011	U	Chromium VI	2.58E-04	2.74E-04	3.21E-04	4.61E-04	5.84E-03	1.87E-03	1.15E-02	2.60E-02	5.77E-03	6.05E-05	1.34E-05	4.61E-07	0.00E+00
Utah	Davis County	49011	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
Utah	Davis County	49011	U	1,4-Dichlorobenzene	8.45E-03	1.14E-02	1.85E-02	2.82E-02	2.56E-02	3.21E-02	3.85E-02	4.06E-02	7.30E-06	2.56E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	1,3-Dichloropropene	1.63E-02	2.24E-02	3.64E-02	5.66E-02	5.14E-02	6.44E-02	7.76E-02	8.21E-02	0.00E+00	5.14E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	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	4.44E-08	2.04E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Davis County	49011	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	1.12E-05	2.40E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Davis County	49011	U	Ethylene Oxide	1.13E-03	1.41E-03	1.68E-03	2.15E-03	2.24E-03	2.63E-03	3.42E-03	3.54E-03	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Formaldehyde	4.69E-01	5.11E-01	5.58E-01	6.71E-01	6.77E-01	7.94E-01	8.65E-01	8.97E-01	1.22E-02	7.64E-02	2.31E-01	1.07E-01	2.50E-01
Utah	Davis County	49011	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	1.45E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Davis County	49011	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	1.24E-07	0.00E+00	0.00E+00	1.80E-03
Utah	Davis County	49011	U	Hexamethylene Diisocyanate	2.62E-08	2.75E-08	3.13E-08	5.61E-08	6.94E-08	9.38E-08	1.39E-07	1.59E-07	0.00E+00	6.94E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Hydrazine	3.39E-09	3.76E-09	5.63E-09	8.52E-09	1.19E-08	1.49E-08	2.86E-08	3.53E-08	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Lead Compounds	1.96E-03	2.06E-03	2.23E-03	2.62E-03	2.73E-03	2.98E-03	3.63E-03	3.98E-03	2.02E-03	2.37E-04	0.00E+00	4.73E-04	0.00E+00
Utah	Davis County	49011	U	Manganese Compounds	2.74E-02	3.03E-02	3.83E-02	8.11E-02	1.19E+00	3.70E-01	2.36E+00	5.34E+00	1.19E+00	2.49E-04	1.07E-05	1.23E-06	0.00E+00
Utah	Davis County	49011	U	Mercury Compounds	1.57E-03	1.58E-03	1.59E-03	1.64E-03	1.69E-03	1.69E-03	1.90E-03	1.96E-03	2.56E-05	1.21E-04	3.18E-05	1.08E-05	1.50E-03
Utah	Davis County	49011	U	Methylene Chloride	1.96E-01	2.13E-01	2.31E-01	2.74E-01	2.78E-01	3.09E-01	3.83E-01	4.04E-01	1.33E-02	1.15E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Davis County	49011	U	Nickel Compounds	5.08E-03	5.15E-03	6.62E-03	1.35E-02	1.97E-01	6.12E-02	3.87E-01	8.81E-01	1.97E-01	2.62E-04	2.47E-05	2.05E-06	0.00E+00
Utah	Davis County	49011	U	Perchloroethylene	1.55E-01	1.60E-01	1.66E-01	1.73E-01	1.75E-01	1.81E-01	1.92E-01	2.07E-01	7.89E-04	3.43E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Davis County	49011	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.83E-04	2.77E-08	1.27E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Davis County	49011	U	Polycyclic Organic Matter	1.85E-02	2.30E-02	3.14E-02	4.05E-02	5.04E-02	5.01E-02	7.59E-02	1.25E-01	1.67E-02	2.13E-02	9.68E-03	2.74E-03	0.00E+00
Utah	Davis County	49011	U	7-PAH	3.39E-04	4.22E-04	4.78E-04	5.82E-04	6.60E-04	7.47E-04	9.62E-04	1.24E-03	4.67E-06	5.70E-04	6.16E-05	2.34E-05	0.00E+00
Utah	Davis County	49011	U	Propylene Dichloride	1.03E-05	1.04E-05	1.34E-05	1.56E-05	1.74E-05	1.78E-05	2.13E-05	3.68E-05	4.81E-06	1.26E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Quinoline	8.33E-08	8.56E-08	1.01E-07	1.18E-07	1.40E-07	1.67E-07	2.27E-07	2.78E-07	0.00E+00	1.40E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	1,1,2,2-Tetrachloroethane	5.78E-05	6.12E-05	9.97E-05	1.13E-04	1.29E-04	1.31E-04	1.61E-04	2.97E-04	4.41E-05	8.53E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Davis County	49011	U	Trichloroethylene	8.79E-02	8.81E-02	9.05E-02	9.26E-02	9.40E-02	9.71E-02	1.02E-01	1.06E-01	8.43E-05	1.30E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Davis County	49011	U	Vinyl Chloride	1.47E-04	1.54E-04	2.49E-04	2.82E-04	3.23E-04	3.26E-04	4.06E-04	7.35E-04	1.08E-04	2.15E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	Acetaldehyde	2.08E-02	2.08E-02	2.58E-02	5.71E-02	6.48E-02	1.04E-01	1.24E-01	1.24E-01	0.00E+00	5.30E-02	8.23E-03	3.56E-03	0.00E+00
Utah	Duchesne County	49013	R	Acrolein	1.55E-02	1.55E-02	1.65E-02	1.95E-02	2.28E-02	2.90E-02	3.66E-02	3.66E-02	0.00E+00	2.06E-02	1.77E-03	4.07E-04	0.00E+00
Utah	Duchesne County	49013	R	Acrylonitrile	3.30E-07	3.30E-07	6.81E-07	1.06E-06	5.67E-06	1.07E-05	2.02E-05	2.02E-05	0.00E+00	5.67E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	Arsenic Compounds	5.11E-07	5.11E-07	1.01E-06	1.60E-06	3.63E-06	6.25E-06	1.08E-05	1.08E-05	0.00E+00	2.95E-07	2.14E-06	1.20E-06	0.00E+00
Utah	Duchesne County	49013	R	Benzene	5.29E-01	5.29E-01	5.34E-01	5.54E-01	5.89E-01	6.43E-01	7.19E-01	7.19E-01	1.89E-02	5.84E-02	2.59E-02	5.71E-03	4.80E-01
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	R	Beryllium Compounds	5.62E-09	5.62E-09	1.18E-08	1.91E-08	7.77E-08	1.44E-07	2.67E-07	2.67E-07	0.00E+00	7.77E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	1,3-Butadiene	4.13E-03	4.13E-03	4.63E-03	5.83E-03	8.63E-03	1.26E-02	1.87E-02	1.87E-02	0.00E+00	5.71E-03	2.46E-03	4.63E-04	0.00E+00
Utah	Duchesne County	49013	R	Cadmium Compounds	1.68E-08	1.68E-08	3.46E-08	6.80E-08	1.80E-07	3.25E-07	5.66E-07	5.66E-07	0.00E+00	1.80E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	4.72E-02	4.72E-02	0.00E+00	6.35E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Duchesne County	49013	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	2.03E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Duchesne County	49013	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.30E-02	8.31E-02	8.33E-02	8.35E-02	8.35E-02	0.00E+00	1.36E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Duchesne County	49013	R	Chromium Compounds (includes Hexavalent)	2.97E-07	2.97E-07	5.19E-07	7.67E-07	1.92E-06	3.32E-06	5.85E-06	5.85E-06	0.00E+00	2.03E-07	1.65E-06	6.26E-08	0.00E+00
Utah	Duchesne County	49013	R	Chromium VI	1.20E-07	1.20E-07	2.09E-07	3.06E-07	7.66E-07	1.32E-06	2.33E-06	2.33E-06	0.00E+00	9.38E-08	6.51E-07	2.13E-08	0.00E+00
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	R	1,4-Dichlorobenzene	9.35E-05	9.35E-05	2.07E-04	3.77E-04	1.44E-03	2.68E-03	4.93E-03	4.93E-03	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00

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

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
Utah	Duchesne County	49013	R	1,3-Dichloropropene	1.85E-04	1.85E-04	4.12E-04	7.55E-04	2.93E-03	5.44E-03	1.00E-02	1.00E-02	0.00E+00	2.93E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	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	1.54E-07	0.00E+00	0.00E+00	6.10E-02
Utah	Duchesne County	49013	R	Ethylene Oxide	3.58E-06	3.58E-06	4.68E-06	5.79E-06	6.02E-05	1.16E-04	2.26E-04	2.26E-04	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	Formaldehyde	3.17E-01	3.17E-01	3.22E-01	3.43E-01	3.59E-01	3.97E-01	4.35E-01	4.35E-01	0.00E+00	9.13E-02	1.21E-02	6.11E-03	2.50E-01
Utah	Duchesne County	49013	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.32E-05	9.34E-05	9.34E-05	0.00E+00	1.39E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	R	Lead Compounds	1.03E-06	1.03E-06	2.30E-06	7.41E-06	4.39E-05	8.56E-05	1.60E-04	1.60E-04	0.00E+00	7.59E-06	0.00E+00	3.63E-05	0.00E+00
Utah	Duchesne County	49013	R	Manganese Compounds	1.94E-07	1.94E-07	3.69E-07	6.70E-07	1.51E-06	2.64E-06	4.49E-06	4.49E-06	0.00E+00	8.84E-07	5.20E-07	1.01E-07	0.00E+00
Utah	Duchesne County	49013	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	6.81E-07	2.21E-06	9.86E-07	1.50E-03
Utah	Duchesne County	49013	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.55E-01	1.60E-01	1.69E-01	1.69E-01	0.00E+00	5.42E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Duchesne County	49013	R	Nickel Compounds	3.41E-07	3.41E-07	6.55E-07	1.03E-06	3.32E-06	5.98E-06	1.09E-05	1.09E-05	0.00E+00	1.93E-06	1.23E-06	1.56E-07	0.00E+00
Utah	Duchesne County	49013	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	0.00E+00	1.00E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Duchesne County	49013	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.83E-04	3.91E-04	4.01E-04	4.19E-04	4.19E-04	0.00E+00	1.13E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Duchesne County	49013	R	Polycyclic Organic Matter	1.71E-03	1.71E-03	2.12E-03	3.02E-03	5.17E-03	8.22E-03	1.29E-02	1.29E-02	0.00E+00	4.58E-03	4.87E-04	1.04E-04	0.00E+00
Utah	Duchesne County	49013	R	7-PAH	5.68E-04	5.68E-04	6.10E-04	7.41E-04	9.01E-04	1.19E-03	1.55E-03	1.55E-03	0.00E+00	8.97E-04	3.32E-06	1.03E-06	0.00E+00
Utah	Duchesne County	49013	R	Propylene Dichloride	9.82E-09	9.82E-09	2.03E-08	3.16E-08	1.69E-07	3.17E-07	6.02E-07	6.02E-07	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	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
Utah	Duchesne County	49013	R	1,1,2,2-Tetrachloroethane	1.54E-09	1.54E-09	3.18E-09	4.95E-09	2.64E-08	4.97E-08	9.43E-08	9.43E-08	0.00E+00	2.64E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Duchesne County	49013	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.13E-02	8.16E-02	8.22E-02	8.22E-02	0.00E+00	3.38E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Duchesne County	49013	R	Vinyl Chloride	5.68E-09	5.68E-09	1.17E-08	1.83E-08	9.75E-08	1.83E-07	3.48E-07	3.48E-07	0.00E+00	9.75E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	R	Acetaldehyde	1.36E-02	1.36E-02	1.81E-02	5.41E-02	2.71E-01	5.25E-01	9.64E-01	9.64E-01	7.92E-04	2.64E-01	4.83E-03	1.78E-03	0.00E+00
Utah	Emery County	49015	R	Acrolein	8.37E-03	8.37E-03	1.15E-02	1.93E-02	1.98E-02	2.81E-02	3.23E-02	3.23E-02	1.93E-05	1.80E-02	1.72E-03	1.14E-04	0.00E+00
Utah	Emery County	49015	R	Acrylonitrile	2.59E-07	2.59E-07	5.32E-07	1.92E-06	1.07E-05	2.09E-05	3.88E-05	3.88E-05	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	R	Arsenic Compounds	1.32E-06	1.32E-06	1.61E-05	4.56E-05	3.88E-05	6.15E-05	6.26E-05	6.26E-05	3.73E-05	1.01E-07	1.15E-06	2.41E-07	0.00E+00
Utah	Emery County	49015	R	Benzene	5.05E-01	5.05E-01	5.09E-01	5.27E-01	5.30E-01	5.52E-01	5.61E-01	5.61E-01	1.26E-04	3.44E-02	1.45E-02	1.15E-03	4.80E-01
Utah	Emery County	49015	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
Utah	Emery County	49015	R	Beryllium Compounds	8.28E-08	8.28E-08	8.38E-07	2.34E-06	1.99E-06	3.14E-06	3.20E-06	3.20E-06	1.93E-06	2.35E-08	0.00E+00	3.44E-08	0.00E+00
Utah	Emery County	49015	R	1,3-Butadiene	1.72E-03	1.72E-03	1.98E-03	3.80E-03	5.18E-03	8.37E-03	1.14E-02	1.14E-02	0.00E+00	4.45E-03	6.67E-04	5.99E-05	0.00E+00
Utah	Emery County	49015	R	Cadmium Compounds	9.57E-08	9.57E-08	1.98E-06	5.71E-06	4.81E-06	7.64E-06	7.74E-06	7.74E-06	4.72E-06	5.94E-08	0.00E+00	3.42E-08	0.00E+00
Utah	Emery County	49015	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	1.26E-05	2.60E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Emery County	49015	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	7.47E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Emery County	49015	R	Chloroform	8.30E-02	8.30E-02	8.32E-02	8.34E-02	8.34E-02	8.36E-02	8.37E-02	8.37E-02	2.55E-06	3.54E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Emery County	49015	R	Chromium Compounds (includes Hexavalent)	8.26E-07	8.26E-07	1.05E-05	1.06E-04	1.04E-04	1.97E-04	2.02E-04	2.02E-04	1.03E-04	7.09E-08	8.75E-07	1.87E-08	0.00E+00
Utah	Emery County	49015	R	Chromium VI	3.26E-07	3.26E-07	1.46E-06	1.21E-05	1.17E-05	2.19E-05	2.23E-05	2.23E-05	1.13E-05	3.35E-08	3.50E-07	6.36E-09	0.00E+00
Utah	Emery County	49015	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
Utah	Emery County	49015	R	1,4-Dichlorobenzene	2.71E-05	2.71E-05	1.49E-04	4.56E-04	4.36E-04	7.22E-04	8.03E-04	8.03E-04	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	R	1,3-Dichloropropene	5.36E-05	5.36E-05	2.93E-04	8.88E-04	8.54E-04	1.42E-03	1.59E-03	1.59E-03	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	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	1.59E-08	5.10E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Emery County	49015	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	4.06E-06	3.26E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Emery County	49015	R	Ethylene Oxide	1.49E-07	1.49E-07	4.72E-07	3.05E-06	3.28E-06	6.10E-06	6.89E-06	6.89E-06	0.00E+00	3.28E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	R	Formaldehyde	2.88E-01	2.88E-01	2.98E-01	3.64E-01	4.60E-01	6.22E-01	8.22E-01	8.22E-01	4.30E-05	2.01E-01	6.56E-03	1.73E-03	2.50E-01
Utah	Emery County	49015	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	3.57E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Emery County	49015	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	2.88E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Emery County	49015	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
Utah	Emery County	49015	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
Utah	Emery County	49015	R	Lead Compounds	3.37E-07	3.37E-07	4.46E-05	1.20E-04	1.05E-04	1.65E-04	1.80E-04	1.80E-04	8.18E-05	3.94E-07	0.00E+00	2.27E-05	0.00E+00
Utah	Emery County	49015	R	Manganese Compounds	3.31E-07	3.31E-07	1.82E-05	1.68E-04	1.64E-04	3.10E-04	3.20E-04	3.20E-04	1.64E-04	2.96E-07	2.65E-07	2.27E-08	0.00E+00
Utah	Emery County	49015	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	8.22E-10	1.90E-07	1.21E-06	2.52E-07	1.50E-03
Utah	Emery County	49015	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	2.55E-05	1.77E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Emery County	49015	R	Nickel Compounds	7.47E-07	7.47E-07	1.18E-05	9.16E-05	8.66E-05	1.61E-04	1.63E-04	1.63E-04	8.46E-05	1.38E-06	6.43E-07	3.68E-08	0.00E+00
Utah	Emery County	49015	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	3.99E-06	6.33E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Emery County	49015	R	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.82E-04	3.84E-04	3.84E-04	3.86E-04	3.87E-04	3.87E-04	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Emery County	49015	R	Polycyclic Organic Matter	1.04E-03	1.04E-03	1.35E-03	2.58E-03	2.67E-03	3.98E-03	4.47E-03	4.47E-03	1.86E-06	2.36E-03	2.72E-04	3.84E-05	0.00E+00
Utah	Emery County	49015	R	7-PAH	2.65E-04	2.65E-04	3.66E-04	6.49E-04	7.06E-04	1.05E-03	1.26E-03	1.26E-03	3.70E-08	7.04E-04	1.84E-06	3.52E-07	0.00E+00
Utah	Emery County	49015	R	Propylene Dichloride	7.70E-09	7.70E-09	1.58E-08	5.70E-08	6.00E-07	1.18E-06	2.28E-06	2.28E-06	0.00E+00	6.00E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	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
Utah	Emery County	49015	R	1,1,2,2-Tetrachloroethane	1.21E-09	1.21E-09	2.48E-09	8.94E-09	5.07E-06	1.01E-05	2.03E-05	2.03E-05	0.00E+00	5.07E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Emery County	49015	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	9.92E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Emery County	49015	R	Vinyl Chloride	4.45E-09	4.45E-09	9.16E-09	3.30E-08	1.25E-05	2.50E-05	4.99E-05	4.99E-05	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	Acetaldehyde	6.58E-02	6.58E-02	6.58E-02	7.90E-02	8.45E-02	1.09E-01	1.09E-01	1.09E-01	3.51E-05	8.17E-02	1.78E-03	1.05E-03	0.00E+00
Utah	Garfield County	49017	R	Acrolein	1.44E-02	1.44E-02	1.44E-02	1.91E-02	1.90E-02	2.34E-02	2.34E-02	2.34E-02	2.24E-06	1.84E-02	4.51E-04	1.41E-04	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Garfield County	49017	R	Acrylonitrile	8.92E-08	8.92E-08	8.92E-08	3.12E-07	3.33E-07	5.96E-07	5.96E-07	5.96E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	Arsenic Compounds	4.55E-07	4.55E-07	4.55E-07	9.25E-07	7.32E-06	2.06E-05	2.06E-05	2.06E-05	6.78E-06	2.14E-08	4.00E-07	1.18E-07	0.00E+00
Utah	Garfield County	49017	R	Benzene	5.08E-01	5.08E-01	5.08E-01	5.19E-01	5.19E-01	5.30E-01	5.30E-01	5.30E-01	2.26E-05	3.24E-02	4.68E-03	1.97E-03	4.80E-01
Utah	Garfield County	49017	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
Utah	Garfield County	49017	R	Beryllium Compounds	5.19E-09	5.19E-09	5.19E-09	9.16E-09	3.56E-07	1.05E-06	1.05E-06	1.05E-06	3.50E-07	5.61E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	1,3-Butadiene	2.96E-03	2.96E-03	2.96E-03	5.81E-03	5.13E-03	6.63E-03	6.63E-03	6.63E-03	0.00E+00	4.69E-03	3.20E-04	1.23E-04	0.00E+00
Utah	Garfield County	49017	R	Cadmium Compounds	1.37E-08	1.37E-08	1.37E-08	2.04E-08	8.69E-07	2.57E-06	2.57E-06	2.57E-06	8.55E-07	1.38E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	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	2.26E-06	6.66E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Garfield County	49017	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	1.36E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Garfield County	49017	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	7.17E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Garfield County	49017	R	Chromium Compounds (includes Hexavalent)	2.69E-07	2.69E-07	2.69E-07	5.68E-07	4.67E-06	1.32E-05	1.32E-05	1.32E-05	4.34E-06	1.57E-08	2.98E-07	1.54E-08	0.00E+00
Utah	Garfield County	49017	R	Chromium VI	1.06E-07	1.06E-07	1.06E-07	2.26E-07	6.08E-07	1.49E-06	1.49E-06	1.49E-06	4.77E-07	7.39E-09	1.18E-07	5.25E-09	0.00E+00
Utah	Garfield County	49017	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
