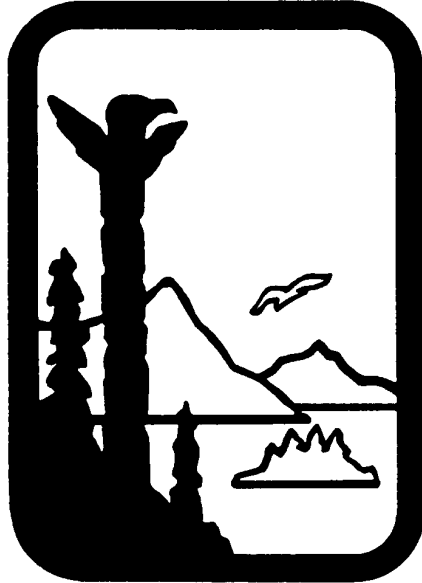


**DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**



18 AAC 50

AIR QUALITY CONTROL

Public Notice Draft

February 14, 2011

**Comment Period Ends
March 24, 2011, 5:00 p.m.**

**Sean Parnell
Governor**

**Larry Hartig
Commissioner**

18 AAC 50.010(2) (C) is amended to read:

(C) three-hour average of **500 parts per billion** (1300 micrograms per cubic meter), not to be exceeded more than once each year; **for purposes of this subparagraph, the three-hour average sulfur dioxide concentration must be determined in accordance with 40 C.F.R. Part 50.5;**

• • •

18 AAC 50.010(2) is amended by adding a new subparagraph to read:

(D) one-hour average sulfur dioxide concentration of 75 parts per billion (196 micrograms per cubic meter); with this standard being attained when the three-year average of the annual, 99th- percentile, daily maximum, one-hour sulfur dioxide concentration is less than or equal to 75 parts per billion as determined in accordance with 40 C.F.R. Part 50, Appendix T, adopted by reference in 18 AAC 50.035(b)

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 10/1/2004, Register 171; am 4/1/2010, Register 193; am __/__/__, Register ____)

Authority: AS 46.03.020 AS 46.14.030 Sec. 30, ch. 74, SLA 1993

AS 46.14.010

The lead-in language of 18 AAC 50.035(b) is amended to read:

(b) The following procedures and methods set out in 40 C.F.R., as revised as of **July 1, 2010** [JULY 1, 2009], are adopted by reference:

• • •

18 AAC 50.035(b) (1) is amended to read:

(1) 40 C.F.R. Part 50, Appendices A, D, F, G, J, K, L, N, P, Q, [AND] R [;], **and**

T:

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 7/2/2000, Register 154; am 2/2/2002, Register 161; am 5/3/2002, Register 162; am 10/1/2004, Register 171; am 12/3/2005, Register 176; am 7/25/2008, Register 187; am 11/9/2008, Register 188; am 4/1/2010, Register 193; am __/__/____, Register ____)

Authority:	AS 46.03.020	AS 46.14.020	AS 46.14.140
	AS 46.14.010	AS 46.14.030	Sec. 30, ch. 74, SLA 1993

The lead-in language and Table 5 of 18 AAC 50.215(d) are amended to read:

(d) Table 5 establishes the significant impact level, expressed as micrograms per cubic meter, for each pollutant and averaging **period** [TIME]. If the ambient impacts from emissions from a stationary source or modification are less than the concentrations in Table 5, the emissions are not considered to cause or contribute to a violation of an ambient air quality standard or maximum allowable increase for a Class II area.

Table 5. Significant Impact Levels (SILs)

Pollutant	Significant impact level (micrograms per cubic meter)				
	Averaging <u>Period</u> [TIME (HOURS)]				
	Annual	<u>24-hours</u>	<u>8-hours</u>	<u>3-hours</u>	<u>1-hour</u>
Sulfur dioxide	1.0	5	N/A	25	<u>8</u> [N/A]
PM-10	1.0	5	N/A	N/A	N/A
<u>PM-2.5</u>	<u>0.3</u>	<u>1.2</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Nitrogen dioxide	1.0	N/A	N/A	N/A	N/A
Carbon monoxide	N/A	N/A	500	N/A	2,000

Note to Table 5: In this table, "N/A" means not applicable.

(Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 10/1/2004, Register 171; am 7/25/2008, Register 187; am 4/1/2010, Register 193; am 10/29/2010, Register 196; am __/__/____, Register __)

Authority: AS 46.03.020 AS 46.14.140 Sec. 30, ch. 74, SLA 1993
AS 46.14.030 AS 46.14.180

18 AAC 50.220(c)(1)(F) is amended to read:

(F) source testing for emissions of PM-10 **and fine particulate matter (PM-2.5)** must follow the procedures set out in Appendix M to 40 C.F.R. Part 51, adopted by reference in 18 AAC 50.035;

(Eff. 1/18/97, Register 141; am 10/1/2004, Register 171; am __/__/____, Register __)

Authority:	AS 46.03.020	AS 46.14.020	AS 46.14.140
	AS 46.14.010	AS 46.14.030	Sec. 30, ch. 74, SLA 1993

18 AAC 50.326(e)(15) is amended to read:

(15) 0.5 TPY for any regulated air pollutant not listed in (1) - (14) **or (16)** of this subsection[.];

• • •

18 AAC 50.326(e) is amended by adding a new paragraph to read:

(16) for greenhouse gases, 3,750 TPY of CO₂ equivalent emissions (CO₂e).

(Eff. 10/1/2004, Register 171; am 12/1/2004, Register 172; am __/__/____, Register __)

Authority:	AS 46.03.020	AS 46.14.140	AS 46.14.190
	AS 46.14.010	AS 46.14.150	AS 46.14.220
	AS 46.14.020	AS 46.14.170	AS 46.14.230
	AS 46.14.120	AS 46.14.180	AS 46.14.515
	AS 46.14.130		

18 AAC 50.990 is amended by adding new paragraphs to read:

(130) “transportation improvement plan” or “TIP” has the meaning given in 40 C.F.R. 93.101, adopted by reference in 18 AAC 50.710[.];

(131) “greenhouse gases” has the meaning given in 40 C.F.R. 52.21 as adopted in 18 AAC 50.040(h);

(132) “CO₂ equivalent emissions” or “CO₂e” has the meaning given in 40 C.F.R. 52.21 as adopted in 18 AAC 50.040(h).

(Eff. 1/18/97, Register 141; am 6/14/98, Register 146; am 6/21/98, Register 146; am 9/4/98, Register 147; am 11/4/99, Register 152; am 1/1/2000, Register 152; am 2/2/2002, Register 161; am 5/3/2002, Register 162; am 11/15/2002, Register 164; am 8/8/2003, Register 167; am 10/1/2004, Register 171; am 12/3/2005, Register 176; am 12/30/2007, Register 184; am 7/25/2008, Register 187; am 4/1/2010, Register 193; am 12/9/2010, Register 196; am __/__/____, Register __)

Authority:	AS 44.46.025	AS 46.14.140	AS 46.14.250
	AS 46.03.020	AS 46.14.150	AS 46.14.255
	AS 46.03.710	AS 46.14.160	AS 46.14.280
	AS 46.14.010	AS 46.14.170	AS 46.14.285
	AS 46.14.020	AS 46.14.180	AS 46.14.290
	AS 46.14.030	AS 46.14.210	AS 46.14.300
	AS 46.14.120	AS 46.14.230	AS 46.14.560
	AS 46.14.130	AS 46.14.240	Sec. 30, ch. 74, SLA 1993