

RESOLUTION T2006-08

SUBJECT: Air Quality Standards for the Bishop Paiute Reservation

WHEREAS: The Bishop Indian Tribal Council is the duly elected, federally recognized governing body of the Bishop Paiute Reservation; and

WHEREAS: The Bishop Indian Tribal Council is responsible for the health and general welfare of Tribal Members; and

WHEREAS: The Bishop Indian Tribal Council recognizes the need to protect air quality on the Bishop Paiute Reservation; and

WHEREAS: Air quality standards help protect the health and general welfare of Tribal Members; and

WHEREAS: The Tribal Council has the authority to regulate air quality within the exterior boundaries of the Bishop Paiute Reservation per the Tribal Authority Rule of the Federal Clean Air Act;

NOW THEREFORE BE IT RESOLVED: That the Bishop Indian Tribal Council does hereby adopt the attached air quality standards for the following pollutants:

- Respirable particulate matter (PM-10)
- Fine particulate matter (PM-2.5)
- Ozone (O₃)
- Carbon Monoxide (CO)

FURTHER BE IT RESOLVED: That the standards listed in this resolution are not restrictive and may be revised to adjust standards for the referenced pollutants and expanded to include additional pollutants by additional resolution(s) of the Tribal Council.

CERTIFICATION

The foregoing resolution was passed and adopted at a duly held meeting of the Bishop Tribal Council on the 3rd day of April, 2006, at which a quorum was present and voted 4 FOR, 0 AGAINST, and 0 ABSTAIN.

ATTEST:

Gerald Howard, Chair

Wanda Summers, Secretary

AMBIENT AIR QUALITY STANDARDS

AMBIENT AIR QUALITY STANDARDS FOR

- **RESPIRABLE PARTICULATE MATTER (PM-10),**
Suspended atmospheric particles, solid and liquid (except uncombined water) with an aerodynamic diameter of 10 microns or less
- **FINE PARTICULATE MATTER (PM-2.5),**
Suspended atmospheric particles, solid and liquid (except uncombined water) with an aerodynamic diameter of 2.5 microns or less
- **OZONE (O₃), AND**
Ozone is a colorless gas with a pungent odor having the molecular form (O₃)
- **CARBON MONOXIDE (CO)**
Carbon monoxide is a colorless gas having the molecular form CO.

The Bishop Paiute Reservation is located in eastern California and is surrounded by lands governed by the California ambient air quality standards. The state of California standards are more stringent than the corresponding federal standards for the same pollutants, known as the National Ambient Air Quality Standards. Therefore it has been determined that adoption of standards that are at least as stringent as the state of California ambient air quality standards is the best method to protect the health and general well-being of reservation residents. The pollutants selected are those that have been identified as most likely to impact air quality in the region.

Pollutant	Averaging Time	Bishop Paiute Tribe Ambient Air Quality Standard	
		Concentration	Method
Respirable Particulate Matter (PM-10)	24-hour	50 µg/m ³ *	Gravimetric or beta attenuation
	Annual Arithmetic Mean	20 µg/m ³ *	
Fine Particulate Matter (PM-2.5)	24-hour	35 µg/m ³ *	Gravimetric or beta attenuation
	Annual Arithmetic Mean	12 µg/m ³ *	
Ozone (O ₃)	1 hour	0.09 ppm (180 µg/m ³) *	Ultraviolet photometry with passive methods acceptable to establish baseline levels
	8 hour	0.07 ppm (137 µg/m ³) *	
Carbon Monoxide (CO)	1 hour	20 ppm (23 mg/ m ³) *	Non-dispersive infrared photometry
	8 hour	9 ppm (10 mg/ m ³) *	

* Values not to be exceeded more than once per year.

SAMPLERS

Particulate Matter: PM-10 and PM-2.5

Continuous Samplers

Any sampler designated by the US EPA as a Federal Reference Method or Federal Equivalent Method.

Any sampler approved for use by the California Air Resources Board.

In addition, the following sampler is specifically approved for use in determining exceedances of Bishop Paiute Tribe Ambient Air Quality Standards.

- Thermo-electron / Rupprecht & Pataschnick FRM model 8500 Filter Dynamics Measurement System

Filter-based Samplers

Any sampler designated by the US EPA as a Federal Reference Method or Federal Equivalent Method.

Any sampler approved for use by the California Air Resources Board.

Ozone

Any sampler designated by the US EPA as a Federal Reference Method or Federal Equivalent Method.

Any sampler approved for use by the California Air Resources Board.

In addition, the following sampler is specifically approved for use in determining baseline levels and to investigate potential exceedances of Bishop Paiute Tribe Ambient Air Quality Standards.

- Ogawa Model 3300

Carbon Monoxide

Any sampler designated by the US EPA as a Federal Reference Method or Federal Equivalent Method.

Any sampler approved for use by the California Air Resources Board.