Utah	Garfield County	49017	R	1,4-Dichlorobenzene	2.76E-05	2.76E-05	2.76E-05	6.20E-05	7.17E-05	1.25E-04	1.25E-04	1.25E-04	0.00E+00	7.17E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	1,3-Dichloropropene	5.48E-05	5.48E-05	5.48E-05	1.24E-04	1.43E-04	2.51E-04	2.51E-04	2.51E-04	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	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	8.21E-10	0.00E+00	0.00E+00	7.70E-03
Utah	Garfield County	49017	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	6.94E-07	2.67E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Garfield County	49017	R	Ethylene Oxide	9.46E-07	9.46E-07	9.46E-07	1.50E-06	1.38E-06	1.70E-06	1.70E-06	1.70E-06	0.00E+00	1.38E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	Formaldehyde	3.47E-01	3.47E-01	3.47E-01	3.66E-01	3.76E-01	4.16E-01	4.16E-01	4.16E-01	3.50E-06	1.22E-01	2.39E-03	1.70E-03	2.50E-01
Utah	Garfield County	49017	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	1.84E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Garfield County	49017	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	5.24E-10	0.00E+00	0.00E+00	1.80E-03
Utah	Garfield County	49017	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
Utah	Garfield County	49017	R	Hydrazine	3.75E-12	3.75E-12	3.75E-12	7.16E-11	1.81E-10	4.67E-10	4.67E-10	4.67E-10	0.00E+00	1.81E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	Lead Compounds	6.29E-08	6.29E-08	6.29E-08	1.25E-06	7.49E-06	2.12E-05	2.12E-05	2.12E-05	7.03E-06	4.23E-08	0.00E+00	4.21E-07	0.00E+00
Utah	Garfield County	49017	R	Manganese Compounds	1.68E-07	1.68E-07	1.68E-07	2.92E-07	8.33E-06	2.45E-05	2.45E-05	2.45E-05	8.15E-06	7.73E-08	9.37E-08	1.24E-08	0.00E+00
Utah	Garfield County	49017	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	6.82E-10	1.08E-08	4.23E-07	9.27E-08	1.50E-03
Utah	Garfield County	49017	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	4.07E-06	3.08E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Garfield County	49017	R	Nickel Compounds	3.62E-07	3.62E-07	3.62E-07	8.82E-07	5.12E-06	1.41E-05	1.41E-05	1.41E-05	4.63E-06	2.46E-07	2.25E-07	2.02E-08	0.00E+00
Utah	Garfield County	49017	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	6.04E-07	2.47E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Garfield County	49017	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	0.00E+00	7.66E-07	0.00E+00	0.00E+00	3.80E-04
Utah	Garfield County	49017	R	Polycyclic Organic Matter	1.35E-03	1.35E-03	1.35E-03	1.96E-03	1.92E-03	2.44E-03	2.44E-03	2.44E-03	3.26E-07	1.81E-03	9.03E-05	1.17E-05	0.00E+00
Utah	Garfield County	49017	R	7-PAH	5.06E-04	5.06E-04	5.06E-04	7.24E-04	6.96E-04	8.58E-04	8.58E-04	8.58E-04	6.65E-09	6.95E-04	6.11E-07	4.51E-07	0.00E+00
Utah	Garfield County	49017	R	Propylene Dichloride	6.84E-09	6.84E-09	6.84E-09	1.01E-08	1.77E-08	3.64E-08	3.64E-08	3.64E-08	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	Quinoline	9.36E-11	9.36E-11	9.36E-11	5.30E-10	1.01E-09	2.39E-09	2.39E-09	2.39E-09	0.00E+00	1.01E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	R	1,1,2,2-Tetrachloroethane	3.39E-10	3.39E-10	3.39E-10	1.44E-09	1.41E-09	2.44E-09	2.44E-09	2.44E-09	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Garfield County	49017	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	2.66E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Garfield County	49017	R	Vinyl Chloride	8.21E-09	8.21E-09	8.21E-09	1.70E-08	3.47E-08	7.90E-08	7.90E-08	7.90E-08	0.00E+00	3.47E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Acetaldehyde	2.04E-02	2.04E-02	2.04E-02	4.76E-02	4.25E-02	5.96E-02	5.96E-02	5.96E-02	0.00E+00	3.82E-02	2.57E-03	1.81E-03	0.00E+00
Utah	Grand County	49019	U	Acrolein	1.61E-02	1.61E-02	1.61E-02	1.64E-02	1.71E-02	1.87E-02	1.87E-02	1.87E-02	0.00E+00	1.58E-02	1.02E-03	2.70E-04	0.00E+00
Utah	Grand County	49019	U	Acrylonitrile	2.54E-06	2.54E-06	2.54E-06	1.85E-05	1.79E-05	3.25E-05	3.25E-05	3.25E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Arsenic Compounds	1.90E-08	1.90E-08	1.90E-08	1.56E-06	2.20E-06	5.04E-06	5.04E-06	5.04E-06	0.00E+00	4.33E-07	1.08E-06	6.96E-07	0.00E+00
Utah	Grand County	49019	U	Benzene	5.11E-01	5.11E-01	5.11E-01	5.24E-01	5.30E-01	5.56E-01	5.56E-01	5.56E-01	0.00E+00	3.52E-02	1.02E-02	5.05E-03	4.80E-01
Utah	Grand County	49019	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
Utah	Grand County	49019	U	Beryllium Compounds	3.37E-09	3.37E-09	3.37E-09	9.80E-08	2.14E-07	5.41E-07	5.41E-07	5.41E-07	0.00E+00	1.60E-07	0.00E+00	5.43E-08	0.00E+00
Utah	Grand County	49019	U	1,3-Butadiene	3.79E-03	3.79E-03	3.79E-03	5.61E-03	5.08E-03	5.84E-03	5.84E-03	5.84E-03	0.00E+00	3.96E-03	6.92E-04	4.22E-04	0.00E+00
Utah	Grand County	49019	U	Cadmium Compounds	4.60E-09	4.60E-09	4.60E-09	1.10E-07	2.91E-07	7.58E-07	7.58E-07	7.58E-07	0.00E+00	2.37E-07	0.00E+00	5.41E-08	0.00E+00
Utah	Grand County	49019	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	0.00E+00	8.31E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Grand County	49019	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Grand County	49019	U	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.32E-02	8.52E-02	8.94E-02	8.94E-02	8.94E-02	0.00E+00	2.21E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Grand County	49019	U	Chromium Compounds (includes Hexavalent)	1.64E-08	1.64E-08	1.64E-08	9.21E-07	1.04E-06	2.18E-06	2.18E-06	2.18E-06	0.00E+00	3.07E-07	6.70E-07	6.41E-08	0.00E+00
Utah	Grand County	49019	U	Chromium VI	7.05E-09	7.05E-09	7.05E-09	3.66E-07	4.52E-07	9.82E-07	9.82E-07	9.82E-07	0.00E+00	1.64E-07	2.66E-07	2.18E-08	0.00E+00
Utah	Grand County	49019	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
Utah	Grand County	49019	U	1,4-Dichlorobenzene	5.48E-07	5.48E-07	5.48E-07	1.73E-04	1.88E-03	5.48E-03	5.48E-03	5.48E-03	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	1,3-Dichloropropene	4.54E-07	4.54E-07	4.54E-07	3.35E-04	3.84E-03	1.12E-02	1.12E-02	1.12E-02	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	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	1.26E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Grand County	49019	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	1.73E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Grand County	49019	U	Ethylene Oxide	3.91E-07	3.91E-07	3.91E-07	5.73E-06	8.71E-05	2.55E-04	2.55E-04	2.55E-04	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Formaldehyde	3.23E-01	3.23E-01	3.23E-01	3.25E-01	3.31E-01	3.45E-01	3.45E-01	3.45E-01	0.00E+00	7.25E-02	4.74E-03	3.62E-03	2.50E-01
Utah	Grand County	49019	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.32E-05	9.32E-05	0.00E+00	7.63E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Grand County	49019	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	9.80E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Grand County	49019	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
Utah	Grand County	49019	U	Hydrazine	8.21E-10	8.21E-10	8.21E-10	1.19E-09	1.07E-09	1.21E-09	1.21E-09	1.21E-09	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Lead Compounds	3.47E-07	3.47E-07	3.47E-07	1.17E-06	1.06E-05	3.04E-05	3.04E-05	3.04E-05	0.00E+00	1.04E-05	0.00E+00	2.37E-07	0.00E+00
Utah	Grand County	49019	U	Manganese Compounds	2.65E-08	2.65E-08	2.65E-08	4.25E-07	1.24E-06	3.28E-06	3.28E-06	3.28E-06	0.00E+00	9.67E-07	2.10E-07	6.73E-08	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Grand County	49019	U	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	5.99E-07	1.24E-06	6.26E-07	1.50E-03
Utah	Grand County	49019	U	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.57E-01	1.71E-01	1.71E-01	1.71E-01	0.00E+00	7.39E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Grand County	49019	U	Nickel Compounds	1.03E-07	1.03E-07	1.03E-07	1.02E-06	3.77E-06	1.02E-05	1.02E-05	1.02E-05	0.00E+00	3.15E-06	5.08E-07	1.15E-07	0.00E+00
Utah	Grand County	49019	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.43E-01	1.43E-01	1.43E-01	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Grand County	49019	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.89E-04	4.06E-04	4.06E-04	4.06E-04	0.00E+00	9.00E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Grand County	49019	U	Polycyclic Organic Matter	1.52E-03	1.52E-03	1.52E-03	1.81E-03	3.68E-03	7.70E-03	7.70E-03	7.70E-03	0.00E+00	3.40E-03	2.13E-04	6.57E-05	0.00E+00
Utah	Grand County	49019	U	7-PAH	5.41E-04	5.41E-04	5.41E-04	6.37E-04	6.61E-04	8.04E-04	8.04E-04	8.04E-04	0.00E+00	6.58E-04	1.63E-06	6.98E-07	0.00E+00
Utah	Grand County	49019	U	Propylene Dichloride	1.73E-07	1.73E-07	1.73E-07	7.02E-07	9.61E-07	2.01E-06	2.01E-06	2.01E-06	0.00E+00	9.61E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Quinoline	3.83E-09	3.83E-09	3.83E-09	8.71E-09	7.10E-09	8.76E-09	8.76E-09	8.76E-09	0.00E+00	7.10E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	1,1,2,2-Tetrachloroethane	1.23E-06	1.23E-06	1.23E-06	1.54E-06	6.75E-06	1.75E-05	1.75E-05	1.75E-05	0.00E+00	6.75E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Grand County	49019	U	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.11E-02	8.17E-02	8.30E-02	8.30E-02	8.30E-02	0.00E+00	7.01E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Grand County	49019	U	Vinyl Chloride	3.14E-06	3.14E-06	3.14E-06	4.14E-06	1.69E-05	4.33E-05	4.33E-05	4.33E-05	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Acetaldehyde	1.57E-02	1.57E-02	2.70E-02	4.55E-02	5.13E-02	8.32E-02	9.54E-02	9.54E-02	0.00E+00	2.76E-02	2.04E-02	3.37E-03	0.00E+00
Utah	Iron County	49021	U	Acrolein	1.81E-02	1.81E-02	2.33E-02	2.91E-02	3.08E-02	4.29E-02	4.48E-02	4.48E-02	0.00E+00	2.48E-02	5.57E-03	3.56E-04	0.00E+00
Utah	Iron County	49021	U	Acrylonitrile	5.23E-07	5.23E-07	1.80E-06	4.04E-06	1.63E-05	1.40E-05	8.21E-05	8.21E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Arsenic Compounds	7.27E-07	7.27E-07	4.08E-06	5.55E-06	9.60E-06	1.31E-05	2.94E-05	2.94E-05	0.00E+00	1.51E-06	7.14E-06	9.48E-07	0.00E+00
Utah	Iron County	49021	U	Benzene	5.16E-01	5.16E-01	5.49E-01	5.72E-01	6.14E-01	6.66E-01	8.27E-01	8.27E-01	0.00E+00	5.38E-02	7.52E-02	5.15E-03	4.80E-01
Utah	Iron County	49021	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
Utah	Iron County	49021	U	Beryllium Compounds	4.41E-08	4.41E-08	1.41E-07	2.07E-07	5.74E-07	4.51E-07	2.57E-06	2.57E-06	0.00E+00	4.59E-07	0.00E+00	1.15E-07	0.00E+00
Utah	Iron County	49021	U	1,3-Butadiene	3.63E-03	3.63E-03	7.04E-03	8.63E-03	1.45E-02	2.40E-02	3.87E-02	3.87E-02	0.00E+00	6.87E-03	7.12E-03	5.13E-04	0.00E+00
Utah	Iron County	49021	U	Cadmium Compounds	6.94E-08	6.94E-08	2.00E-07	2.83E-07	7.49E-07	6.28E-07	3.37E-06	3.37E-06	0.00E+00	6.34E-07	0.00E+00	1.15E-07	0.00E+00
Utah	Iron County	49021	U	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.79E-02	4.79E-02	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Iron County	49021	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	5.57E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Iron County	49021	U	Chloroform	8.31E-02	8.31E-02	8.33E-02	8.40E-02	8.60E-02	8.63E-02	9.75E-02	9.75E-02	0.00E+00	3.00E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Iron County	49021	U	Chromium Compounds (includes Hexavalent)	1.35E-06	1.35E-06	2.61E-06	6.15E-06	6.96E-06	9.89E-06	1.83E-05	1.83E-05	0.00E+00	2.41E-06	4.47E-06	8.50E-08	0.00E+00
Utah	Iron County	49021	U	Chromium VI	1.04E-06	1.04E-06	1.24E-06	2.75E-06	3.66E-06	7.95E-06	7.95E-06	7.95E-06	0.00E+00	1.86E-06	1.77E-06	2.89E-08	0.00E+00
Utah	Iron County	49021	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
Utah	Iron County	49021	U	1,4-Dichlorobenzene	1.64E-04	1.64E-04	3.99E-04	1.37E-03	4.47E-03	4.81E-03	2.20E-02	2.20E-02	0.00E+00	4.47E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	1,3-Dichloropropene	3.17E-04	3.17E-04	7.82E-04	2.74E-03	9.10E-03	9.78E-03	4.51E-02	4.51E-02	0.00E+00	9.10E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	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	3.51E-11	0.00E+00	0.00E+00	7.70E-03
Utah	Iron County	49021	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	4.84E-07	0.00E+00	0.00E+00	6.10E-02
Utah	Iron County	49021	U	Ethylene Oxide	4.59E-07	4.59E-07	9.16E-06	1.67E-05	8.51E-05	1.22E-04	3.62E-04	3.62E-04	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Formaldehyde	3.20E-01	3.20E-01	3.57E-01	3.74E-01	3.96E-01	4.82E-01	4.92E-01	4.92E-01	0.00E+00	1.03E-01	3.70E-02	5.50E-03	2.50E-01
Utah	Iron County	49021	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.31E-05	9.38E-05	9.38E-05	0.00E+00	1.60E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Iron County	49021	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	2.92E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Iron County	49021	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
Utah	Iron County	49021	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-12	0.00E+00	8.35E-12	8.35E-12	0.00E+00	1.19E-12	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Lead Compounds	2.24E-05	2.24E-05	6.22E-05	1.52E-04	1.87E-04	3.36E-04	4.94E-04	4.94E-04	0.00E+00	6.94E-05	0.00E+00	1.17E-04	0.00E+00
Utah	Iron County	49021	U	Manganese Compounds	2.51E-07	2.51E-07	9.59E-07	1.67E-06	4.01E-06	4.24E-06	1.70E-05	1.70E-05	0.00E+00	2.48E-06	1.44E-06	9.17E-08	0.00E+00
Utah	Iron County	49021	U	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.53E-03	1.53E-03	0.00E+00	8.72E-07	8.25E-06	9.16E-07	1.50E-03
Utah	Iron County	49021	U	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.54E-01	1.69E-01	1.65E-01	2.52E-01	2.52E-01	0.00E+00	1.94E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Iron County	49021	U	Nickel Compounds	1.18E-06	1.18E-06	2.94E-06	7.98E-06	1.51E-05	1.60E-05	6.12E-05	6.12E-05	0.00E+00	1.16E-05	3.34E-06	1.56E-07	0.00E+00
Utah	Iron County	49021	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.42E-01	1.43E-01	1.44E-01	1.53E-01	1.53E-01	0.00E+00	3.09E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Iron County	49021	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.83E-04	3.85E-04	3.99E-04	3.96E-04	4.82E-04	4.82E-04	0.00E+00	1.93E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Iron County	49021	U	Polycyclic Organic Matter	1.85E-03	1.85E-03	2.96E-03	4.35E-03	7.38E-03	9.90E-03	2.37E-02	2.37E-02	0.00E+00	5.70E-03	1.49E-03	1.93E-04	0.00E+00
Utah	Iron County	49021	U	7-PAH	6.15E-04	6.15E-04	7.61E-04	8.84E-04	1.03E-03	1.61E-03	1.63E-03	1.63E-03	0.00E+00	1.02E-03	1.11E-05	1.36E-06	0.00E+00
Utah	Iron County	49021	U	Propylene Dichloride	1.56E-08	1.56E-08	5.58E-08	1.20E-07	4.86E-07	4.16E-07	2.44E-06	2.44E-06	0.00E+00	4.86E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-11	0.00E+00	2.83E-10	2.83E-10	0.00E+00	4.04E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	1,1,2,2-Tetrachloroethane	2.44E-09	2.44E-09	8.33E-09	1.88E-08	7.60E-08	6.51E-08	3.82E-07	3.82E-07	0.00E+00	7.60E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Iron County	49021	U	Trichloroethylene	8.10E-02	8.10E-02	8.12E-02	8.14E-02	8.29E-02	8.26E-02	9.08E-02	9.08E-02	0.00E+00	1.88E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Iron County	49021	U	Vinyl Chloride	9.01E-09	9.01E-09	3.96E-08	6.95E-08	2.82E-07	2.41E-07	1.41E-06	1.41E-06	0.00E+00	2.82E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Acetaldehyde	1.33E-02	1.33E-02	1.33E-02	2.22E-02	2.22E-02	3.12E-02	3.12E-02	3.12E-02	6.82E-06	8.43E-03	1.12E-02	2.59E-03	0.00E+00
Utah	Juab County	49023	U	Acrolein	1.43E-02	1.43E-02	1.43E-02	1.52E-02	1.52E-02	1.60E-02	1.60E-02	1.60E-02	3.15E-06	1.30E-02	1.92E-03	2.75E-04	0.00E+00
Utah	Juab County	49023	U	Acrylonitrile	7.49E-07	7.49E-07	7.49E-07	9.94E-07	9.94E-07	1.24E-06	1.24E-06	1.24E-06	0.00E+00	9.94E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Arsenic Compounds	4.59E-06	4.59E-06	4.59E-06	1.44E-05	1.44E-05	2.43E-05	2.43E-05	2.43E-05	1.13E-05	2.54E-07	2.24E-06	6.14E-07	0.00E+00
Utah	Juab County	49023	U	Benzene	5.16E-01	5.16E-01	5.16E-01	5.29E-01	5.29E-01	5.42E-01	5.42E-01	5.42E-01	1.57E-04	2.73E-02	1.89E-02	2.60E-03	4.80E-01
Utah	Juab County	49023	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
Utah	Juab County	49023	U	Beryllium Compounds	6.05E-07	6.05E-07	6.05E-07	1.53E-05	1.53E-05	3.00E-05	3.00E-05	3.00E-05	3.53E-07	1.46E-05	0.00E+00	3.61E-07	0.00E+00
Utah	Juab County	49023	U	1,3-Butadiene	3.73E-03	3.73E-03	3.73E-03	4.50E-03	4.50E-03	5.26E-03	5.26E-03	5.26E-03	0.00E+00	3.01E-03	1.31E-03	1.69E-04	0.00E+00
Utah	Juab County	49023	U	Cadmium Compounds	6.67E-07	6.67E-07	6.67E-07	1.31E-06	1.31E-06	1.96E-06	1.96E-06	1.96E-06	8.59E-07	9.24E-08	0.00E+00	3.60E-07	0.00E+00
Utah	Juab County	49023	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	2.24E-06	1.52E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Juab County	49023	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	6.72E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Juab County	49023	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	1.07E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Juab County	49023	U	Chromium Compounds (includes Hexavalent)	2.36E-06	2.36E-06	2.36E-06	1.91E-05	1.91E-05	3.59E-05	3.59E-05	3.59E-05	1.75E-05	1.93E-07	1.31E-06	1.06E-07	0.00E+00

