STATE OF UTAH

MICHAEL O. LEAVITT
GOVERNOR

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OLENE S. WALKER
LIEUTENANT GOVERNOR

June 10, 2003

Robbie E. Roberts, Regional Administrator
U.S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 300
Denver, CO 80202-2466

Dear Mr. Roberts:

In your letter dated January 23, 2003, you requested a recommendation for designating areas in Utah under the 8-hour ozone national ambient air quality standard by April 15, 2003. A subsequent memorandum from Jeffrey R. Holmstead, Assistant Administrator, Environmental Protection Agency, delayed the requested due date to July 15, 2003.

The State of Utah recommends that all 29 counties in Utah be designated attainment for the 8-hour ozone standard based on monitoring data for the years 2000 through 2002. A summary of ozone monitoring data for the years 2000 through 2002 is enclosed. Ozone data for the summer of 2003 will be evaluated later this year. If any changes to the attainment recommendation are needed, a revision can be sent to EPA for consideration before EPA finalizes designations in April 2004.

We look forward to working with you and your staff to implement the 8-hour ozone standard in Utah. Should you have questions, please contact Richard Sprott, Director, Utah Division of Air Quality (801) 536-0072.

Sincerely,

Michael O. Leavitt

Michael O. Leavitt
Governor

Enclosure

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Overview of Ozone Monitoring Data in Utah

An area is considered in compliance with the 8-hour ozone standard if the fourth high daily maximum, 8-hour ozone average, averaged over three years is 0.08 ppm or less (an average of 0.084 would round down to 0.08). Table 1 shows the ozone values recorded in Utah for the years 2000 through 2002.

Table 1. Annual 4th high daily maximum, 8-hour average ozone values for the years 2000 through 2002, and 3-year average for all ozone monitors in Utah.

Site	AIRS code	2000***	2001	2002	2000-2002 Average†
Bountiful	49-011-0001	.078	.081	.088++	.082
Beach	49-035-2004	.078	.082	.083	.081
Canyonlands (NPS Monitor)	49-037-0101	.076	.066	.072	.071
Cottonwood	49-035-0003	.072	.076	.082	.076
Hawthorne	49-035-3006	.072	.075	.084	.077
Herriman	49-035-3003	.080	.076	.078**	.078
Highland	49-049-5008	.076	.076	.082	.078
North Provo	49-049-0002	.071	.067	.077	.071
Spanish Fork	49-049-5010	.077	.072	.077	.075
Wash. Terrace	49-057-0007	.073	.079	.078	.076
North Ogden	49-057-1002	.072	.076	---	(site closed, see Harrisville)
Logan	49-005-0002	.071	.067	.069	.069
West Valley	49-035-3007	.074	.084	.079	.079
Brigham City	49-003-0003	---	.078	.084	.081 (2 years data)
Harrisville	49-057-1003	---	.078	.084	.081 (2 years data)

* Exceedance of the 8-hr. ozone standard (0.085 ppm or greater).
**Herriman site moved approx. 200 feet west of original site due to construction.
***Year 2000 data excludes values flagged due to forest fires from July 28 through August 3; these were deemed to qualify as exceptional event values and not to be used for regulatory purposes
† 3-year averages are truncated to the nearest ppb (.001 ppm), as required by federal regulations.
++Year 2002 data excludes values flagged due to forest fires on August 19.

As can be seen from Table 1, all monitors in Utah are currently showing attainment of the 8-hour ozone standard. The ozone-monitoring network is currently concentrated along the Wasatch Front. This leaves questions about ozone levels in other areas of Utah. Table 2 shows data from National Park Service and other state monitoring networks in areas surrounding Utah as an indicator of likely ozone levels that would be seen in rural Utah.

Table 2. Annual 4th high, daily maximum, 8-hour average ozone values for the years 2000 through 2002, and 3-year average for rural monitors surrounding Utah.

Site	AIRS code	2000	2001	2002*	2000 – 2002 Average
Mesa Verde (NPS)	08-083-0101	.073	.065	.070	.069
San Juan County (New Mexico)	35-045-1005	.080	.074	.073	.075
Grand Canyon (NPS)	04-005-8001	.071	.070	.079	.073
Great Basin (NPS)	32-033-0101	.077	.067	.074	.072

*2002 NPS data is through June 2002

As can be seen from Table 2, ozone values at all of these rural monitors are showing attainment with the 8-hour ozone standard. The population density in Utah outside of the Wasatch Front is very low, and there are not a large number of sources outside of the Wasatch Front. Therefore, it is unlikely that there would be localized areas of high ozone values outside of the urban area. It is more likely that ozone levels in rural Utah would be consistent with regional background ozone values as measured by these monitors.