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					5th	10th	25th	Median	Average	75th	90th	95th	Major	Area and Other	Onroad Mobile	Nonroad Mobile	Estimated Background
Utah	Juab County	49023	U	Chromium VI	9.20E-07	9.20E-07	9.20E-07	3.48E-06	3.48E-06	6.03E-06	6.03E-06	6.03E-06	2.85E-06	7.55E-08	5.16E-07	3.60E-08	0.00E+00
Utah	Juab County	49023	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
Utah	Juab County	49023	U	1,4-Dichlorobenzene	1.31E-04	1.31E-04	1.31E-04	1.71E-03	1.71E-03	3.28E-03	3.28E-03	3.28E-03	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	1,3-Dichloropropene	2.52E-04	2.52E-04	2.52E-04	3.46E-03	3.46E-03	6.67E-03	6.67E-03	6.67E-03	0.00E+00	3.46E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	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	1.14E-09	0.00E+00	0.00E+00	7.70E-03
Utah	Juab County	49023	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	6.89E-07	1.44E-07	0.00E+00	0.00E+00	6.10E-02
Utah	Juab County	49023	U	Ethylene Oxide	2.78E-06	2.78E-06	2.78E-06	4.54E-06	4.54E-06	6.31E-06	6.31E-06	6.31E-06	0.00E+00	4.54E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Formaldehyde	3.06E-01	3.06E-01	3.06E-01	3.16E-01	3.16E-01	3.25E-01	3.25E-01	3.25E-01	6.67E-06	4.90E-02	1.26E-02	4.22E-03	2.50E-01
Utah	Juab County	49023	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	9.66E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Juab County	49023	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	1.68E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Juab County	49023	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
Utah	Juab County	49023	U	Hydrazine	2.76E-13	2.76E-13	2.76E-13	3.70E-11	3.70E-11	7.37E-11	7.37E-11	7.37E-11	0.00E+00	3.70E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Lead Compounds	3.19E-05	3.19E-05	3.19E-05	3.32E-05	3.32E-05	3.44E-05	3.44E-05	3.44E-05	1.18E-05	1.75E-05	0.00E+00	3.88E-06	0.00E+00
Utah	Juab County	49023	U	Manganese Compounds	1.50E-06	1.50E-06	1.50E-06	1.47E-05	1.47E-05	2.78E-05	2.78E-05	2.78E-05	1.28E-05	1.38E-06	4.12E-07	7.76E-08	0.00E+00
Utah	Juab County	49023	U	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	1.62E-11	1.32E-07	2.65E-06	9.37E-07	1.50E-03
Utah	Juab County	49023	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.53E-01	1.53E-01	1.53E-01	8.29E-06	2.14E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Juab County	49023	U	Nickel Compounds	3.64E-06	3.64E-06	3.64E-06	1.18E-05	1.18E-05	2.00E-05	2.00E-05	2.00E-05	9.17E-06	1.49E-06	9.98E-07	1.58E-07	0.00E+00
Utah	Juab County	49023	U	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.23E-06	6.27E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Juab County	49023	U	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	8.69E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Juab County	49023	U	Polycyclic Organic Matter	1.65E-03	1.65E-03	1.65E-03	3.18E-03	3.18E-03	4.70E-03	4.70E-03	4.70E-03	1.45E-05	2.64E-03	4.31E-04	8.85E-05	0.00E+00
Utah	Juab County	49023	U	7-PAH	4.92E-04	4.92E-04	4.92E-04	5.42E-04	5.42E-04	5.92E-04	5.92E-04	5.92E-04	7.87E-09	5.38E-04	3.38E-06	1.05E-06	0.00E+00
Utah	Juab County	49023	U	Propylene Dichloride	2.24E-08	2.24E-08	2.24E-08	4.05E-08	4.05E-08	5.85E-08	5.85E-08	5.85E-08	0.00E+00	4.05E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Quinoline	1.31E-11	1.31E-11	1.31E-11	1.31E-09	1.31E-09	2.61E-09	2.61E-09	2.61E-09	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	1,1,2,2-Tetrachloroethane	3.49E-09	3.49E-09	3.49E-09	4.44E-09	4.44E-09	5.39E-09	5.39E-09	5.39E-09	0.00E+00	4.44E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Juab County	49023	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.12E-02	0.00E+00	1.05E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Juab County	49023	U	Vinyl Chloride	1.33E-08	1.33E-08	1.33E-08	5.73E-08	5.73E-08	1.01E-07	1.01E-07	1.01E-07	0.00E+00	5.73E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Acetaldehyde	6.93E-02	6.93E-02	6.93E-02	7.83E-02	7.83E-02	8.72E-02	8.72E-02	8.72E-02	0.00E+00	6.75E-02	8.67E-03	2.07E-03	0.00E+00
Utah	Kane County	49025	U	Acrolein	4.21E-02	4.21E-02	4.21E-02	4.45E-02	4.45E-02	4.69E-02	4.69E-02	4.69E-02	0.00E+00	4.26E-02	1.25E-03	7.13E-04	0.00E+00
Utah	Kane County	49025	U	Acrylonitrile	7.06E-07	7.06E-07	7.06E-07	7.92E-07	7.92E-07	8.77E-07	8.77E-07	8.77E-07	0.00E+00	7.92E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Arsenic Compounds	6.94E-07	6.94E-07	6.94E-07	1.66E-06	1.66E-06	2.62E-06	2.62E-06	2.62E-06	0.00E+00	5.82E-08	1.34E-06	2.59E-07	0.00E+00
Utah	Kane County	49025	U	Benzene	5.65E-01	5.65E-01	5.65E-01	5.80E-01	5.80E-01	5.96E-01	5.96E-01	5.96E-01	0.00E+00	7.44E-02	1.47E-02	1.13E-02	4.80E-01
Utah	Kane County	49025	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
Utah	Kane County	49025	U	Beryllium Compounds	1.24E-08	1.24E-08	1.24E-08	1.76E-08	1.76E-08	2.29E-08	2.29E-08	2.29E-08	0.00E+00	1.76E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	1,3-Butadiene	9.35E-03	9.35E-03	9.35E-03	1.10E-02	1.10E-02	1.27E-02	1.27E-02	1.27E-02	0.00E+00	9.44E-03	1.14E-03	4.35E-04	0.00E+00
Utah	Kane County	49025	U	Cadmium Compounds	2.64E-08	2.64E-08	2.64E-08	4.46E-08	4.46E-08	6.28E-08	6.28E-08	6.28E-08	0.00E+00	4.46E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	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	9.24E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Kane County	49025	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.27E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Kane County	49025	U	Chloroform	8.32E-02	8.32E-02	8.32E-02	8.36E-02	8.36E-02	8.40E-02	8.40E-02	8.40E-02	0.00E+00	5.90E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Kane County	49025	U	Chromium Compounds (includes Hexavalent)	4.87E-07	4.87E-07	4.87E-07	1.14E-06	1.14E-06	1.79E-06	1.79E-06	1.79E-06	0.00E+00	4.13E-08	1.01E-06	8.77E-08	0.00E+00
Utah	Kane County	49025	U	Chromium VI	1.93E-07	1.93E-07	1.93E-07	4.52E-07	4.52E-07	7.11E-07	7.11E-07	7.11E-07	0.00E+00	1.91E-08	4.03E-07	2.98E-08	0.00E+00
Utah	Kane County	49025	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
Utah	Kane County	49025	U	1,4-Dichlorobenzene	1.25E-04	1.25E-04	1.25E-04	3.75E-04	3.75E-04	6.24E-04	6.24E-04	6.24E-04	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	1,3-Dichloropropene	2.45E-04	2.45E-04	2.45E-04	7.54E-04	7.54E-04	1.26E-03	1.26E-03	1.26E-03	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	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	2.04E-10	0.00E+00	0.00E+00	7.70E-03
Utah	Kane County	49025	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	2.79E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Kane County	49025	U	Ethylene Oxide	6.06E-06	6.06E-06	6.06E-06	7.08E-06	7.08E-06	8.10E-06	8.10E-06	8.10E-06	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Formaldehyde	4.37E-01	4.37E-01	4.37E-01	4.53E-01	4.53E-01	4.69E-01	4.69E-01	4.69E-01	0.00E+00	1.92E-01	8.25E-03	2.60E-03	2.50E-01
Utah	Kane County	49025	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	3.23E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Kane County	49025	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	1.40E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Kane County	49025	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
Utah	Kane County	49025	U	Hydrazine	3.45E-11	3.45E-11	3.45E-11	3.45E-11	3.45E-11	3.45E-11	3.45E-11	3.45E-11	0.00E+00	3.45E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Lead Compounds	3.96E-07	3.96E-07	3.96E-07	4.25E-07	4.25E-07	4.53E-07	4.53E-07	4.53E-07	0.00E+00	1.52E-07	0.00E+00	2.73E-07	0.00E+00
Utah	Kane County	49025	U	Manganese Compounds	2.74E-07	2.74E-07	2.74E-07	5.97E-07	5.97E-07	9.21E-07	9.21E-07	9.21E-07	0.00E+00	2.34E-07	3.22E-07	4.11E-08	0.00E+00
Utah	Kane County	49025	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	0.00E+00	4.43E-08	1.40E-06	1.66E-07	1.50E-03
Utah	Kane County	49025	U	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	9.60E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Kane County	49025	U	Nickel Compounds	7.02E-07	7.02E-07	7.02E-07	1.25E-06	1.25E-06	1.79E-06	1.79E-06	1.79E-06	0.00E+00	4.02E-07	7.71E-07	7.39E-08	0.00E+00
Utah	Kane County	49025	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	2.60E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Kane County	49025	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.84E-04	3.84E-04	3.84E-04	0.00E+00	2.35E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Kane County	49025	U	Polycyclic Organic Matter	3.97E-03	3.97E-03	3.97E-03	4.76E-03	4.76E-03	5.55E-03	5.55E-03	5.55E-03	0.00E+00	4.41E-03	2.96E-04	5.30E-05	0.00E+00
Utah	Kane County	49025	U	7-PAH	1.50E-03	1.50E-03	1.50E-03	1.60E-03	1.60E-03	1.69E-03	1.69E-03	1.69E-03	0.00E+00	1.59E-03	1.99E-06	2.66E-06	0.00E+00
Utah	Kane County	49025	U	Propylene Dichloride	2.30E-08	2.30E-08	2.30E-08	2.55E-08	2.55E-08	2.81E-08	2.81E-08	2.81E-08	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Quinoline	2.48E-10	2.48E-10	2.48E-10	2.48E-10	2.48E-10	2.48E-10	2.48E-10	2.48E-10	0.00E+00	2.48E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	1,1,2,2-Tetrachloroethane	3.25E-09	3.25E-09	3.25E-09	3.65E-09	3.65E-09	4.05E-09	4.05E-09	4.05E-09	0.00E+00	3.65E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Kane County	49025	U	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	6.38E-05	0.00E+00	0.00E+00	8.10E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Kane County	49025	U	Vinyl Chloride	1.94E-08	1.94E-08	1.94E-08	2.08E-08	2.08E-08	2.23E-08	2.23E-08	2.23E-08	0.00E+00	2.08E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	R	Acetaldehyde	9.16E-03	9.16E-03	9.16E-03	2.40E-02	2.33E-02	3.68E-02	3.68E-02	3.68E-02	2.63E-06	1.31E-02	5.75E-03	4.45E-03	0.00E+00
Utah	Millard County	49027	R	Acrolein	7.10E-03	7.10E-03	7.10E-03	1.71E-02	2.06E-02	3.76E-02	3.76E-02	3.76E-02	1.27E-06	1.89E-02	1.32E-03	3.64E-04	0.00E+00
Utah	Millard County	49027	R	Acrylonitrile	2.03E-08	2.03E-08	2.03E-08	6.21E-07	9.03E-07	2.07E-06	2.07E-06	2.07E-06	0.00E+00	9.03E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	R	Arsenic Compounds	2.26E-06	2.26E-06	2.26E-06	3.50E-06	8.43E-06	1.95E-05	1.95E-05	1.95E-05	6.53E-06	7.56E-08	1.50E-06	3.16E-07	0.00E+00
Utah	Millard County	49027	R	Benzene	4.98E-01	4.98E-01	4.98E-01	5.26E-01	5.32E-01	5.72E-01	5.72E-01	5.72E-01	5.54E-04	3.42E-02	1.21E-02	4.95E-03	4.80E-01
Utah	Millard County	49027	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
Utah	Millard County	49027	R	Beryllium Compounds	1.42E-07	1.42E-07	1.42E-07	1.87E-07	2.27E-05	6.76E-05	6.76E-05	6.76E-05	1.38E-07	2.22E-05	0.00E+00	3.01E-07	0.00E+00
Utah	Millard County	49027	R	1,3-Butadiene	2.02E-03	2.02E-03	2.02E-03	5.33E-03	5.88E-03	1.03E-02	1.03E-02	1.03E-02	0.00E+00	4.85E-03	7.79E-04	2.53E-04	0.00E+00
Utah	Millard County	49027	R	Cadmium Compounds	1.96E-07	1.96E-07	1.96E-07	2.80E-07	6.66E-07	1.52E-06	1.52E-06	1.52E-06	3.33E-07	3.32E-08	0.00E+00	3.00E-07	0.00E+00
Utah	Millard County	49027	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	8.56E-07	1.01E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Millard County	49027	R	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	0.00E+00	4.04E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Millard County	49027	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	2.55E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Millard County	49027	R	Chromium Compounds (includes Hexavalent)	1.14E-06	1.14E-06	1.14E-06	5.24E-06	1.11E-05	2.68E-05	2.68E-05	2.68E-05	1.01E-05	5.10E-08	8.10E-07	1.13E-07	0.00E+00
Utah	Millard County	49027	R	Chromium VI	4.53E-07	4.53E-07	4.53E-07	8.82E-07	2.08E-06	4.91E-06	4.91E-06	4.91E-06	1.70E-06	2.48E-08	3.21E-07	3.83E-08	0.00E+00
Utah	Millard County	49027	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
Utah	Millard County	49027	R	1,4-Dichlorobenzene	4.87E-05	4.87E-05	4.87E-05	1.45E-04	2.09E-04	4.35E-04	4.35E-04	4.35E-04	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	R	1,3-Dichloropropene	9.72E-05	9.72E-05	9.72E-05	2.82E-04	4.17E-04	8.70E-04	8.70E-04	8.70E-04	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	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
Utah	Millard County	49027	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	2.63E-07	3.11E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Millard County	49027	R	Ethylene Oxide	1.23E-08	1.23E-08	1.23E-08	4.16E-06	4.21E-06	8.45E-06	8.45E-06	8.45E-06	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	R	Formaldehyde	2.80E-01	2.80E-01	2.80E-01	3.27E-01	3.35E-01	4.00E-01	4.00E-01	4.00E-01	1.76E-05	7.40E-02	7.31E-03	4.02E-03	2.50E-01
Utah	Millard County	49027	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	2.46E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Millard County	49027	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	1.62E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Millard County	49027	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
Utah	Millard County	49027	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
Utah	Millard County	49027	R	Lead Compounds	2.61E-06	2.61E-06	2.61E-06	3.65E-06	1.68E-05	4.43E-05	4.43E-05	4.43E-05	6.71E-06	4.86E-07	0.00E+00	9.65E-06	0.00E+00
Utah	Millard County	49027	R	Manganese Compounds	4.63E-07	4.63E-07	4.63E-07	3.70E-06	8.11E-06	2.02E-05	2.02E-05	2.02E-05	7.11E-06	6.94E-07	2.51E-07	5.71E-08	0.00E+00
Utah	Millard County	49027	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	8.24E-12	3.74E-08	1.86E-06	6.18E-07	1.50E-03
Utah	Millard County	49027	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.51E-01	1.51E-01	1.52E-01	1.52E-01	1.52E-01	3.53E-06	1.01E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Millard County	49027	R	Nickel Compounds	1.59E-06	1.59E-06	1.59E-06	2.82E-06	8.07E-06	1.98E-05	1.98E-05	1.98E-05	5.70E-06	1.64E-06	6.15E-07	1.24E-07	0.00E+00
Utah	Millard County	49027	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	5.24E-07	9.46E-05	0.00E+00	0.00E+00	1.40E-01
Utah	Millard County	49027	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.82E-04	3.83E-04	3.83E-04	3.83E-04	0.00E+00	1.68E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Millard County	49027	R	Polycyclic Organic Matter	8.67E-04	8.67E-04	8.67E-04	2.08E-03	2.41E-03	4.29E-03	4.29E-03	4.29E-03	5.76E-05	1.99E-03	2.76E-04	8.62E-05	0.00E+00
Utah	Millard County	49027	R	7-PAH	2.62E-04	2.62E-04	2.62E-04	6.04E-04	7.35E-04	1.34E-03	1.34E-03	1.34E-03	3.12E-09	7.31E-04	2.26E-06	1.85E-06	0.00E+00
Utah	Millard County	49027	R	Propylene Dichloride	6.03E-10	6.03E-10	6.03E-10	1.85E-08	2.69E-08	6.16E-08	6.16E-08	6.16E-08	0.00E+00	2.69E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	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
Utah	Millard County	49027	R	1,1,2,2-Tetrachloroethane	9.44E-11	9.44E-11	9.44E-11	2.89E-09	4.21E-09	9.65E-09	9.65E-09	9.65E-09	0.00E+00	4.21E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Millard County	49027	R	Trichloroethylene	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	5.82E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Millard County	49027	R	Vinyl Chloride	3.49E-10	3.49E-10	3.49E-10	1.07E-08	1.55E-08	3.56E-08	3.56E-08	3.56E-08	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Acetaldehyde	7.74E-02	7.74E-02	7.74E-02	9.50E-02	9.50E-02	1.13E-01	1.13E-01	1.13E-01	6.88E-04	4.10E-02	3.39E-02	1.94E-02	0.00E+00
Utah	Morgan County	49029	R	Acrolein	2.41E-02	2.41E-02	2.41E-02	2.76E-02	2.76E-02	3.11E-02	3.11E-02	3.11E-02	1.90E-04	1.36E-02	1.03E-02	3.53E-03	0.00E+00
Utah	Morgan County	49029	R	Acrylonitrile	2.91E-05	2.91E-05	2.91E-05	6.56E-05	6.56E-05	1.02E-04	1.02E-04	1.02E-04	1.70E-05	4.86E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Arsenic Compounds	1.54E-05	1.54E-05	1.54E-05	1.78E-05	1.78E-05	2.02E-05	2.02E-05	2.02E-05	7.10E-06	1.60E-06	6.85E-06	2.27E-06	0.00E+00
Utah	Morgan County	49029	R	Benzene	5.99E-01	5.99E-01	5.99E-01	6.22E-01	6.22E-01	6.45E-01	6.45E-01	6.45E-01	1.21E-02	3.56E-02	7.79E-02	1.64E-02	4.80E-01
Utah	Morgan County	49029	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
Utah	Morgan County	49029	R	Beryllium Compounds	1.07E-06	1.07E-06	1.07E-06	1.26E-06	1.26E-06	1.45E-06	1.45E-06	1.45E-06	5.26E-07	2.13E-07	0.00E+00	5.20E-07	0.00E+00
Utah	Morgan County	49029	R	1,3-Butadiene	4.95E-03	4.95E-03	4.95E-03	6.31E-03	6.31E-03	7.68E-03	7.68E-03	7.68E-03	2.90E-05	3.02E-03	2.45E-03	8.12E-04	0.00E+00
Utah	Morgan County	49029	R	Cadmium Compounds	4.44E-06	4.44E-06	4.44E-06	4.74E-06	4.74E-06	5.03E-06	5.03E-06	5.03E-06	3.48E-06	7.39E-07	0.00E+00	5.18E-07	0.00E+00
Utah	Morgan County	49029	R	Carbon Disulfide	4.75E-02	4.75E-02	4.75E-02	4.78E-02	4.78E-02	4.80E-02	4.80E-02	4.80E-02	5.30E-04	2.31E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Morgan County	49029	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	3.11E-08	6.19E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Morgan County	49029	R	Chloroform	8.48E-02	8.48E-02	8.48E-02	8.58E-02	8.58E-02	8.68E-02	8.68E-02	8.68E-02	1.81E-07	2.80E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Morgan County	49029	R	Chromium Compounds (includes Hexavalent)	4.49E-03	4.49E-03	4.49E-03	5.02E-03	5.02E-03	5.55E-03	5.55E-03	5.55E-03	4.97E-03	4.06E-05	5.16E-06	2.96E-07	0.00E+00
Utah	Morgan County	49029	R	Chromium VI	9.53E-05	9.53E-05	9.53E-05	9.96E-05	9.96E-05	1.04E-04	1.04E-04	1.04E-04	8.38E-05	1.36E-05	2.05E-06	1.01E-07	0.00E+00
Utah	Morgan County	49029	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
Utah	Morgan County	49029	R	1,4-Dichlorobenzene	1.87E-03	1.87E-03	1.87E-03	2.57E-03	2.57E-03	3.28E-03	3.28E-03	3.28E-03	1.56E-06	2.57E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	1,3-Dichloropropene	3.51E-03	3.51E-03	3.51E-03	4.77E-03	4.77E-03	6.04E-03	6.04E-03	6.04E-03	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	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	9.51E-09	4.64E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Morgan County	49029	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	3.15E-06	5.53E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Morgan County	49029	R	Ethylene Oxide	3.19E-05	3.19E-05	3.19E-05	3.83E-04	3.83E-04	7.34E-04	7.34E-04	7.34E-04	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Formaldehyde	3.78E-01	3.78E-01	3.78E-01	3.99E-01	3.99E-01	4.21E-01	4.21E-01	4.21E-01	2.06E-03	7.27E-02	4.27E-02	3.19E-02	2.50E-01
Utah	Morgan County	49029	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	5.86E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Morgan County	49029	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	1.94E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Morgan County	49029	R	Hexamethylene Diisocyanate	1.90E-08	1.90E-08	1.90E-08	2.90E-08	2.90E-08	3.90E-08	3.90E-08	3.90E-08	0.00E+00	2.90E-08	0.00E+00	0.00E+00	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Morgan County	49029	R	Hydrazine	2.48E-10	2.48E-10	2.48E-10	9.11E-10	9.11E-10	1.57E-09	1.57E-09	1.57E-09	0.00E+00	9.11E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Lead Compounds	1.57E-04	1.57E-04	1.57E-04	1.85E-04	1.85E-04	2.13E-04	2.13E-04	2.13E-04	2.25E-05	1.37E-05	0.00E+00	1.49E-04	0.00E+00
Utah	Morgan County	49029	R	Manganese Compounds	1.43E-02	1.43E-02	1.43E-02	1.61E-02	1.61E-02	1.78E-02	1.78E-02	1.78E-02	1.60E-02	4.09E-05	1.52E-06	2.47E-07	0.00E+00
Utah	Morgan County	49029	R	Mercury Compounds	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	1.53E-03	5.98E-06	1.36E-05	7.31E-06	2.56E-06	1.50E-03
Utah	Morgan County	49029	R	Methylene Chloride	1.61E-01	1.61E-01	1.61E-01	1.66E-01	1.66E-01	1.71E-01	1.71E-01	1.71E-01	3.11E-03	1.31E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Morgan County	49029	R	Nickel Compounds	2.31E-03	2.31E-03	2.31E-03	2.59E-03	2.59E-03	2.86E-03	2.86E-03	2.86E-03	2.53E-03	4.77E-05	3.81E-06	4.19E-07	0.00E+00
Utah	Morgan County	49029	R	Perchloroethylene	1.42E-01	1.42E-01	1.42E-01	1.45E-01	1.45E-01	1.47E-01	1.47E-01	1.47E-01	1.19E-04	4.40E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Morgan County	49029	R	Polychlorinated Biphenyls	3.85E-04	3.85E-04	3.85E-04	3.86E-04	3.86E-04	3.87E-04	3.87E-04	3.87E-04	3.31E-09	5.80E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Morgan County	49029	R	Polycyclic Organic Matter	6.87E-03	6.87E-03	6.87E-03	7.95E-03	7.95E-03	9.03E-03	9.03E-03	9.03E-03	1.36E-03	4.25E-03	1.62E-03	7.12E-04	0.00E+00
Utah	Morgan County	49029	R	7-PAH	5.49E-04	5.49E-04	5.49E-04	6.07E-04	6.07E-04	6.66E-04	6.66E-04	6.66E-04	9.58E-07	5.90E-04	1.13E-05	5.26E-06	0.00E+00
Utah	Morgan County	49029	R	Propylene Dichloride	1.65E-06	1.65E-06	1.65E-06	3.86E-06	3.86E-06	6.07E-06	6.07E-06	6.07E-06	1.03E-06	2.83E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Quinoline	8.50E-09	8.50E-09	8.50E-09	2.95E-08	2.95E-08	5.06E-08	5.06E-08	5.06E-08	0.00E+00	2.95E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	1,1,2,2-Tetrachloroethane	1.27E-05	1.27E-05	1.27E-05	2.98E-05	2.98E-05	4.70E-05	4.70E-05	4.70E-05	9.43E-06	2.04E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Morgan County	49029	R	Trichloroethylene	8.26E-02	8.26E-02	8.26E-02	8.36E-02	8.36E-02	8.46E-02	8.46E-02	8.46E-02	1.77E-05	2.57E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Morgan County	49029	R	Vinyl Chloride	3.17E-05	3.17E-05	3.17E-05	7.46E-05	7.46E-05	1.18E-04	1.18E-04	1.18E-04	2.32E-05	5.14E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	Acetaldehyde	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	0.00E+00	9.77E-03	2.24E-03	2.73E-03	0.00E+00
Utah	Piute County	49031	R	Acrolein	9.73E-03	9.73E-03	9.73E-03	9.73E-03	9.73E-03	9.73E-03	9.73E-03	9.73E-03	0.00E+00	8.30E-03	6.77E-04	7.55E-04	0.00E+00
Utah	Piute County	49031	R	Acrylonitrile	3.33E-07	3.33E-07	3.33E-07	3.33E-07	3.33E-07	3.33E-07	3.33E-07	3.33E-07	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	Arsenic Compounds	8.49E-07	8.49E-07	8.49E-07	8.49E-07	8.49E-07	8.49E-07	8.49E-07	8.49E-07	0.00E+00	1.82E-08	5.90E-07	2.41E-07	0.00E+00
Utah	Piute County	49031	R	Benzene	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	5.10E-01	0.00E+00	1.56E-02	5.85E-03	8.85E-03	4.80E-01
Utah	Piute County	49031	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
Utah	Piute County	49031	R	Beryllium Compounds	4.25E-09	4.25E-09	4.25E-09	4.25E-09	4.25E-09	4.25E-09	4.25E-09	4.25E-09	0.00E+00	4.25E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	1,3-Butadiene	3.76E-03	3.76E-03	3.76E-03	3.76E-03	3.76E-03	3.76E-03	3.76E-03	3.76E-03	0.00E+00	2.49E-03	3.06E-04	9.65E-04	0.00E+00
Utah	Piute County	49031	R	Cadmium Compounds	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	1.00E-08	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	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	3.73E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Piute County	49031	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	1.70E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Piute County	49031	R	Chloroform	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	8.31E-02	0.00E+00	5.07E-05	0.00E+00	0.00E+00	8.30E-02
Utah	Piute County	49031	R	Chromium Compounds (includes Hexavalent)	4.88E-07	4.88E-07	4.88E-07	4.88E-07	4.88E-07	4.88E-07	4.88E-07	4.88E-07	0.00E+00	1.29E-08	3.75E-07	1.00E-07	0.00E+00
Utah	Piute County	49031	R	Chromium VI	1.91E-07	1.91E-07	1.91E-07	1.91E-07	1.91E-07	1.91E-07	1.91E-07	1.91E-07	0.00E+00	5.48E-09	1.52E-07	3.40E-08	0.00E+00
Utah	Piute County	49031	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
Utah	Piute County	49031	R	1,4-Dichlorobenzene	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	1.03E-04	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	1,3-Dichloropropene	2.04E-04	2.04E-04	2.04E-04	2.04E-04	2.04E-04	2.04E-04	2.04E-04	2.04E-04	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	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
Utah	Piute County	49031	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	1.03E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Piute County	49031	R	Ethylene Oxide	1.53E-06	1.53E-06	1.53E-06	1.53E-06	1.53E-06	1.53E-06	1.53E-06	1.53E-06	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	Formaldehyde	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	0.00E+00	3.80E-02	3.09E-03	9.52E-03	2.50E-01
Utah	Piute County	49031	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	2.04E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Piute County	49031	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	5.97E-10	0.00E+00	0.00E+00	1.80E-03
Utah	Piute County	49031	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
Utah	Piute County	49031	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
Utah	Piute County	49031	R	Lead Compounds	2.54E-06	2.54E-06	2.54E-06	2.54E-06	2.54E-06	2.54E-06	2.54E-06	2.54E-06	0.00E+00	4.86E-08	0.00E+00	2.49E-06	0.00E+00
Utah	Piute County	49031	R	Manganese Compounds	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	2.00E-07	0.00E+00	5.24E-08	1.05E-07	4.27E-08	0.00E+00
Utah	Piute County	49031	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	1.29E-08	6.96E-07	1.45E-07	1.50E-03
Utah	Piute County	49031	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	3.55E-04	0.00E+00	0.00E+00	1.50E-01
Utah	Piute County	49031	R	Nickel Compounds	4.50E-07	4.50E-07	4.50E-07	4.50E-07	4.50E-07	4.50E-07	4.50E-07	4.50E-07	0.00E+00	9.81E-08	2.70E-07	8.15E-08	0.00E+00
Utah	Piute County	49031	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.40E-01
Utah	Piute County	49031	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	1.10E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Piute County	49031	R	Polycyclic Organic Matter	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	0.00E+00	9.48E-04	1.24E-04	4.41E-05	0.00E+00
Utah	Piute County	49031	R	7-PAH	3.41E-04	3.41E-04	3.41E-04	3.41E-04	3.41E-04	3.41E-04	3.41E-04	3.41E-04	0.00E+00	3.36E-04	9.12E-07	3.86E-06	0.00E+00
Utah	Piute County	49031	R	Propylene Dichloride	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	9.91E-09	0.00E+00	9.91E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	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
Utah	Piute County	49031	R	1,1,2,2-Tetrachloroethane	1.55E-09	1.55E-09	1.55E-09	1.55E-09	1.55E-09	1.55E-09	1.55E-09	1.55E-09	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Piute County	49031	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.38E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Piute County	49031	R	Vinyl Chloride	5.73E-09	5.73E-09	5.73E-09	5.73E-09	5.73E-09	5.73E-09	5.73E-09	5.73E-09	0.00E+00	5.73E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	Acetaldehyde	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	1.74E-02	3.61E-03	6.31E-03	0.00E+00
Utah	Rich County	49033	R	Acrolein	1.67E-02	1.67E-02	1.67E-02	1.67E-02	1.67E-02	1.67E-02	1.67E-02	1.67E-02	0.00E+00	1.46E-02	1.14E-03	9.82E-04	0.00E+00
Utah	Rich County	49033	R	Acrylonitrile	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
Utah	Rich County	49033	R	Arsenic Compounds	1.29E-06	1.29E-06	1.29E-06	1.29E-06	1.29E-06	1.29E-06	1.29E-06	1.29E-06	0.00E+00	1.04E-07	5.89E-07	5.95E-07	0.00E+00
Utah	Rich County	49033	R	Benzene	5.27E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	5.27E-01	0.00E+00	2.67E-02	9.12E-03	1.13E-02	4.80E-01
Utah	Rich County	49033	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
Utah	Rich County	49033	R	Beryllium Compounds	2.75E-08	2.75E-08	2.75E-08	2.75E-08	2.75E-08	2.75E-08	2.75E-08	2.75E-08	0.00E+00	2.51E-08	0.00E+00	2.37E-09	0.00E+00
Utah	Rich County	49033	R	1,3-Butadiene	4.25E-03	4.25E-03	4.25E-03	4.25E-03	4.25E-03	4.25E-03	4.25E-03	4.25E-03	0.00E+00	3.10E-03	3.52E-04	7.94E-04	0.00E+00
Utah	Rich County	49033	R	Cadmium Compounds	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	1.05E-07	0.00E+00	1.02E-07	0.00E+00	2.34E-09	0.00E+00
Utah	Rich County	49033	R	Carbon Disulfide	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02	1.01E-03	1.63E-05	0.00E+00	0.00E+00	4.70E-02

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Rich County	49033	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	6.36E-06	0.00E+00	0.00E+00	8.80E-01
Utah	Rich County	49033	R	Chloroform	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	2.40E-07	3.94E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Rich County	49033	R	Chromium Compounds (includes Hexavalent)	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	6.58E-07	0.00E+00	7.86E-08	4.69E-07	1.11E-07	0.00E+00
Utah	Rich County	49033	R	Chromium VI	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	3.51E-08	1.81E-07	3.77E-08	0.00E+00
Utah	Rich County	49033	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
Utah	Rich County	49033	R	1,4-Dichlorobenzene	3.26E-04	3.26E-04	3.26E-04	3.26E-04	3.26E-04	3.26E-04	3.26E-04	3.26E-04	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	1,3-Dichloropropene	5.89E-04	5.89E-04	5.89E-04	5.89E-04	5.89E-04	5.89E-04	5.89E-04	5.89E-04	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	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	9.17E-10	0.00E+00	0.00E+00	7.70E-03
Utah	Rich County	49033	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	6.99E-08	0.00E+00	0.00E+00	6.10E-02
Utah	Rich County	49033	R	Ethylene Oxide	3.60E-06	3.60E-06	3.60E-06	3.60E-06	3.60E-06	3.60E-06	3.60E-06	3.60E-06	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	Formaldehyde	3.27E-01	3.27E-01	3.27E-01	3.27E-01	3.27E-01	3.27E-01	3.27E-01	3.27E-01	1.75E-03	5.75E-02	4.74E-03	1.28E-02	2.50E-01
Utah	Rich County	49033	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.30E-05	0.00E+00	3.07E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Rich County	49033	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
Utah	Rich County	49033	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
Utah	Rich County	49033	R	Hydrazine	1.82E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11	1.82E-11	0.00E+00	1.82E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	Lead Compounds	1.84E-05	1.84E-05	1.84E-05	1.84E-05	1.84E-05	1.84E-05	1.84E-05	1.84E-05	0.00E+00	3.27E-06	0.00E+00	1.52E-05	0.00E+00
Utah	Rich County	49033	R	Manganese Compounds	5.05E-07	5.05E-07	5.05E-07	5.05E-07	5.05E-07	5.05E-07	5.05E-07	5.05E-07	0.00E+00	2.88E-07	1.46E-07	7.08E-08	0.00E+00
Utah	Rich County	49033	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	9.89E-08	5.85E-07	4.51E-07	1.50E-03
Utah	Rich County	49033	R	Methylene Chloride	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01	0.00E+00	1.13E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Rich County	49033	R	Nickel Compounds	2.65E-06	2.65E-06	2.65E-06	2.65E-06	2.65E-06	2.65E-06	2.65E-06	2.65E-06	0.00E+00	2.16E-06	3.65E-07	1.21E-07	0.00E+00
Utah	Rich County	49033	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	8.22E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Rich County	49033	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.59E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Rich County	49033	R	Polycyclic Organic Matter	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	0.00E+00	1.79E-03	1.56E-04	7.11E-05	0.00E+00
Utah	Rich County	49033	R	7-PAH	5.42E-04	5.42E-04	5.42E-04	5.42E-04	5.42E-04	5.42E-04	5.42E-04	5.42E-04	0.00E+00	5.37E-04	8.66E-07	3.89E-06	0.00E+00
Utah	Rich County	49033	R	Propylene Dichloride	4.42E-08	4.42E-08	4.42E-08	4.42E-08	4.42E-08	4.42E-08	4.42E-08	4.42E-08	0.00E+00	4.42E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	Quinoline	9.70E-10	9.70E-10	9.70E-10	9.70E-10	9.70E-10	9.70E-10	9.70E-10	9.70E-10	0.00E+00	9.70E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	1,1,2,2-Tetrachloroethane	5.39E-09	5.39E-09	5.39E-09	5.39E-09	5.39E-09	5.39E-09	5.39E-09	5.39E-09	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Rich County	49033	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.11E-02	0.00E+00	1.08E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Rich County	49033	R	Vinyl Chloride	5.29E-08	5.29E-08	5.29E-08	5.29E-08	5.29E-08	5.29E-08	5.29E-08	5.29E-08	0.00E+00	5.29E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Acetaldehyde	2.39E-01	2.84E-01	3.62E-01	4.60E-01	5.02E-01	6.05E-01	7.69E-01	8.90E-01	1.26E-02	4.86E-02	2.02E-01	2.40E-01	0.00E+00
Utah	Salt Lake County	49035	U	Acrolein	4.86E-02	5.37E-02	6.43E-02	8.03E-02	8.38E-02	9.83E-02	1.18E-01	1.33E-01	2.70E-04	1.72E-02	4.77E-02	1.86E-02	0.00E+00
Utah	Salt Lake County	49035	U	Acrylonitrile	1.66E-04	2.00E-04	3.11E-04	5.09E-04	1.35E-03	7.96E-04	1.59E-03	4.32E-03	1.14E-03	2.06E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Arsenic Compounds	2.94E-04	3.37E-04	4.42E-04	5.83E-04	6.22E-04	7.30E-04	8.62E-04	9.92E-04	4.31E-04	7.95E-05	4.65E-05	6.51E-05	0.00E+00
Utah	Salt Lake County	49035	U	Benzene	9.19E-01	9.80E-01	1.13E+00	1.38E+00	1.55E+00	1.76E+00	2.25E+00	2.61E+00	5.50E-02	1.53E-01	6.62E-01	1.97E-01	4.80E-01
Utah	Salt Lake County	49035	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
Utah	Salt Lake County	49035	U	Beryllium Compounds	1.28E-06	1.39E-06	1.87E-06	2.49E-06	3.44E-06	3.77E-06	6.85E-06	8.86E-06	6.88E-07	2.05E-06	0.00E+00	7.07E-07	0.00E+00
Utah	Salt Lake County	49035	U	1,3-Butadiene	2.53E-02	3.08E-02	3.99E-02	6.07E-02	7.91E-02	9.46E-02	1.41E-01	1.93E-01	1.37E-04	2.16E-03	5.72E-02	1.96E-02	0.00E+00
Utah	Salt Lake County	49035	U	Cadmium Compounds	4.83E-05	5.40E-05	7.11E-05	9.74E-05	1.00E-04	1.18E-04	1.40E-04	1.66E-04	9.39E-05	5.60E-06	0.00E+00	7.05E-07	0.00E+00
Utah	Salt Lake County	49035	U	Carbon Disulfide	4.81E-02	4.82E-02	4.86E-02	4.94E-02	5.09E-02	5.24E-02	5.47E-02	5.63E-02	1.49E-03	2.37E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Salt Lake County	49035	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	2.09E-06	4.88E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Salt Lake County	49035	U	Chloroform	9.48E-02	9.97E-02	1.04E-01	1.08E-01	1.09E-01	1.16E-01	1.21E-01	1.24E-01	1.22E-05	2.64E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Salt Lake County	49035	U	Chromium Compounds (includes Hexavalent)	1.39E-04	1.57E-04	2.04E-04	3.96E-03	3.98E-03	5.07E-03	7.52E-03	9.59E-03	2.74E-03	1.19E-03	4.60E-05	2.42E-06	0.00E+00
Utah	Salt Lake County	49035	U	Chromium VI	3.71E-05	4.22E-05	5.62E-05	1.12E-04	4.61E-04	2.09E-04	7.44E-04	1.33E-03	4.96E-05	3.92E-04	1.84E-05	8.24E-07	0.00E+00
Utah	Salt Lake County	49035	U	Coke Oven Emissions	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	2.51E-02	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	1,4-Dichlorobenzene	1.63E-02	2.43E-02	3.13E-02	3.96E-02	4.01E-02	4.90E-02	5.85E-02	6.44E-02	1.05E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	1,3-Dichloropropene	3.23E-02	4.89E-02	6.25E-02	7.98E-02	8.07E-02	9.91E-02	1.19E-01	1.31E-01	0.00E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	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	6.39E-07	4.22E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Salt Lake County	49035	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.12E-02	6.11E-02	6.12E-02	6.15E-02	1.41E-04	2.65E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Salt Lake County	49035	U	Ethylene Oxide	7.31E-04	8.30E-04	1.32E-03	1.89E-03	2.50E-03	3.06E-03	4.09E-03	6.09E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Formaldehyde	6.32E-01	7.03E-01	8.15E-01	9.66E-01	1.04E+00	1.22E+00	1.42E+00	1.66E+00	2.83E-02	7.33E-02	3.07E-01	3.83E-01	2.50E-01
Utah	Salt Lake County	49035	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	1.94E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Salt Lake County	49035	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	1.42E-07	0.00E+00	0.00E+00	1.80E-03
Utah	Salt Lake County	49035	U	Hexamethylene Diisocyanate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	2.13E-08	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Hydrazine	6.55E-09	7.75E-09	1.49E-08	4.01E-08	1.17E-07	1.09E-07	2.63E-07	5.39E-07	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Lead Compounds	1.23E-03	1.33E-03	1.72E-03	2.17E-03	2.55E-03	2.94E-03	3.73E-03	4.30E-03	1.73E-03	2.31E-04	0.00E+00	5.89E-04	0.00E+00
Utah	Salt Lake County	49035	U	Manganese Compounds	4.82E-04	5.48E-04	7.04E-04	1.25E-02	1.04E-02	1.56E-02	2.02E-02	2.27E-02	8.73E-03	1.62E-03	1.49E-05	5.30E-06	0.00E+00
Utah	Salt Lake County	49035	U	Mercury Compounds	1.57E-03	1.58E-03	1.60E-03	1.63E-03	1.65E-03	1.68E-03	1.73E-03	1.78E-03	4.28E-06	4.96E-05	4.04E-05	5.47E-05	1.50E-03
Utah	Salt Lake County	49035	U	Methylene Chloride	2.15E-01	2.21E-01	2.49E-01	2.98E-01	3.42E-01	3.85E-01	4.99E-01	6.42E-01	1.53E-02	1.77E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Salt Lake County	49035	U	Nickel Compounds	2.08E-04	2.36E-04	3.16E-04	2.24E-03	2.72E-03	2.98E-03	4.42E-03	6.03E-03	1.40E-03	1.28E-03	3.39E-05	8.20E-06	0.00E+00
Utah	Salt Lake County	49035	U	Perchloroethylene	1.63E-01	1.73E-01	1.86E-01	2.08E-01	2.15E-01	2.35E-01	2.71E-01	3.03E-01	2.75E-03	7.27E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Salt Lake County	49035	U	Polychlorinated Biphenyls	3.80E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	9.32E-09	8.62E-07	0.00E+00	0.00E+00	3.80E-04
Utah	Salt Lake County	49035	U	Polycyclic Organic Matter	2.68E-02	3.60E-02	4.38E-02	5.68E-02	6.10E-02	7.25E-02	8.71E-02	9.81E-02	5.07E-03	3.78E-02	1.33E-02	4.81E-03	0.00E+00
Utah	Salt Lake County	49035	U	7-PAH	4.44E-04	5.47E-04	6.98E-04	8.95E-04	1.01E-03	1.04E-03	1.70E-03	2.40E-03	1.91E-06	8.85E-04	8.24E-05	3.72E-05	0.00E+00
Utah	Salt Lake County	49035	U	Propylene Dichloride	9.93E-06	1.27E-05	1.88E-05	2.91E-05	8.23E-05	5.09E-05	9.78E-05	2.65E-04	6.91E-05	1.31E-05	0.00E+00	0.00E+00	0.00E+00

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

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
Utah	Salt Lake County	49035	U	Quinoline	7.30E-08	8.72E-08	1.29E-07	2.14E-07	4.44E-07	4.35E-07	1.00E-06	1.46E-06	0.00E+00	4.44E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	1,1,2,2-Tetrachloroethane	6.93E-05	8.33E-05	1.26E-04	2.21E-04	6.96E-04	3.84E-04	7.95E-04	2.37E-03	6.33E-04	6.27E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Salt Lake County	49035	U	Trichloroethylene	8.67E-02	8.80E-02	9.07E-02	9.86E-02	1.07E-01	1.13E-01	1.34E-01	1.50E-01	1.25E-03	2.47E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Salt Lake County	49035	U	Vinyl Chloride	1.75E-04	2.12E-04	3.18E-04	5.55E-04	1.73E-03	9.74E-04	1.96E-03	5.86E-03	1.56E-03	1.68E-04	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	R	Acetaldehyde	1.49E-02	1.49E-02	1.56E-02	6.06E-02	7.21E-02	1.29E-01	1.52E-01	1.52E-01	0.00E+00	6.69E-02	3.01E-03	2.23E-03	0.00E+00
Utah	San Juan County	49037	R	Acrolein	2.72E-03	2.72E-03	3.60E-03	2.80E-02	2.75E-02	5.14E-02	5.14E-02	5.14E-02	0.00E+00	2.65E-02	8.47E-04	1.84E-04	0.00E+00
Utah	San Juan County	49037	R	Acrylonitrile	1.18E-07	1.18E-07	1.89E-07	7.29E-07	6.93E-07	1.20E-06	1.20E-06	1.20E-06	0.00E+00	6.93E-07	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	R	Arsenic Compounds	2.88E-07	2.88E-07	4.31E-07	9.83E-07	9.12E-07	1.39E-06	1.39E-06	1.39E-06	0.00E+00	3.61E-08	6.43E-07	2.33E-07	0.00E+00
Utah	San Juan County	49037	R	Benzene	4.92E-01	4.92E-01	4.92E-01	5.37E-01	5.37E-01	5.81E-01	5.82E-01	5.82E-01	0.00E+00	4.61E-02	7.96E-03	2.87E-03	4.80E-01
Utah	San Juan County	49037	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
Utah	San Juan County	49037	R	Beryllium Compounds	3.88E-09	3.88E-09	4.48E-09	9.18E-09	8.87E-09	1.33E-08	1.33E-08	1.33E-08	0.00E+00	8.87E-09	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	R	1,3-Butadiene	3.76E-04	3.76E-04	5.93E-04	6.34E-03	6.23E-03	1.19E-02	1.19E-02	1.19E-02	0.00E+00	5.66E-03	4.49E-04	1.18E-04	0.00E+00
Utah	San Juan County	49037	R	Cadmium Compounds	1.89E-08	1.89E-08	2.07E-08	2.26E-08	2.53E-08	2.98E-08	3.71E-08	3.71E-08	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	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	7.77E-06	0.00E+00	0.00E+00	4.70E-02
Utah	San Juan County	49037	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	3.29E-06	0.00E+00	0.00E+00	8.80E-01
Utah	San Juan County	49037	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	2.63E-05	0.00E+00	0.00E+00	8.30E-02
Utah	San Juan County	49037	R	Chromium Compounds (includes Hexavalent)	1.85E-07	1.85E-07	2.49E-07	5.95E-07	5.62E-07	8.76E-07	8.76E-07	8.76E-07	0.00E+00	2.50E-08	5.17E-07	2.06E-08	0.00E+00
Utah	San Juan County	49037	R	Chromium VI	7.18E-08	7.18E-08	9.88E-08	2.38E-07	2.25E-07	3.51E-07	3.51E-07	3.51E-07	0.00E+00	1.14E-08	2.06E-07	7.00E-09	0.00E+00
Utah	San Juan County	49037	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
Utah	San Juan County	49037	R	1,4-Dichlorobenzene	1.66E-04	1.66E-04	1.73E-04	1.79E-04	1.95E-04	2.18E-04	2.56E-04	2.56E-04	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	R	1,3-Dichloropropene	3.23E-04	3.23E-04	3.39E-04	3.56E-04	3.86E-04	4.32E-04	5.08E-04	5.08E-04	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	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
Utah	San Juan County	49037	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	3.42E-08	0.00E+00	0.00E+00	6.10E-02
Utah	San Juan County	49037	R	Ethylene Oxide	7.45E-08	7.45E-08	2.19E-06	4.31E-06	3.39E-06	4.59E-06	4.88E-06	4.88E-06	0.00E+00	3.39E-06	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	R	Formaldehyde	2.72E-01	2.72E-01	2.75E-01	3.79E-01	3.78E-01	4.82E-01	4.84E-01	4.84E-01	0.00E+00	1.23E-01	3.82E-03	1.98E-03	2.50E-01
Utah	San Juan County	49037	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	2.21E-08	0.00E+00	0.00E+00	9.30E-05
Utah	San Juan County	49037	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	1.24E-09	0.00E+00	0.00E+00	1.80E-03
Utah	San Juan County	49037	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
Utah	San Juan County	49037	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
Utah	San Juan County	49037	R	Lead Compounds	2.31E-06	2.31E-06	4.26E-06	1.00E-05	1.44E-05	2.45E-05	3.52E-05	3.52E-05	0.00E+00	6.36E-07	0.00E+00	1.38E-05	0.00E+00
Utah	San Juan County	49037	R	Manganese Compounds	1.77E-07	1.77E-07	2.63E-07	3.62E-07	3.20E-07	3.76E-07	3.76E-07	3.76E-07	0.00E+00	1.42E-07	1.56E-07	2.18E-08	0.00E+00
Utah	San Juan County	49037	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	4.78E-08	6.53E-07	1.92E-07	1.50E-03
Utah	San Juan County	49037	R	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	0.00E+00	7.66E-04	0.00E+00	0.00E+00	1.50E-01
Utah	San Juan County	49037	R	Nickel Compounds	2.76E-07	2.76E-07	3.73E-07	8.10E-07	7.62E-07	1.15E-06	1.15E-06	1.15E-06	0.00E+00	3.45E-07	3.84E-07	3.32E-08	0.00E+00
Utah	San Juan County	49037	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	7.99E-05	0.00E+00	0.00E+00	1.40E-01
Utah	San Juan County	49037	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.82E-04	3.82E-04	3.82E-04	0.00E+00	1.35E-06	0.00E+00	0.00E+00	3.80E-04
Utah	San Juan County	49037	R	Polycyclic Organic Matter	7.10E-04	7.10E-04	9.18E-04	2.97E-03	2.87E-03	4.82E-03	4.83E-03	4.83E-03	0.00E+00	2.69E-03	1.51E-04	2.30E-05	0.00E+00
Utah	San Juan County	49037	R	7-PAH	1.36E-04	1.36E-04	1.47E-04	9.87E-04	9.82E-04	1.82E-03	1.82E-03	1.82E-03	0.00E+00	9.80E-04	1.03E-06	5.93E-07	0.00E+00
Utah	San Juan County	49037	R	Propylene Dichloride	3.50E-09	3.50E-09	5.64E-09	2.17E-08	2.06E-08	3.56E-08	3.56E-08	3.56E-08	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	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
Utah	San Juan County	49037	R	1,1,2,2-Tetrachloroethane	5.48E-10	5.48E-10	8.83E-10	3.40E-09	3.23E-09	5.58E-09	5.58E-09	5.58E-09	0.00E+00	3.23E-09	0.00E+00	0.00E+00	0.00E+00
Utah	San Juan County	49037	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	3.33E-05	0.00E+00	0.00E+00	8.10E-02
Utah	San Juan County	49037	R	Vinyl Chloride	2.02E-09	2.02E-09	3.26E-09	1.25E-08	1.19E-08	2.06E-08	2.06E-08	2.06E-08	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Acetaldehyde	9.17E-03	9.17E-03	1.81E-02	3.36E-01	2.75E-01	4.41E-01	5.70E-01	5.70E-01	1.90E-04	2.66E-01	7.16E-03	1.67E-03	0.00E+00
Utah	Sanpete County	49039	R	Acrolein	8.65E-03	8.65E-03	1.10E-02	1.39E-02	1.39E-02	1.64E-02	1.94E-02	1.94E-02	2.05E-06	1.18E-02	1.84E-03	2.06E-04	0.00E+00
Utah	Sanpete County	49039	R	Acrylonitrile	6.20E-07	6.20E-07	8.38E-06	3.44E-05	3.14E-05	5.30E-05	6.05E-05	6.05E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Arsenic Compounds	2.55E-06	2.55E-06	3.51E-06	3.73E-06	7.20E-06	1.27E-05	1.35E-05	1.35E-05	4.72E-06	2.27E-07	1.71E-06	5.51E-07	0.00E+00
Utah	Sanpete County	49039	R	Benzene	5.09E-01	5.09E-01	5.18E-01	5.34E-01	5.32E-01	5.36E-01	5.66E-01	5.66E-01	1.62E-05	2.84E-02	2.11E-02	2.89E-03	4.80E-01
Utah	Sanpete County	49039	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
Utah	Sanpete County	49039	R	Beryllium Compounds	4.16E-08	4.16E-08	1.40E-07	1.47E-07	3.03E-07	5.38E-07	6.50E-07	6.50E-07	2.45E-07	5.54E-08	0.00E+00	2.46E-09	0.00E+00
Utah	Sanpete County	49039	R	1,3-Butadiene	2.25E-03	2.25E-03	4.12E-03	4.31E-03	5.15E-03	6.65E-03	8.40E-03	8.40E-03	0.00E+00	3.34E-03	1.61E-03	1.98E-04	0.00E+00
Utah	Sanpete County	49039	R	Cadmium Compounds	1.03E-07	1.03E-07	3.42E-07	3.55E-07	7.30E-07	1.27E-06	1.58E-06	1.58E-06	6.01E-07	1.27E-07	0.00E+00	2.44E-09	0.00E+00
Utah	Sanpete County	49039	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.71E-02	1.62E-06	3.91E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Sanpete County	49039	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	1.47E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Sanpete County	49039	R	Chloroform	8.33E-02	8.33E-02	8.33E-02	8.35E-02	8.35E-02	8.35E-02	8.40E-02	8.40E-02	3.06E-07	5.25E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Sanpete County	49039	R	Chromium Compounds (includes Hexavalent)	1.65E-06	1.65E-06	2.16E-06	2.45E-06	7.00E-06	7.93E-06	2.08E-05	2.08E-05	5.46E-06	1.58E-07	1.36E-06	2.76E-08	0.00E+00
Utah	Sanpete County	49039	R	Chromium VI	5.64E-07	5.64E-07	6.63E-07	1.08E-06	1.35E-06	1.74E-06	2.72E-06	2.72E-06	7.25E-07	7.38E-08	5.46E-07	9.39E-09	0.00E+00
Utah	Sanpete County	49039	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
Utah	Sanpete County	49039	R	1,4-Dichlorobenzene	5.34E-04	5.34E-04	5.42E-04	9.21E-04	1.06E-03	1.04E-03	2.25E-03	2.25E-03	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	1,3-Dichloropropene	1.07E-03	1.07E-03	1.07E-03	1.85E-03	2.12E-03	2.05E-03	4.55E-03	4.55E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	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	1.91E-09	1.61E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Sanpete County	49039	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	5.40E-07	3.55E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Sanpete County	49039	R	Ethylene Oxide	1.24E-05	1.24E-05	1.53E-05	1.74E-05	2.29E-05	2.32E-05	4.60E-05	4.60E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Formaldehyde	2.84E-01	2.84E-01	3.14E-01	4.37E-01	4.31E-01	5.16E-01	6.04E-01	6.04E-01	7.93E-06	1.68E-01	9.81E-03	2.88E-03	2.50E-01

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

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
Utah	Sanpete County	49039	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	9.31E-05	0.00E+00	7.96E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Sanpete County	49039	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	5.48E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Sanpete County	49039	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
Utah	Sanpete County	49039	R	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-12	6.17E-12	2.61E-11	2.61E-11	0.00E+00	6.46E-12	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Lead Compounds	3.81E-06	3.81E-06	6.15E-06	7.97E-06	1.17E-05	1.92E-05	2.15E-05	2.15E-05	6.25E-06	5.42E-06	0.00E+00	5.58E-08	0.00E+00
Utah	Sanpete County	49039	R	Manganese Compounds	1.08E-06	1.08E-06	3.15E-06	3.39E-06	1.01E-05	1.16E-05	3.15E-05	3.15E-05	9.03E-06	6.51E-07	4.19E-07	4.64E-08	0.00E+00
Utah	Sanpete County	49039	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	9.53E-08	2.74E-07	1.76E-06	4.63E-07	1.50E-03
Utah	Sanpete County	49039	R	Methylene Chloride	1.52E-01	1.52E-01	1.52E-01	1.53E-01	1.55E-01	1.55E-01	1.61E-01	1.61E-01	3.00E-06	4.50E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Sanpete County	49039	R	Nickel Compounds	2.62E-06	2.62E-06	3.36E-06	3.85E-06	8.75E-06	1.32E-05	2.07E-05	2.07E-05	4.94E-06	2.73E-06	1.01E-06	7.03E-08	0.00E+00
Utah	Sanpete County	49039	R	Perchloroethylene	1.40E-01	1.40E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.42E-01	4.97E-07	9.66E-04	0.00E+00	0.00E+00	1.40E-01
Utah	Sanpete County	49039	R	Polychlorinated Biphenyls	3.84E-04	3.84E-04	3.85E-04	3.87E-04	3.89E-04	3.89E-04	3.99E-04	3.99E-04	0.00E+00	8.77E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Sanpete County	49039	R	Polycyclic Organic Matter	1.68E-03	1.68E-03	2.17E-03	3.25E-03	3.18E-03	3.34E-03	5.46E-03	5.46E-03	2.46E-07	2.75E-03	3.96E-04	3.51E-05	0.00E+00
Utah	Sanpete County	49039	R	7-PAH	3.06E-04	3.06E-04	4.30E-04	5.69E-04	5.37E-04	5.96E-04	7.85E-04	7.85E-04	4.74E-09	5.34E-04	2.75E-06	5.41E-07	0.00E+00
Utah	Sanpete County	49039	R	Propylene Dichloride	2.08E-08	2.08E-08	2.58E-07	2.04E-06	1.81E-06	3.15E-06	3.57E-06	3.57E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-10	2.78E-10	1.06E-09	1.06E-09	0.00E+00	2.68E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	1,1,2,2-Tetrachloroethane	2.85E-09	2.85E-09	3.89E-08	1.84E-05	1.57E-05	2.83E-05	3.19E-05	3.19E-05	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sanpete County	49039	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.12E-02	8.15E-02	8.15E-02	0.00E+00	2.16E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Sanpete County	49039	R	Vinyl Chloride	1.94E-08	1.94E-08	1.77E-07	4.52E-05	3.87E-05	6.96E-05	7.87E-05	7.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	R	Acetaldehyde	2.26E-02	2.26E-02	4.32E-02	8.91E-02	7.08E-02	9.10E-02	1.08E-01	1.08E-01	3.25E-06	4.63E-02	2.07E-02	3.88E-03	0.00E+00
Utah	Sevier County	49041	R	Acrolein	1.52E-02	1.52E-02	2.92E-02	3.80E-02	3.27E-02	3.99E-02	4.14E-02	4.14E-02	7.29E-07	2.75E-02	4.66E-03	5.86E-04	0.00E+00
Utah	Sevier County	49041	R	Acrylonitrile	1.25E-06	1.25E-06	1.74E-06	2.12E-06	7.39E-06	1.59E-05	1.60E-05	1.60E-05	0.00E+00	7.39E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	R	Arsenic Compounds	3.24E-06	3.24E-06	6.43E-06	7.53E-06	9.16E-06	1.39E-05	1.47E-05	1.47E-05	1.06E-06	5.27E-07	6.31E-06	1.25E-06	0.00E+00
Utah	Sevier County	49041	R	Benzene	5.23E-01	5.23E-01	5.62E-01	5.97E-01	6.08E-01	6.76E-01	6.80E-01	6.80E-01	3.59E-06	6.12E-02	5.83E-02	8.07E-03	4.80E-01
Utah	Sevier County	49041	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
Utah	Sevier County	49041	R	Beryllium Compounds	7.80E-08	7.80E-08	2.08E-07	2.47E-07	2.93E-07	4.49E-07	4.83E-07	4.83E-07	5.53E-08	1.40E-07	0.00E+00	9.82E-08	0.00E+00
Utah	Sevier County	49041	R	1,3-Butadiene	3.75E-03	3.75E-03	5.10E-03	1.36E-02	1.35E-02	2.24E-02	2.25E-02	2.25E-02	0.00E+00	7.52E-03	5.36E-03	6.00E-04	0.00E+00
Utah	Sevier County	49041	R	Cadmium Compounds	1.89E-07	1.89E-07	2.87E-07	5.63E-07	5.16E-07	7.30E-07	8.10E-07	8.10E-07	1.36E-07	2.82E-07	0.00E+00	9.78E-08	0.00E+00
Utah	Sevier County	49041	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.71E-02	4.72E-02	4.72E-02	4.72E-02	3.59E-07	8.28E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Sevier County	49041	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	2.86E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Sevier County	49041	R	Chloroform	8.32E-02	8.32E-02	8.33E-02	8.34E-02	8.41E-02	8.52E-02	8.52E-02	8.52E-02	0.00E+00	1.07E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Sevier County	49041	R	Chromium Compounds (includes Hexavalent)	1.84E-06	1.84E-06	3.27E-06	4.34E-06	4.72E-06	6.83E-06	7.33E-06	7.33E-06	6.88E-07	3.61E-07	3.58E-06	9.38E-08	0.00E+00
Utah	Sevier County	49041	R	Chromium VI	8.50E-07	8.50E-07	1.33E-06	2.09E-06	1.99E-06	2.72E-06	2.98E-06	2.98E-06	3.85E-07	1.73E-07	1.40E-06	3.19E-08	0.00E+00
Utah	Sevier County	49041	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
Utah	Sevier County	49041	R	1,4-Dichlorobenzene	2.96E-04	2.96E-04	6.52E-04	7.84E-04	1.99E-03	4.08E-03	4.14E-03	4.14E-03	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	R	1,3-Dichloropropene	5.80E-04	5.80E-04	1.31E-03	1.54E-03	4.03E-03	8.31E-03	8.42E-03	8.42E-03	0.00E+00	4.03E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	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
Utah	Sevier County	49041	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	1.10E-07	1.31E-07	0.00E+00	0.00E+00	6.10E-02
Utah	Sevier County	49041	R	Ethylene Oxide	2.80E-06	2.80E-06	7.60E-06	1.52E-05	4.47E-05	9.81E-05	1.00E-04	1.00E-04	0.00E+00	4.47E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	R	Formaldehyde	3.12E-01	3.12E-01	3.62E-01	4.45E-01	4.08E-01	4.58E-01	4.63E-01	4.63E-01	6.70E-07	1.20E-01	3.11E-02	7.13E-03	2.50E-01
Utah	Sevier County	49041	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.31E-05	9.31E-05	9.32E-05	9.33E-05	9.33E-05	0.00E+00	1.43E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Sevier County	49041	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	1.32E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Sevier County	49041	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
Utah	Sevier County	49041	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
Utah	Sevier County	49041	R	Lead Compounds	3.34E-06	3.34E-06	3.36E-06	7.98E-06	1.43E-05	2.79E-05	2.87E-05	2.87E-05	1.12E-06	1.27E-05	0.00E+00	4.72E-07	0.00E+00
Utah	Sevier County	49041	R	Manganese Compounds	1.86E-06	1.86E-06	1.92E-06	4.75E-06	3.86E-06	5.28E-06	5.51E-06	5.51E-06	1.29E-06	1.34E-06	1.12E-06	1.15E-07	0.00E+00
Utah	Sevier County	49041	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	2.29E-07	1.04E-06	7.47E-06	1.15E-06	1.50E-03
Utah	Sevier County	49041	R	Methylene Chloride	1.51E-01	1.51E-01	1.52E-01	1.53E-01	1.58E-01	1.67E-01	1.67E-01	1.67E-01	7.83E-07	8.02E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Sevier County	49041	R	Nickel Compounds	2.45E-06	2.45E-06	3.86E-06	6.41E-06	7.79E-06	1.28E-05	1.34E-05	1.34E-05	7.28E-07	4.11E-06	2.76E-06	1.88E-07	0.00E+00
Utah	Sevier County	49041	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.42E-01	1.43E-01	1.43E-01	1.43E-01	1.16E-07	1.52E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Sevier County	49041	R	Polychlorinated Biphenyls	3.82E-04	3.82E-04	3.85E-04	3.86E-04	3.94E-04	4.08E-04	4.09E-04	4.09E-04	0.00E+00	1.43E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Sevier County	49041	R	Polycyclic Organic Matter	2.24E-03	2.24E-03	4.30E-03	5.64E-03	7.33E-03	1.21E-02	1.23E-02	1.23E-02	5.23E-08	6.00E-03	1.23E-03	1.00E-04	0.00E+00
Utah	Sevier County	49041	R	7-PAH	5.09E-04	5.09E-04	9.29E-04	1.38E-03	1.22E-03	1.61E-03	1.65E-03	1.65E-03	1.07E-09	1.20E-03	9.29E-06	1.60E-06	0.00E+00
Utah	Sevier County	49041	R	Propylene Dichloride	3.73E-08	3.73E-08	5.18E-08	6.31E-08	2.20E-07	4.72E-07	4.75E-07	4.75E-07	0.00E+00	2.20E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	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
Utah	Sevier County	49041	R	1,1,2,2-Tetrachloroethane	5.83E-09	5.83E-09	8.12E-09	9.89E-09	3.44E-08	7.40E-08	7.43E-08	7.43E-08	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Sevier County	49041	R	Trichloroethylene	8.11E-02	8.11E-02	8.11E-02	8.12E-02	8.16E-02	8.24E-02	8.24E-02	8.24E-02	0.00E+00	6.47E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Sevier County	49041	R	Vinyl Chloride	2.15E-08	2.15E-08	3.00E-08	3.65E-08	1.27E-07	2.73E-07	2.75E-07	2.75E-07	0.00E+00	1.27E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Acetaldehyde	6.93E-02	6.93E-02	8.28E-02	1.10E-01	1.21E-01	1.71E-01	1.74E-01	1.74E-01	5.27E-04	8.63E-02	2.32E-02	1.14E-02	0.00E+00
Utah	Summit County	49043	R	Acrolein	1.34E-02	1.34E-02	2.20E-02	2.54E-02	2.58E-02	3.37E-02	3.42E-02	3.42E-02	4.97E-05	1.68E-02	7.10E-03	1.77E-03	0.00E+00
Utah	Summit County	49043	R	Acrylonitrile	2.25E-06	2.25E-06	2.81E-06	4.94E-05	3.41E-05	5.73E-05	5.85E-05	5.85E-05	1.52E-05	1.89E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Arsenic Compounds	2.89E-06	2.89E-06	1.14E-05	1.51E-05	1.34E-05	1.75E-05	2.00E-05	2.00E-05	2.24E-06	1.98E-06	6.22E-06	2.95E-06	0.00E+00
Utah	Summit County	49043	R	Benzene	5.23E-01	5.23E-01	5.71E-01	6.27E-01	6.14E-01	6.72E-01	6.81E-01	6.81E-01	2.34E-03	5.11E-02	6.41E-02	1.70E-02	4.80E-01
Utah	Summit County	49043	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
Utah	Summit County	49043	R	Beryllium Compounds	1.20E-07	1.20E-07	7.02E-07	8.07E-07	7.13E-07	8.26E-07	1.11E-06	1.11E-06	1.56E-07	4.46E-07	0.00E+00	1.11E-07	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Summit County	49043	R	1,3-Butadiene	3.87E-03	3.87E-03	5.85E-03	7.02E-03	8.64E-03	1.14E-02	1.51E-02	1.51E-02	9.77E-06	3.79E-03	3.54E-03	1.30E-03	0.00E+00
Utah	Summit County	49043	R	Cadmium Compounds	2.83E-07	2.83E-07	1.68E-06	1.89E-06	1.61E-06	2.02E-06	2.19E-06	2.19E-06	7.75E-07	7.28E-07	0.00E+00	1.10E-07	0.00E+00
Utah	Summit County	49043	R	Carbon Disulfide	4.70E-02	4.70E-02	4.72E-02	4.75E-02	4.73E-02	4.75E-02	4.75E-02	4.75E-02	1.26E-04	2.01E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Summit County	49043	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	2.78E-08	6.18E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Summit County	49043	R	Chloroform	8.38E-02	8.38E-02	8.45E-02	9.47E-02	9.12E-02	9.64E-02	9.66E-02	9.66E-02	1.62E-07	8.21E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Summit County	49043	R	Chromium Compounds (includes Hexavalent)	1.82E-06	1.82E-06	1.53E-05	2.58E-05	2.03E-05	2.72E-05	3.16E-05	3.16E-05	3.05E-06	1.27E-05	4.32E-06	2.51E-07	0.00E+00
Utah	Summit County	49043	R	Chromium VI	8.62E-07	8.62E-07	5.86E-06	9.54E-06	7.57E-06	1.01E-05	1.15E-05	1.15E-05	1.18E-06	4.58E-06	1.73E-06	8.53E-08	0.00E+00
Utah	Summit County	49043	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
Utah	Summit County	49043	R	1,4-Dichlorobenzene	3.41E-04	3.41E-04	7.63E-04	5.48E-03	3.77E-03	5.93E-03	6.33E-03	6.33E-03	1.39E-06	3.77E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	1,3-Dichloropropene	6.63E-04	6.63E-04	1.44E-03	1.08E-02	7.42E-03	1.17E-02	1.25E-02	1.25E-02	0.00E+00	7.42E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	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	8.48E-09	1.22E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Summit County	49043	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	2.21E-06	1.05E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Summit County	49043	R	Ethylene Oxide	1.56E-06	1.56E-06	1.20E-05	2.29E-04	1.77E-04	2.88E-04	3.57E-04	3.57E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Formaldehyde	3.36E-01	3.36E-01	3.97E-01	4.09E-01	4.09E-01	4.32E-01	4.72E-01	4.72E-01	1.18E-03	1.04E-01	3.38E-02	2.04E-02	2.50E-01
Utah	Summit County	49043	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.32E-05	9.33E-05	9.35E-05	9.35E-05	0.00E+00	2.21E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Summit County	49043	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	2.56E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Summit County	49043	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
Utah	Summit County	49043	R	Hydrazine	4.64E-12	4.64E-12	6.76E-11	5.07E-10	4.49E-10	6.43E-10	1.03E-09	1.03E-09	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Lead Compounds	2.25E-06	2.25E-06	1.18E-05	6.36E-05	4.32E-05	6.39E-05	7.44E-05	7.44E-05	5.05E-06	1.48E-05	0.00E+00	2.34E-05	0.00E+00
Utah	Summit County	49043	R	Manganese Compounds	2.39E-06	2.39E-06	1.67E-05	7.06E-05	5.49E-05	8.66E-05	9.81E-05	9.81E-05	4.93E-06	4.83E-05	1.34E-06	2.77E-07	0.00E+00
Utah	Summit County	49043	R	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.51E-03	1.52E-03	1.52E-03	1.52E-03	7.20E-07	3.99E-06	6.87E-06	2.57E-06	1.50E-03
Utah	Summit County	49043	R	Methylene Chloride	1.51E-01	1.51E-01	1.53E-01	1.74E-01	1.67E-01	1.74E-01	1.82E-01	1.82E-01	3.75E-04	1.63E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Summit County	49043	R	Nickel Compounds	2.13E-06	2.13E-06	1.89E-05	3.43E-05	2.85E-05	4.05E-05	4.67E-05	4.67E-05	5.18E-06	1.97E-05	3.21E-06	4.39E-07	0.00E+00
Utah	Summit County	49043	R	Perchloroethylene	1.41E-01	1.41E-01	1.41E-01	1.51E-01	1.53E-01	1.55E-01	1.77E-01	1.77E-01	5.76E-05	1.28E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Summit County	49043	R	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.84E-04	4.07E-04	4.07E-04	4.15E-04	4.46E-04	4.46E-04	6.21E-10	2.69E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Summit County	49043	R	Polycyclic Organic Matter	2.79E-03	2.79E-03	4.65E-03	9.89E-03	8.63E-03	1.23E-02	1.36E-02	1.36E-02	2.60E-04	6.66E-03	1.35E-03	3.53E-04	0.00E+00
Utah	Summit County	49043	R	7-PAH	5.23E-04	5.23E-04	6.54E-04	6.91E-04	8.73E-04	1.12E-03	1.38E-03	1.38E-03	2.04E-07	8.59E-04	9.87E-06	3.47E-06	0.00E+00
Utah	Summit County	49043	R	Propylene Dichloride	1.11E-07	1.11E-07	1.47E-07	2.43E-06	1.71E-06	2.76E-06	3.09E-06	3.09E-06	9.18E-07	7.89E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Quinoline	1.53E-10	1.53E-10	2.59E-09	1.40E-08	1.12E-08	1.67E-08	2.26E-08	2.26E-08	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	1,1,2,2-Tetrachloroethane	7.22E-07	7.22E-07	7.70E-07	1.48E-05	1.08E-05	1.70E-05	2.08E-05	2.08E-05	8.41E-06	2.41E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Summit County	49043	R	Trichloroethylene	8.11E-02	8.11E-02	8.13E-02	8.46E-02	8.37E-02	8.48E-02	8.66E-02	8.66E-02	1.62E-05	2.68E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Summit County	49043	R	Vinyl Chloride	1.87E-06	1.87E-06	1.91E-06	3.70E-05	2.71E-05	4.24E-05	5.21E-05	5.21E-05	2.07E-05	6.36E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Acetaldehyde	2.51E-02	2.51E-02	6.15E-02	7.58E-02	7.26E-02	9.49E-02	1.10E-01	1.10E-01	1.22E-04	1.55E-02	2.60E-02	3.10E-02	0.00E+00
Utah	Tooele County	49045	U	Acrolein	8.61E-03	8.61E-03	1.43E-02	1.74E-02	1.63E-02	1.97E-02	1.98E-02	1.98E-02	3.34E-05	1.03E-02	3.98E-03	2.00E-03	0.00E+00
Utah	Tooele County	49045	U	Acrylonitrile	6.34E-06	6.34E-06	2.60E-05	4.11E-05	4.77E-05	7.28E-05	9.25E-05	9.25E-05	7.89E-06	3.98E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Arsenic Compounds	1.73E-06	1.73E-06	2.45E-04	6.04E-04	5.33E-04	7.91E-04	8.55E-04	8.55E-04	4.57E-04	6.79E-05	3.34E-06	4.56E-06	0.00E+00
Utah	Tooele County	49045	U	Benzene	5.09E-01	5.09E-01	5.49E-01	6.00E-01	5.90E-01	6.29E-01	6.37E-01	6.37E-01	2.52E-03	3.56E-02	5.65E-02	1.58E-02	4.80E-01
Utah	Tooele County	49045	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
Utah	Tooele County	49045	U	Beryllium Compounds	1.37E-07	1.37E-07	6.62E-07	7.42E-07	7.64E-07	9.87E-07	1.21E-06	1.21E-06	1.22E-07	1.73E-07	0.00E+00	4.69E-07	0.00E+00
Utah	Tooele County	49045	U	1,3-Butadiene	2.79E-03	2.79E-03	3.99E-03	9.17E-03	8.45E-03	1.18E-02	1.20E-02	1.20E-02	2.43E-06	2.41E-03	4.94E-03	1.09E-03	0.00E+00
Utah	Tooele County	49045	U	Cadmium Compounds	1.40E-07	1.40E-07	4.22E-05	1.17E-04	9.54E-05	1.52E-04	1.57E-04	1.57E-04	9.37E-05	1.23E-06	0.00E+00	4.68E-07	0.00E+00
Utah	Tooele County	49045	U	Carbon Disulfide	4.71E-02	4.71E-02	4.72E-02	4.75E-02	4.75E-02	4.79E-02	4.80E-02	4.80E-02	9.61E-05	4.20E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Tooele County	49045	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	1.45E-08	1.08E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Tooele County	49045	U	Chloroform	8.30E-02	8.30E-02	8.40E-02	8.56E-02	8.55E-02	8.70E-02	8.74E-02	8.74E-02	8.42E-08	2.49E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Tooele County	49045	U	Chromium Compounds (includes Hexavalent)	9.57E-07	9.57E-07	3.52E-05	7.87E-05	8.00E-05	1.17E-04	1.83E-04	1.83E-04	6.49E-06	7.01E-05	3.22E-06	2.66E-07	0.00E+00
Utah	Tooele County	49045	U	Chromium VI	3.74E-07	3.74E-07	2.59E-06	8.36E-06	6.61E-06	9.06E-06	1.00E-05	1.00E-05	6.75E-07	4.56E-06	1.28E-06	9.05E-08	0.00E+00
Utah	Tooele County	49045	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
Utah	Tooele County	49045	U	1,4-Dichlorobenzene	5.42E-05	5.42E-05	1.66E-03	7.04E-03	6.69E-03	1.06E-02	1.13E-02	1.13E-02	7.25E-07	6.69E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	1,3-Dichloropropene	1.06E-04	1.06E-04	3.16E-03	1.42E-02	1.35E-02	2.15E-02	2.28E-02	2.28E-02	0.00E+00	1.35E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	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	4.41E-09	1.96E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Tooele County	49045	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	1.59E-06	1.74E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Tooele County	49045	U	Ethylene Oxide	2.63E-07	2.63E-07	2.48E-04	5.23E-04	4.26E-04	5.96E-04	6.75E-04	6.75E-04	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Formaldehyde	2.94E-01	2.94E-01	3.38E-01	3.72E-01	3.65E-01	3.97E-01	4.13E-01	4.13E-01	6.44E-04	4.12E-02	3.22E-02	4.06E-02	2.50E-01
Utah	Tooele County	49045	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.33E-05	9.33E-05	9.34E-05	9.36E-05	9.36E-05	0.00E+00	2.57E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Tooele County	49045	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	5.69E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Tooele County	49045	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
Utah	Tooele County	49045	U	Hydrazine	5.66E-10	5.66E-10	7.26E-10	9.01E-10	1.07E-09	9.75E-10	2.44E-09	2.44E-09	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Lead Compounds	6.64E-07	6.64E-07	8.87E-04	2.31E-03	1.94E-03	2.98E-03	3.17E-03	3.17E-03	1.83E-03	6.11E-05	0.00E+00	4.38E-05	0.00E+00
Utah	Tooele County	49045	U	Manganese Compounds	3.67E-07	3.67E-07	1.03E-04	1.93E-04	2.12E-04	3.04E-04	5.26E-04	5.26E-04	7.62E-06	2.03E-04	1.02E-06	4.03E-07	0.00E+00
Utah	Tooele County	49045	U	Mercury Compounds	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.52E-03	1.53E-03	1.53E-03	1.53E-03	8.12E-07	1.04E-05	2.99E-06	4.33E-06	1.50E-03
Utah	Tooele County	49045	U	Methylene Chloride	1.50E-01	1.50E-01	1.57E-01	1.72E-01	1.75E-01	1.97E-01	2.03E-01	2.03E-01	2.09E-04	2.48E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Tooele County	49045	U	Nickel Compounds	9.34E-07	9.34E-07	7.37E-05	1.45E-04	1.30E-04	1.99E-04	2.08E-04	2.08E-04	2.46E-05	1.02E-04	2.35E-06	6.62E-07	0.00E+00
Utah	Tooele County	49045	U	Perchloroethylene	1.40E-01	1.40E-01	1.42E-01	1.44E-01	1.44E-01	1.46E-01	1.46E-01	1.46E-01	1.03E-04	3.59E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Tooele County	49045	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.83E-04	4.13E-04	4.08E-04	4.26E-04	4.30E-04	4.30E-04	6.65E-10	2.79E-05	0.00E+00	0.00E+00	3.80E-04

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Tooele County	49045	U	Polycyclic Organic Matter	1.01E-03	1.01E-03	3.96E-03	8.80E-03	8.41E-03	1.19E-02	1.38E-02	1.38E-02	2.84E-04	6.66E-03	9.98E-04	4.67E-04	0.00E+00
Utah	Tooele County	49045	U	7-PAH	2.67E-04	2.67E-04	4.22E-04	5.73E-04	5.40E-04	6.26E-04	7.65E-04	7.65E-04	1.96E-07	5.30E-04	5.61E-06	4.44E-06	0.00E+00
Utah	Tooele County	49045	U	Propylene Dichloride	4.78E-07	4.78E-07	1.09E-06	1.91E-06	2.03E-06	2.79E-06	3.69E-06	3.69E-06	4.78E-07	1.56E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Quinoline	8.23E-09	8.23E-09	1.48E-08	2.07E-08	1.81E-08	2.32E-08	2.33E-08	2.33E-08	0.00E+00	1.81E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	1,1,2,2-Tetrachloroethane	3.11E-06	3.11E-06	4.73E-06	7.92E-06	8.55E-06	1.23E-05	1.36E-05	1.36E-05	4.38E-06	4.17E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Tooele County	49045	U	Trichloroethylene	8.10E-02	8.10E-02	8.17E-02	8.26E-02	8.29E-02	8.46E-02	8.52E-02	8.52E-02	8.19E-06	1.88E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Tooele County	49045	U	Vinyl Chloride	8.10E-06	8.10E-06	1.20E-05	2.05E-05	2.18E-05	3.09E-05	3.46E-05	3.46E-05	1.08E-05	1.10E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	Acetaldehyde	1.74E-02	1.74E-02	3.59E-02	4.04E-02	4.91E-02	5.96E-02	9.24E-02	9.24E-02	1.70E-06	2.73E-02	1.83E-02	3.55E-03	0.00E+00
Utah	Uintah County	49047	R	Acrolein	9.42E-03	9.42E-03	1.79E-02	3.36E-02	2.98E-02	4.30E-02	4.54E-02	4.54E-02	3.29E-07	2.50E-02	4.37E-03	5.08E-04	0.00E+00
Utah	Uintah County	49047	R	Acrylonitrile	2.33E-07	2.33E-07	9.73E-07	2.82E-06	1.34E-05	1.78E-05	4.51E-05	4.51E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	Arsenic Compounds	2.03E-06	2.03E-06	2.52E-06	3.98E-06	6.95E-06	6.90E-06	1.93E-05	1.93E-05	7.66E-07	6.60E-07	4.27E-06	1.25E-06	0.00E+00
Utah	Uintah County	49047	R	Benzene	5.00E-01	5.00E-01	5.55E-01	5.67E-01	6.34E-01	6.72E-01	8.77E-01	8.77E-01	2.89E-03	8.45E-02	6.05E-02	6.53E-03	4.80E-01
Utah	Uintah County	49047	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
Utah	Uintah County	49047	R	Beryllium Compounds	3.62E-08	3.62E-08	3.87E-08	1.93E-07	2.27E-07	2.36E-07	6.33E-07	6.33E-07	3.99E-08	1.87E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	1,3-Butadiene	2.21E-03	2.21E-03	5.38E-03	1.10E-02	1.30E-02	1.33E-02	3.34E-02	3.34E-02	0.00E+00	6.88E-03	5.60E-03	5.70E-04	0.00E+00
Utah	Uintah County	49047	R	Cadmium Compounds	1.01E-07	1.01E-07	1.17E-07	4.38E-07	4.35E-07	4.67E-07	1.05E-06	1.05E-06	9.69E-08	3.38E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	Carbon Disulfide	4.70E-02	4.70E-02	4.70E-02	4.70E-02	4.72E-02	4.72E-02	4.75E-02	4.75E-02	2.60E-07	1.50E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Uintah County	49047	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	4.56E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Uintah County	49047	R	Chloroform	8.30E-02	8.30E-02	8.31E-02	8.32E-02	8.37E-02	8.40E-02	8.54E-02	8.54E-02	0.00E+00	7.33E-04	0.00E+00	0.00E+00	8.30E-02
Utah	Uintah County	49047	R	Chromium Compounds (includes Hexavalent)	1.32E-06	1.32E-06	1.36E-06	3.24E-06	4.68E-06	4.92E-06	1.26E-05	1.26E-05	6.53E-07	4.51E-07	3.50E-06	7.51E-08	0.00E+00
Utah	Uintah County	49047	R	Chromium VI	4.02E-07	4.02E-07	5.29E-07	5.29E-07	1.70E-06	1.94E-06	5.11E-06	5.11E-06	7.18E-08	2.20E-07	1.39E-06	2.55E-08	0.00E+00
Utah	Uintah County	49047	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
Utah	Uintah County	49047	R	1,4-Dichlorobenzene	4.46E-05	4.46E-05	8.05E-04	8.55E-04	3.19E-03	3.62E-03	1.06E-02	1.06E-02	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	1,3-Dichloropropene	8.54E-05	8.54E-05	1.62E-03	1.71E-03	6.47E-03	7.24E-03	2.17E-02	2.17E-02	0.00E+00	6.47E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	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
Utah	Uintah County	49047	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	8.00E-08	1.49E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Uintah County	49047	R	Ethylene Oxide	1.38E-07	1.38E-07	4.30E-06	1.14E-05	2.75E-05	3.89E-05	8.28E-05	8.28E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	Formaldehyde	2.97E-01	2.97E-01	3.32E-01	3.95E-01	3.90E-01	4.30E-01	4.95E-01	4.95E-01	3.28E-07	1.05E-01	2.87E-02	6.47E-03	2.50E-01
Utah	Uintah County	49047	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.31E-05	9.33E-05	9.33E-05	9.41E-05	9.41E-05	0.00E+00	3.11E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Uintah County	49047	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	2.40E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Uintah County	49047	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
Utah	Uintah County	49047	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
Utah	Uintah County	49047	R	Lead Compounds	3.31E-06	3.31E-06	4.13E-06	1.16E-05	8.90E-04	2.19E-03	2.24E-03	2.24E-03	8.42E-07	6.43E-06	0.00E+00	8.82E-04	0.00E+00
Utah	Uintah County	49047	R	Manganese Compounds	9.38E-07	9.38E-07	1.16E-06	3.70E-06	4.31E-06	7.08E-06	8.66E-06	8.66E-06	1.48E-06	1.58E-06	1.14E-06	1.08E-07	0.00E+00
Utah	Uintah County	49047	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.52E-03	1.42E-12	6.39E-07	4.23E-06	1.03E-06	1.50E-03
Utah	Uintah County	49047	R	Methylene Chloride	1.50E-01	1.50E-01	1.51E-01	1.53E-01	1.62E-01	1.66E-01	1.92E-01	1.92E-01	4.98E-07	1.25E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Uintah County	49047	R	Nickel Compounds	1.53E-06	1.53E-06	2.76E-06	2.89E-06	1.02E-05	1.17E-05	3.23E-05	3.23E-05	5.23E-07	7.00E-06	2.55E-06	1.68E-07	0.00E+00
Utah	Uintah County	49047	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.42E-01	1.45E-01	1.45E-01	7.38E-08	1.83E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Uintah County	49047	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.83E-04	3.84E-04	4.16E-04	4.19E-04	5.15E-04	5.15E-04	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Uintah County	49047	R	Polycyclic Organic Matter	9.34E-04	9.34E-04	3.57E-03	4.74E-03	8.74E-03	1.15E-02	2.30E-02	2.30E-02	3.80E-08	7.25E-03	1.06E-03	4.28E-04	0.00E+00
Utah	Uintah County	49047	R	7-PAH	3.27E-04	3.27E-04	6.67E-04	1.26E-03	1.18E-03	1.55E-03	2.12E-03	2.12E-03	7.63E-10	1.17E-03	6.81E-06	3.01E-06	0.00E+00
Utah	Uintah County	49047	R	Propylene Dichloride	6.92E-09	6.92E-09	2.90E-08	8.40E-08	3.98E-07	5.29E-07	1.34E-06	1.34E-06	0.00E+00	3.98E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	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
Utah	Uintah County	49047	R	1,1,2,2-Tetrachloroethane	1.08E-09	1.08E-09	4.54E-09	1.32E-08	6.23E-08	8.29E-08	2.10E-07	2.10E-07	0.00E+00	6.23E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Uintah County	49047	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.12E-02	8.18E-02	8.19E-02	8.38E-02	8.38E-02	0.00E+00	7.82E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Uintah County	49047	R	Vinyl Chloride	4.00E-09	4.00E-09	1.68E-08	4.86E-08	2.30E-07	3.06E-07	7.76E-07	7.76E-07	0.00E+00	2.30E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Acetaldehyde	5.45E-02	6.86E-02	1.33E-01	1.66E-01	1.89E-01	2.27E-01	3.25E-01	4.26E-01	1.09E-04	1.14E-02	1.44E-01	3.35E-02	0.00E+00
Utah	Utah County	49049	U	Acrolein	1.72E-02	2.27E-02	3.60E-02	4.20E-02	4.17E-02	4.79E-02	5.85E-02	6.32E-02	1.73E-05	1.36E-02	2.47E-02	3.41E-03	0.00E+00
Utah	Utah County	49049	U	Acrylonitrile	2.76E-05	3.59E-05	1.30E-04	2.81E-04	3.08E-04	3.63E-04	5.63E-04	1.02E-03	2.25E-05	2.86E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Arsenic Compounds	7.03E-06	2.07E-05	4.20E-05	5.45E-05	7.64E-05	9.00E-05	1.80E-04	2.46E-04	1.90E-05	1.84E-05	2.79E-05	1.10E-05	0.00E+00
Utah	Utah County	49049	U	Benzene	5.70E-01	6.78E-01	8.87E-01	9.75E-01	1.03E+00	1.09E+00	1.45E+00	1.56E+00	5.83E-02	4.72E-02	3.84E-01	5.71E-02	4.80E-01
Utah	Utah County	49049	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
Utah	Utah County	49049	U	Beryllium Compounds	4.63E-07	9.84E-07	1.92E-06	3.15E-06	4.74E-06	5.90E-06	1.06E-05	1.63E-05	5.12E-08	4.09E-06	0.00E+00	6.00E-07	0.00E+00
Utah	Utah County	49049	U	1,3-Butadiene	5.45E-03	1.23E-02	2.28E-02	3.39E-02	4.34E-02	5.65E-02	8.86E-02	1.08E-01	1.68E-06	2.36E-03	3.51E-02	5.91E-03	0.00E+00
Utah	Utah County	49049	U	Cadmium Compounds	7.08E-07	1.49E-06	3.34E-06	5.60E-06	1.07E-05	1.16E-05	3.44E-05	4.45E-05	4.28E-06	5.80E-06	0.00E+00	5.99E-07	0.00E+00
Utah	Utah County	49049	U	Carbon Disulfide	4.72E-02	4.72E-02	4.78E-02	4.81E-02	4.92E-02	4.90E-02	5.20E-02	5.84E-02	5.52E-05	2.19E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Utah County	49049	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.80E-01	8.81E-01	8.83E-01	4.12E-08	5.27E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Utah County	49049	U	Chloroform	8.46E-02	8.71E-02	9.29E-02	9.96E-02	1.04E-01	1.10E-01	1.22E-01	1.34E-01	2.40E-07	2.14E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Utah County	49049	U	Chromium Compounds (includes Hexavalent)	2.90E-05	4.27E-05	9.28E-05	1.83E-04	7.63E-04	3.91E-04	8.97E-04	2.07E-03	6.78E-06	7.27E-04	2.85E-05	1.20E-06	0.00E+00
Utah	Utah County	49049	U	Chromium VI	6.50E-06	1.52E-05	3.39E-05	6.40E-05	2.60E-04	1.39E-04	3.11E-04	6.86E-04	5.60E-07	2.48E-04	1.14E-05	4.07E-07	0.00E+00
Utah	Utah County	49049	U	Coke Oven Emissions	6.36E-03	9.30E-03	2.44E-02	4.60E-02	4.95E-02	6.94E-02	8.88E-02	1.14E-01	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	1,4-Dichlorobenzene	2.33E-03	7.14E-03	1.68E-02	2.68E-02	3.39E-02	4.29E-02	5.66E-02	8.06E-02	2.06E-06	3.39E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	1,3-Dichloropropene	4.53E-03	1.44E-02	3.41E-02	5.38E-02	6.88E-02	8.70E-02	1.15E-01	1.65E-01	0.00E+00	6.88E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	1.26E-08	2.13E-07	0.00E+00	0.00E+00	7.70E-03

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Utah County	49049	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	2.89E-06	2.31E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Utah County	49049	U	Ethylene Oxide	3.75E-05	7.17E-05	2.37E-04	6.33E-04	6.89E-04	1.01E-03	1.39E-03	1.49E-03	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Formaldehyde	3.28E-01	3.80E-01	4.70E-01	5.13E-01	5.43E-01	5.92E-01	7.61E-01	8.37E-01	6.20E-04	4.30E-02	1.86E-01	6.26E-02	2.50E-01
Utah	Utah County	49049	U	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	2.79E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Utah County	49049	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	2.58E-07	0.00E+00	0.00E+00	1.80E-03
Utah	Utah County	49049	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
Utah	Utah County	49049	U	Hydrazine	2.37E-09	4.63E-09	1.36E-08	2.92E-08	4.85E-08	6.65E-08	9.23E-08	1.16E-07	0.00E+00	4.85E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Lead Compounds	1.16E-04	2.11E-04	5.09E-04	9.41E-04	1.17E-03	1.45E-03	1.88E-03	2.41E-03	3.60E-04	1.04E-04	0.00E+00	7.11E-04	0.00E+00
Utah	Utah County	49049	U	Manganese Compounds	8.20E-05	1.14E-04	2.00E-04	8.27E-04	1.69E-03	1.50E-03	2.75E-03	3.36E-03	7.34E-06	1.67E-03	9.27E-06	1.11E-06	0.00E+00
Utah	Utah County	49049	U	Mercury Compounds	1.51E-03	1.51E-03	1.53E-03	1.54E-03	1.55E-03	1.56E-03	1.59E-03	1.60E-03	2.32E-07	1.42E-05	2.35E-05	9.40E-06	1.50E-03
Utah	Utah County	49049	U	Methylene Chloride	1.59E-01	1.67E-01	2.07E-01	2.66E-01	3.02E-01	3.45E-01	4.87E-01	5.99E-01	3.67E-04	1.51E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Utah County	49049	U	Nickel Compounds	2.91E-05	5.11E-05	1.25E-04	1.99E-04	3.26E-04	3.03E-04	4.13E-04	5.29E-04	7.60E-06	2.95E-04	2.10E-05	1.90E-06	0.00E+00
Utah	Utah County	49049	U	Perchloroethylene	1.43E-01	1.45E-01	1.56E-01	1.67E-01	1.70E-01	1.82E-01	1.96E-01	2.11E-01	5.97E-05	3.00E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Utah County	49049	U	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.81E-04	3.81E-04	3.81E-04	1.93E-10	4.28E-07	0.00E+00	0.00E+00	3.80E-04
Utah	Utah County	49049	U	Polycyclic Organic Matter	5.96E-03	1.62E-02	3.10E-02	4.56E-02	5.22E-02	6.31E-02	1.04E-01	1.27E-01	7.33E-05	4.27E-02	8.18E-03	1.20E-03	0.00E+00
Utah	Utah County	49049	U	7-PAH	2.70E-04	2.86E-04	3.65E-04	5.19E-04	5.13E-04	6.10E-04	7.26E-04	8.18E-04	6.81E-08	4.50E-04	5.02E-05	1.29E-05	0.00E+00
Utah	Utah County	49049	U	Propylene Dichloride	1.61E-06	2.53E-06	7.78E-06	1.57E-05	1.53E-05	1.97E-05	2.37E-05	3.47E-05	1.36E-06	1.40E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Quinoline	2.07E-08	2.59E-08	8.42E-08	1.30E-07	1.70E-07	2.29E-07	3.00E-07	3.69E-07	0.00E+00	1.70E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	1,1,2,2-Tetrachloroethane	1.10E-05	1.41E-05	4.47E-05	9.75E-05	8.82E-05	1.23E-04	1.51E-04	1.69E-04	1.25E-05	7.57E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Utah County	49049	U	Trichloroethylene	8.20E-02	8.30E-02	8.72E-02	9.29E-02	9.75E-02	1.04E-01	1.15E-01	1.24E-01	2.40E-05	1.65E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Utah County	49049	U	Vinyl Chloride	2.87E-05	3.74E-05	1.23E-04	2.47E-04	2.23E-04	3.08E-04	3.76E-04	4.20E-04	3.07E-05	1.92E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Acetaldehyde	1.97E-01	1.97E-01	2.30E-01	2.85E-01	2.69E-01	3.09E-01	3.10E-01	3.10E-01	1.62E-04	2.34E-01	2.78E-02	7.90E-03	0.00E+00
Utah	Wasatch County	49051	R	Acrolein	8.37E-03	8.37E-03	9.62E-03	1.64E-02	1.87E-02	2.78E-02	3.38E-02	3.38E-02	5.05E-08	1.34E-02	4.61E-03	7.07E-04	0.00E+00
Utah	Wasatch County	49051	R	Acrylonitrile	3.63E-06	3.63E-06	5.43E-06	2.30E-05	2.48E-05	4.42E-05	4.96E-05	4.96E-05	5.52E-06	1.93E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Arsenic Compounds	2.35E-07	2.35E-07	2.91E-07	2.76E-06	1.04E-05	2.05E-05	3.57E-05	3.57E-05	6.88E-08	3.18E-07	7.83E-06	2.16E-06	0.00E+00
Utah	Wasatch County	49051	R	Benzene	5.05E-01	5.05E-01	5.05E-01	5.43E-01	6.17E-01	7.29E-01	8.76E-01	8.76E-01	7.41E-03	3.99E-02	8.11E-02	8.31E-03	4.80E-01
Utah	Wasatch County	49051	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
Utah	Wasatch County	49051	R	Beryllium Compounds	6.92E-09	6.92E-09	9.08E-08	2.06E-07	2.16E-07	3.42E-07	4.45E-07	4.45E-07	3.66E-09	8.91E-08	0.00E+00	1.23E-07	0.00E+00
Utah	Wasatch County	49051	R	1,3-Butadiene	2.62E-03	2.62E-03	2.85E-03	5.75E-03	1.34E-02	2.39E-02	3.94E-02	3.94E-02	0.00E+00	4.01E-03	8.75E-03	6.23E-04	0.00E+00
Utah	Wasatch County	49051	R	Cadmium Compounds	1.10E-08	1.10E-08	1.78E-07	3.95E-07	3.18E-07	4.58E-07	4.70E-07	4.70E-07	9.19E-09	1.85E-07	0.00E+00	1.23E-07	0.00E+00
Utah	Wasatch County	49051	R	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	7.52E-07	5.13E-05	0.00E+00	0.00E+00	4.70E-02
Utah	Wasatch County	49051	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	1.01E-08	1.98E-05	0.00E+00	0.00E+00	8.80E-01
Utah	Wasatch County	49051	R	Chloroform	8.30E-02	8.30E-02	8.30E-02	8.41E-02	8.69E-02	9.08E-02	9.64E-02	9.64E-02	5.89E-08	3.89E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Wasatch County	49051	R	Chromium Compounds (includes Hexavalent)	2.04E-07	2.04E-07	2.24E-07	6.19E-06	1.16E-05	2.30E-05	3.39E-05	3.39E-05	9.89E-08	5.78E-06	5.62E-06	1.17E-07	0.00E+00
Utah	Wasatch County	49051	R	Chromium VI	8.07E-08	8.07E-08	8.51E-08	2.23E-06	4.33E-06	8.58E-06	1.28E-05	1.28E-05	2.74E-08	2.02E-06	2.25E-06	3.98E-08	0.00E+00
Utah	Wasatch County	49051	R	Coke Oven Emissions	1.66E-03	1.66E-03	2.47E-03	5.85E-03	6.38E-03	1.03E-02	1.22E-02	1.22E-02	6.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	1,4-Dichlorobenzene	9.34E-06	9.34E-06	3.74E-05	8.94E-04	3.22E-03	6.40E-03	1.11E-02	1.11E-02	5.07E-07	3.22E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	1,3-Dichloropropene	1.71E-05	1.71E-05	6.77E-05	1.70E-03	6.44E-03	1.28E-02	2.24E-02	2.24E-02	0.00E+00	6.44E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	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	3.09E-09	1.12E-08	0.00E+00	0.00E+00	7.70E-03
Utah	Wasatch County	49051	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	6.75E-07	2.20E-06	0.00E+00	0.00E+00	6.10E-02
Utah	Wasatch County	49051	R	Ethylene Oxide	1.75E-07	1.75E-07	5.90E-07	1.49E-05	1.63E-05	3.20E-05	3.51E-05	3.51E-05	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Formaldehyde	3.89E-01	3.89E-01	3.99E-01	4.12E-01	4.48E-01	4.97E-01	5.80E-01	5.80E-01	2.21E-04	1.42E-01	4.26E-02	1.32E-02	2.50E-01
Utah	Wasatch County	49051	R	Hexachlorobenzene	9.30E-05	9.30E-05	9.30E-05	9.30E-05	9.32E-05	9.34E-05	9.37E-05	9.37E-05	0.00E+00	2.01E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Wasatch County	49051	R	Hexachlorobutadiene	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	1.80E-03	0.00E+00	6.28E-09	0.00E+00	0.00E+00	1.80E-03
Utah	Wasatch County	49051	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
Utah	Wasatch County	49051	R	Hydrazine	2.15E-12	2.15E-12	5.28E-12	7.41E-11	8.88E-11	1.72E-10	2.05E-10	2.05E-10	0.00E+00	8.88E-11	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Lead Compounds	2.64E-07	2.64E-07	8.88E-07	4.30E-05	4.36E-05	8.62E-05	8.80E-05	8.80E-05	2.78E-06	4.24E-06	0.00E+00	3.65E-05	0.00E+00
Utah	Wasatch County	49051	R	Manganese Compounds	8.46E-08	8.46E-08	9.40E-08	2.96E-05	3.84E-05	7.67E-05	9.43E-05	9.43E-05	1.37E-07	3.63E-05	1.82E-06	1.87E-07	0.00E+00
Utah	Wasatch County	49051	R	Mercury Compounds	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.51E-03	1.52E-03	1.54E-03	1.54E-03	1.75E-08	3.14E-07	8.37E-06	1.93E-06	1.50E-03
Utah	Wasatch County	49051	R	Methylene Chloride	1.50E-01	1.50E-01	1.50E-01	1.54E-01	1.56E-01	1.61E-01	1.65E-01	1.65E-01	6.79E-05	5.61E-03	0.00E+00	0.00E+00	1.50E-01
Utah	Wasatch County	49051	R	Nickel Compounds	2.70E-07	2.70E-07	3.17E-07	5.15E-06	1.00E-05	1.97E-05	2.94E-05	2.94E-05	9.60E-08	5.38E-06	4.22E-06	2.98E-07	0.00E+00
Utah	Wasatch County	49051	R	Perchloroethylene	1.40E-01	1.40E-01	1.40E-01	1.41E-01	1.42E-01	1.44E-01	1.46E-01	1.46E-01	1.07E-05	2.20E-03	0.00E+00	0.00E+00	1.40E-01
Utah	Wasatch County	49051	R	Polychlorinated Biphenyls	3.80E-04	3.80E-04	3.80E-04	3.83E-04	4.03E-04	4.27E-04	4.68E-04	4.68E-04	0.00E+00	2.33E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Wasatch County	49051	R	Polycyclic Organic Matter	1.02E-03	1.02E-03	1.11E-03	3.97E-03	7.28E-03	1.34E-02	2.02E-02	2.02E-02	2.66E-07	5.45E-03	1.67E-03	1.56E-04	0.00E+00
Utah	Wasatch County	49051	R	7-PAH	3.15E-04	3.15E-04	3.45E-04	5.96E-04	7.06E-04	1.07E-03	1.32E-03	1.32E-03	7.69E-11	6.92E-04	1.22E-05	1.82E-06	0.00E+00
Utah	Wasatch County	49051	R	Propylene Dichloride	2.20E-07	2.20E-07	3.29E-07	1.30E-06	1.42E-06	2.50E-06	2.84E-06	2.84E-06	3.34E-07	1.08E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Quinoline	8.38E-11	8.38E-11	1.79E-10	2.35E-09	2.76E-09	5.33E-09	6.25E-09	6.25E-09	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	1,1,2,2-Tetrachloroethane	2.01E-06	2.01E-06	2.99E-06	1.07E-05	1.18E-05	2.06E-05	2.36E-05	2.36E-05	3.06E-06	8.72E-06	0.00E+00	0.00E+00	0.00E+00
Utah	Wasatch County	49051	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.14E-02	8.15E-02	8.19E-02	8.21E-02	8.21E-02	5.85E-06	4.60E-04	0.00E+00	0.00E+00	8.10E-02
Utah	Wasatch County	49051	R	Vinyl Chloride	4.95E-06	4.95E-06	7.36E-06	2.66E-05	2.91E-05	5.09E-05	5.85E-05	5.85E-05	7.54E-06	2.16E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Acetaldehyde	2.65E-02	3.17E-02	6.29E-02	9.39E-02	1.18E-01	1.38E-01	2.61E-01	3.31E-01	0.00E+00	1.18E-02	7.77E-02	2.88E-02	0.00E+00
Utah	Washington County	49053	U	Acrolein	1.52E-02	1.88E-02	2.39E-02	3.02E-02	3.35E-02	3.98E-02	5.27E-02	6.23E-02	0.00E+00	1.46E-02	1.53E-02	3.61E-03	0.00E+00
Utah	Washington County	49053	U	Acrylonitrile	2.54E-05	2.63E-05	6.03E-05	1.04E-04	2.32E-04	3.25E-04	8.56E-04	1.08E-03	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Arsenic Compounds	2.53E-06	6.93E-06	9.63E-06	1.99E-05	3.22E-05	3.92E-05	8.35E-05	1.18E-04	0.00E+00	2.77E-06	2.18E-05	7.57E-06	0.00E+00

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Washington County	49053	U	Benzene	5.52E-01	5.84E-01	6.37E-01	7.29E-01	8.61E-01	9.31E-01	1.49E+00	1.75E+00	0.00E+00	5.04E-02	2.45E-01	8.60E-02	4.80E-01
Utah	Washington County	49053	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
Utah	Washington County	49053	U	Beryllium Compounds	1.10E-07	1.34E-07	2.50E-07	4.00E-07	8.96E-07	1.50E-06	3.15E-06	3.72E-06	0.00E+00	8.93E-07	0.00E+00	3.10E-09	0.00E+00
Utah	Washington County	49053	U	1,3-Butadiene	6.86E-03	8.17E-03	1.31E-02	2.15E-02	3.98E-02	4.67E-02	1.12E-01	1.56E-01	0.00E+00	3.28E-03	2.65E-02	1.01E-02	0.00E+00
Utah	Washington County	49053	U	Cadmium Compounds	1.75E-07	1.88E-07	4.21E-07	5.91E-07	1.25E-06	2.17E-06	4.14E-06	4.78E-06	0.00E+00	1.24E-06	0.00E+00	3.06E-09	0.00E+00
Utah	Washington County	49053	U	Carbon Disulfide	4.71E-02	4.71E-02	4.71E-02	4.73E-02	4.75E-02	4.80E-02	4.89E-02	4.89E-02	0.00E+00	5.32E-04	0.00E+00	0.00E+00	4.70E-02
Utah	Washington County	49053	U	Carbon Tetrachloride	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.80E-01	8.81E-01	8.81E-01	0.00E+00	1.64E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Washington County	49053	U	Chloroform	8.35E-02	8.36E-02	8.51E-02	8.71E-02	8.84E-02	9.11E-02	9.70E-02	9.84E-02	0.00E+00	5.44E-03	0.00E+00	0.00E+00	8.30E-02
Utah	Washington County	49053	U	Chromium Compounds (includes Hexavalent)	1.54E-06	4.10E-06	5.76E-06	1.12E-05	1.74E-05	1.90E-05	4.54E-05	6.50E-05	0.00E+00	1.90E-06	1.43E-05	1.28E-06	0.00E+00
Utah	Washington County	49053	U	Chromium VI	6.18E-07	1.67E-06	2.29E-06	4.51E-06	7.07E-06	8.00E-06	1.86E-05	2.64E-05	0.00E+00	9.94E-07	5.65E-06	4.35E-07	0.00E+00
Utah	Washington County	49053	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
Utah	Washington County	49053	U	1,4-Dichlorobenzene	1.13E-03	1.32E-03	5.59E-03	1.08E-02	1.37E-02	2.03E-02	3.37E-02	3.69E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	1,3-Dichloropropene	2.14E-03	2.58E-03	1.11E-02	2.20E-02	2.79E-02	4.13E-02	6.87E-02	7.53E-02	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	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	1.04E-07	0.00E+00	0.00E+00	7.70E-03
Utah	Washington County	49053	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.11E-02	0.00E+00	2.48E-05	0.00E+00	0.00E+00	6.10E-02
Utah	Washington County	49053	U	Ethylene Oxide	1.42E-05	1.54E-05	4.25E-05	6.44E-05	1.74E-04	1.40E-04	8.25E-04	1.06E-03	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Formaldehyde	3.22E-01	3.45E-01	3.90E-01	4.44E-01	4.85E-01	5.03E-01	7.42E-01	9.18E-01	0.00E+00	5.37E-02	1.28E-01	5.34E-02	2.50E-01
Utah	Washington County	49053	U	Hexachlorobenzene	9.30E-05	9.30E-05	9.31E-05	9.32E-05	9.33E-05	9.34E-05	9.37E-05	9.44E-05	0.00E+00	3.16E-07	0.00E+00	0.00E+00	9.30E-05
Utah	Washington County	49053	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	8.12E-08	0.00E+00	0.00E+00	1.80E-03
Utah	Washington County	49053	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
Utah	Washington County	49053	U	Hydrazine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-15	0.00E+00	1.13E-14	1.13E-14	0.00E+00	1.89E-15	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Lead Compounds	3.58E-05	4.53E-05	6.96E-05	4.59E-04	1.05E-03	9.71E-04	4.81E-03	5.78E-03	0.00E+00	4.01E-05	0.00E+00	1.01E-03	0.00E+00
Utah	Washington County	49053	U	Manganese Compounds	9.01E-07	2.15E-06	3.34E-06	6.57E-06	1.04E-05	1.61E-05	2.93E-05	3.77E-05	0.00E+00	4.83E-06	4.75E-06	8.66E-07	0.00E+00
Utah	Washington County	49053	U	Mercury Compounds	1.50E-03	1.51E-03	1.51E-03	1.52E-03	1.53E-03	1.54E-03	1.59E-03	1.63E-03	0.00E+00	4.09E-06	2.47E-05	5.63E-06	1.50E-03
Utah	Washington County	49053	U	Methylene Chloride	1.54E-01	1.55E-01	1.63E-01	1.73E-01	1.96E-01	2.34E-01	3.07E-01	3.10E-01	0.00E+00	4.60E-02	0.00E+00	0.00E+00	1.50E-01
Utah	Washington County	49053	U	Nickel Compounds	3.46E-06	6.46E-06	1.28E-05	2.42E-05	4.21E-05	7.93E-05	1.11E-04	1.39E-04	0.00E+00	2.98E-05	1.07E-05	1.53E-06	0.00E+00
Utah	Washington County	49053	U	Perchloroethylene	1.41E-01	1.42E-01	1.47E-01	1.51E-01	1.52E-01	1.57E-01	1.64E-01	1.64E-01	0.00E+00	1.19E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Washington County	49053	U	Polychlorinated Biphenyls	3.83E-04	3.83E-04	3.90E-04	4.02E-04	4.17E-04	4.29E-04	4.68E-04	5.57E-04	0.00E+00	3.70E-05	0.00E+00	0.00E+00	3.80E-04
Utah	Washington County	49053	U	Polycyclic Organic Matter	3.45E-03	5.54E-03	7.19E-03	1.47E-02	1.79E-02	2.32E-02	4.66E-02	4.99E-02	0.00E+00	1.13E-02	4.68E-03	1.93E-03	0.00E+00
Utah	Washington County	49053	U	7-PAH	3.44E-04	4.07E-04	4.55E-04	6.50E-04	7.42E-04	9.32E-04	1.31E-03	1.41E-03	0.00E+00	6.88E-04	3.41E-05	2.04E-05	0.00E+00
Utah	Washington County	49053	U	Propylene Dichloride	1.31E-06	1.44E-06	3.27E-06	5.77E-06	1.26E-05	1.59E-05	4.93E-05	6.48E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Quinoline	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-14	0.00E+00	7.73E-14	7.73E-14	0.00E+00	1.29E-14	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	1,1,2,2-Tetrachloroethane	1.00E-05	1.19E-05	2.67E-05	4.72E-05	1.04E-04	1.01E-04	4.31E-04	5.88E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Washington County	49053	U	Trichloroethylene	8.14E-02	8.14E-02	8.20E-02	8.29E-02	8.53E-02	8.94E-02	9.61E-02	9.63E-02	0.00E+00	4.30E-03	0.00E+00	0.00E+00	8.10E-02
Utah	Washington County	49053	U	Vinyl Chloride	2.47E-05	2.93E-05	6.58E-05	1.16E-04	2.56E-04	2.50E-04	1.06E-03	1.45E-03	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	Acetaldehyde	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	0.00E+00	1.11E-02	6.21E-04	3.27E-04	0.00E+00
Utah	Wayne County	49055	R	Acrolein	8.85E-03	8.85E-03	8.85E-03	8.85E-03	8.85E-03	8.85E-03	8.85E-03	8.85E-03	0.00E+00	8.67E-03	1.51E-04	3.59E-05	0.00E+00
Utah	Wayne County	49055	R	Acrylonitrile	1.63E-07	1.63E-07	1.63E-07	1.63E-07	1.63E-07	1.63E-07	1.63E-07	1.63E-07	0.00E+00	1.63E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	Arsenic Compounds	2.07E-07	2.07E-07	2.07E-07	2.07E-07	2.07E-07	2.07E-07	2.07E-07	2.07E-07	0.00E+00	1.19E-08	1.27E-07	6.86E-08	0.00E+00
Utah	Wayne County	49055	R	Benzene	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	4.98E-01	0.00E+00	1.57E-02	1.67E-03	6.81E-04	4.80E-01
Utah	Wayne County	49055	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
Utah	Wayne County	49055	R	Beryllium Compounds	2.85E-09	2.85E-09	2.85E-09	2.85E-09	2.85E-09	2.85E-09	2.85E-09	2.85E-09	0.00E+00	2.85E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	1,3-Butadiene	2.66E-03	2.66E-03	2.66E-03	2.66E-03	2.66E-03	2.66E-03	2.66E-03	2.66E-03	0.00E+00	2.50E-03	1.22E-04	3.50E-05	0.00E+00
Utah	Wayne County	49055	R	Cadmium Compounds	6.72E-09	6.72E-09	6.72E-09	6.72E-09	6.72E-09	6.72E-09	6.72E-09	6.72E-09	0.00E+00	6.72E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	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	1.82E-06	0.00E+00	0.00E+00	4.70E-02
Utah	Wayne County	49055	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	7.88E-07	0.00E+00	0.00E+00	8.80E-01
Utah	Wayne County	49055	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	3.29E-06	0.00E+00	0.00E+00	8.30E-02
Utah	Wayne County	49055	R	Chromium Compounds (includes Hexavalent)	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	1.18E-07	0.00E+00	8.17E-09	1.06E-07	4.25E-09	0.00E+00
Utah	Wayne County	49055	R	Chromium VI	4.79E-08	4.79E-08	4.79E-08	4.79E-08	4.79E-08	4.79E-08	4.79E-08	4.79E-08	0.00E+00	3.88E-09	4.26E-08	1.45E-09	0.00E+00
Utah	Wayne County	49055	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
Utah	Wayne County	49055	R	1,4-Dichlorobenzene	4.57E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	1,3-Dichloropropene	9.13E-05	9.13E-05	9.13E-05	9.13E-05	9.13E-05	9.13E-05	9.13E-05	9.13E-05	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	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
Utah	Wayne County	49055	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	3.07E-09	0.00E+00	0.00E+00	6.10E-02
Utah	Wayne County	49055	R	Ethylene Oxide	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	9.34E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	Formaldehyde	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	2.91E-01	0.00E+00	3.94E-02	8.15E-04	4.07E-04	2.50E-01
Utah	Wayne County	49055	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	7.61E-09	0.00E+00	0.00E+00	9.30E-05
Utah	Wayne County	49055	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	2.91E-10	0.00E+00	0.00E+00	1.80E-03
Utah	Wayne County	49055	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
Utah	Wayne County	49055	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
Utah	Wayne County	49055	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	1.78E-08	0.00E+00	5.64E-09	0.00E+00
Utah	Wayne County	49055	R	Manganese Compounds	7.49E-08	7.49E-08	7.49E-08	7.49E-08	7.49E-08	7.49E-08	7.49E-08	7.49E-08	0.00E+00	3.68E-08	3.22E-08	5.98E-09	0.00E+00
Utah	Wayne County	49055	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	6.57E-09	1.27E-07	5.71E-08	1.50E-03
Utah	Wayne County	49055	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	1.73E-04	0.00E+00	0.00E+00	1.50E-01

DRAFT FOR REVIEW ONLY

Estimated Annual Average Ambient Concentrations µg/m3 for Utah

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
Utah	Wayne County	49055	R	Nickel Compounds	2.21E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07	2.21E-07	0.00E+00	1.29E-07	8.26E-08	9.04E-09	0.00E+00
Utah	Wayne County	49055	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	2.02E-05	0.00E+00	0.00E+00	1.40E-01
Utah	Wayne County	49055	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	5.28E-07	0.00E+00	0.00E+00	3.80E-04
Utah	Wayne County	49055	R	Polycyclic Organic Matter	9.35E-04	9.35E-04	9.35E-04	9.35E-04	9.35E-04	9.35E-04	9.35E-04	9.35E-04	0.00E+00	8.98E-04	3.17E-05	5.25E-06	0.00E+00
Utah	Wayne County	49055	R	7-PAH	3.43E-04	3.43E-04	3.43E-04	3.43E-04	3.43E-04	3.43E-04	3.43E-04	3.43E-04	0.00E+00	3.43E-04	1.69E-07	7.21E-08	0.00E+00
Utah	Wayne County	49055	R	Propylene Dichloride	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	4.84E-09	0.00E+00	4.84E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	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
Utah	Wayne County	49055	R	1,1,2,2-Tetrachloroethane	7.57E-10	7.57E-10	7.57E-10	7.57E-10	7.57E-10	7.57E-10	7.57E-10	7.57E-10	0.00E+00	7.57E-10	0.00E+00	0.00E+00	0.00E+00
Utah	Wayne County	49055	R	Trichloroethylene	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	8.10E-02	0.00E+00	1.27E-05	0.00E+00	0.00E+00	8.10E-02
Utah	Wayne County	49055	R	Vinyl Chloride	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	2.80E-09	0.00E+00	2.80E-09	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Acetaldehyde	1.17E-01	1.49E-01	1.95E-01	2.62E-01	3.03E-01	3.36E-01	5.05E-01	6.93E-01	4.14E-04	6.77E-02	1.71E-01	6.46E-02	0.00E+00
Utah	Weber County	49057	U	Acrolein	3.42E-02	4.33E-02	5.13E-02	5.97E-02	6.22E-02	6.90E-02	9.00E-02	9.65E-02	3.89E-04	1.41E-02	3.99E-02	7.76E-03	0.00E+00
Utah	Weber County	49057	U	Acrylonitrile	1.87E-04	2.43E-04	3.14E-04	1.06E-03	3.54E-03	2.18E-03	4.49E-03	1.22E-02	0.00E+00	3.54E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Arsenic Compounds	3.12E-05	3.82E-05	4.92E-05	7.43E-05	7.70E-05	8.84E-05	1.24E-04	1.51E-04	5.50E-06	2.54E-05	3.45E-05	1.17E-05	0.00E+00
Utah	Weber County	49057	U	Benzene	7.99E-01	8.13E-01	9.32E-01	1.09E+00	1.16E+00	1.20E+00	1.67E+00	1.95E+00	2.20E-02	6.01E-02	5.00E-01	1.01E-01	4.80E-01
Utah	Weber County	49057	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
Utah	Weber County	49057	U	Beryllium Compounds	2.20E-06	2.70E-06	3.54E-06	5.11E-06	5.94E-06	7.16E-06	9.62E-06	1.44E-05	5.89E-07	3.31E-06	0.00E+00	2.04E-06	0.00E+00
Utah	Weber County	49057	U	1,3-Butadiene	1.44E-02	1.53E-02	2.43E-02	3.85E-02	4.98E-02	5.40E-02	1.01E-01	1.42E-01	5.99E-05	1.48E-03	3.87E-02	9.61E-03	0.00E+00
Utah	Weber County	49057	U	Cadmium Compounds	1.09E-05	1.47E-05	1.99E-05	2.98E-05	3.22E-05	4.45E-05	5.41E-05	5.97E-05	1.79E-05	1.22E-05	0.00E+00	2.03E-06	0.00E+00
Utah	Weber County	49057	U	Carbon Disulfide	4.75E-02	4.80E-02	4.86E-02	4.92E-02	4.96E-02	4.99E-02	5.06E-02	5.22E-02	8.18E-04	1.77E-03	0.00E+00	0.00E+00	4.70E-02
Utah	Weber County	49057	U	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	0.00E+00	3.89E-04	0.00E+00	0.00E+00	8.80E-01
Utah	Weber County	49057	U	Chloroform	9.38E-02	9.78E-02	1.07E-01	1.11E-01	1.11E-01	1.16E-01	1.26E-01	1.29E-01	0.00E+00	2.85E-02	0.00E+00	0.00E+00	8.30E-02
Utah	Weber County	49057	U	Chromium Compounds (includes Hexavalent)	2.78E-02	3.02E-02	3.77E-02	5.20E-02	9.39E-02	8.33E-02	2.61E-01	3.28E-01	9.38E-02	7.50E-05	3.39E-05	1.73E-06	0.00E+00
Utah	Weber County	49057	U	Chromium VI	4.67E-04	5.10E-04	6.52E-04	8.64E-04	1.55E-03	1.35E-03	4.21E-03	5.30E-03	1.51E-03	2.59E-05	1.35E-05	5.89E-07	0.00E+00
Utah	Weber County	49057	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
Utah	Weber County	49057	U	1,4-Dichlorobenzene	1.09E-02	1.53E-02	2.48E-02	3.07E-02	3.07E-02	3.57E-02	4.63E-02	5.08E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	1,3-Dichloropropene	2.16E-02	3.00E-02	4.95E-02	6.07E-02	6.14E-02	7.24E-02	9.37E-02	1.00E-01	0.00E+00	6.14E-02	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Ethylene Dibromide	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.71E-03	0.00E+00	2.08E-06	0.00E+00	0.00E+00	7.70E-03
Utah	Weber County	49057	U	Ethylene Dichloride	6.10E-02	6.10E-02	6.10E-02	6.11E-02	6.14E-02	6.13E-02	6.15E-02	6.25E-02	3.15E-07	4.26E-04	0.00E+00	0.00E+00	6.10E-02
Utah	Weber County	49057	U	Ethylene Oxide	2.15E-04	2.64E-04	5.28E-04	1.73E-03	1.60E-03	2.01E-03	2.35E-03	3.06E-03	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Formaldehyde	4.37E-01	4.51E-01	5.24E-01	6.12E-01	6.57E-01	6.86E-01	9.26E-01	1.10E+00	9.73E-04	6.90E-02	2.36E-01	1.01E-01	2.50E-01
Utah	Weber County	49057	U	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	3.24E-08	0.00E+00	0.00E+00	9.30E-05
Utah	Weber County	49057	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	1.25E-07	0.00E+00	0.00E+00	1.80E-03
Utah	Weber County	49057	U	Hexamethylene Diisocyanate	6.14E-08	1.23E-07	2.16E-07	3.54E-07	4.64E-07	4.54E-07	6.56E-07	8.16E-07	0.00E+00	4.64E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Hydrazine	4.03E-09	5.16E-09	6.61E-09	1.56E-08	4.85E-08	2.94E-08	6.50E-08	2.10E-07	0.00E+00	4.85E-08	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Lead Compounds	4.99E-04	5.35E-04	6.90E-04	9.86E-04	1.75E-03	1.59E-03	2.21E-03	2.37E-03	2.00E-04	1.67E-04	0.00E+00	1.39E-03	0.00E+00
Utah	Weber County	49057	U	Manganese Compounds	9.02E-02	9.81E-02	1.23E-01	1.68E-01	3.06E-01	2.70E-01	8.54E-01	1.07E+00	3.06E-01	3.38E-04	1.08E-05	1.33E-06	0.00E+00
Utah	Weber County	49057	U	Mercury Compounds	1.56E-03	1.58E-03	1.62E-03	1.65E-03	1.67E-03	1.72E-03	1.78E-03	1.81E-03	7.68E-05	4.96E-05	3.01E-05	1.15E-05	1.50E-03
Utah	Weber County	49057	U	Methylene Chloride	2.15E-01	2.35E-01	2.65E-01	3.09E-01	3.57E-01	4.12E-01	4.84E-01	6.15E-01	4.45E-02	1.63E-01	0.00E+00	0.00E+00	1.50E-01
Utah	Weber County	49057	U	Nickel Compounds	1.45E-02	1.58E-02	1.99E-02	2.68E-02	4.97E-02	4.35E-02	1.39E-01	1.75E-01	4.94E-02	3.37E-04	2.49E-05	2.43E-06	0.00E+00
Utah	Weber County	49057	U	Perchloroethylene	1.56E-01	1.60E-01	1.64E-01	1.73E-01	1.79E-01	1.83E-01	1.97E-01	2.12E-01	4.31E-05	3.87E-02	0.00E+00	0.00E+00	1.40E-01
Utah	Weber County	49057	U	Polychlorinated Biphenyls	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.81E-04	3.82E-04	3.83E-04	5.91E-09	1.33E-06	0.00E+00	0.00E+00	3.80E-04
Utah	Weber County	49057	U	Polycyclic Organic Matter	2.03E-02	2.46E-02	3.14E-02	4.01E-02	3.94E-02	4.53E-02	5.21E-02	6.07E-02	2.56E-03	2.47E-02	9.75E-03	2.39E-03	0.00E+00
Utah	Weber County	49057	U	7-PAH	4.50E-04	5.63E-04	6.83E-04	7.61E-04	8.17E-04	8.86E-04	1.14E-03	1.34E-03	1.78E-06	7.31E-04	6.03E-05	2.43E-05	0.00E+00
Utah	Weber County	49057	U	Propylene Dichloride	9.16E-06	1.09E-05	1.59E-05	6.29E-05	2.13E-04	1.30E-04	2.70E-04	7.37E-04	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Quinoline	4.20E-08	4.37E-08	7.26E-08	9.97E-08	1.74E-07	1.36E-07	2.25E-07	6.84E-07	0.00E+00	1.74E-07	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	1,1,2,2-Tetrachloroethane	4.55E-05	4.93E-05	1.04E-04	5.64E-04	1.92E-03	1.14E-03	2.43E-03	6.67E-03	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00
Utah	Weber County	49057	U	Trichloroethylene	8.86E-02	9.24E-02	9.58E-02	1.05E-01	1.28E-01	1.20E-01	1.52E-01	1.65E-01	0.00E+00	4.65E-02	0.00E+00	0.00E+00	8.10E-02
Utah	Weber County	49057	U	Vinyl Chloride	1.17E-04	1.26E-04	2.60E-04	1.39E-03	4.74E-03	2.86E-03	6.06E-03	1.65E-02	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00