

The Mendenhall Valley area of Juneau is designated a wood smoke control area.

(c) Repealed 4/16/2022.

(d) Three air quality zones are established within the Fairbanks and North Pole urban nonattainment area to establish control measures for the reduction of PM-2.5. The three air quality control zones are described in the local air quality plan incorporated in the *State Air Quality Control Plan*, adopted by reference in 18 AAC 50.030, as the

(1) North Pole Control Zone;

(2) Fairbanks Control Zone; and

(3) Goldstream Control Zone. (Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 11/26/2016, Register 220; am 9/15/2018, Register 227; am 4/16/2022, Register 242; 8/21/2022, Register 243)

Authority: AS 46.03.020 AS 46.14.010 AS 46.14.030

Editor's note: Complete descriptions of the special protection areas designated in this section, including maps, are provided in the state air quality control plan adopted by reference in 18 AAC 50.030. The documents adopted by reference in 18 AAC 50.030 may be reviewed at the department's Anchorage, Fairbanks, or Juneau office, or on the internet on the Department of Environmental Conservation, Division of Air Quality Reference Materials for 18 AAC 50 webpage at: <https://dec.alaska.gov/air/anpms/SIP/18AAC50-reference-materials/>

18 AAC 50.030. State air quality control plan. (a) Volumes II and III of the *State Air Quality Control Plan* for implementing and enforcing the provisions of AS 46.14 and this chapter, revised as of November 5, 2024, are adopted by reference. The plan includes the following documents which are also adopted by reference:

(1) the department's *Alaska Air Quality Small Business Assistance Program*, April 1994;

(2) the Code of the City and Borough of Juneau, Alaska, Chapter 36.40, amended by the provisions of Ordinance of the City and Borough of Juneau, Alaska, Serial No. 2008-28, sec. 2;

(3) except as provided in 18 AAC 50.090(b), the department's *Air Quality Compliance Certification Procedures for Volatile Liquid Storage Tanks, Delivery Tanks, and Loading Racks*, as amended through December 10, 1992;

(4) the department's *Quality Assurance Project Plan for the State of Alaska Air Monitoring & Quality Assurance Program*, as amended through April 20, 2018;

(5) *Protocol for Determining the Best Performing Model*, EPA-454/R-92-025, December 1992;

(6) *Source Test Report Outline*, as amended through November 1984;

(7) the department's *Performance Audits for COMS*, revised as of August 20, 2008;

(8) the department's *Minor Permit Application Forms*, dated August 30, 2004.

(b) Any sources that under the *State Air Quality Control Plan*, adopted by reference in (a) of this section, are subject to RACT or are subject to BACM and BACT shall comply with RACT or with BACM and BACT as identified in the specific sections of the *State Air Quality Control Plan*.

(c) Contingency measures in nonattainment and maintenance areas identified in 18 AAC 50.015(b), (d), and (e)

(1) must be implemented as described in the *State Air Quality Control Plan* for an area upon

(A) the occurrence of a condition identified in the *State Air Quality Control Plan* as requiring implementation of a contingency measure; or

(B) the effective date of an EPA finding that the area failed

(i) to attain the applicable NAAQS by the applicable attainment date;

(ii) to meet a quantitative milestone;

(iii) to submit a required quantitative milestone report; or

(iv) to meet a reasonable further progress requirement;

(2) may provide for notice to affected entities as outlined in the approved *State Air Quality Control Plan*. (Eff. 1/18/97, Register 141; am 6/21/98, Register 146; am 9/4/98, Register 147; am 1/1/2000, Register 152; am 12/30/2000, Register 156; am 9/21/2001, Register 159; am 1/27/2002, Register 161; am 3/27/2002, Register 161; am 5/3/2002, Register 162; am 2/20/2004, Register 169; am 6/24/2004, Register 170; am 10/1/2004, Register 171; am 12/14/2006, Register 180; am 12/30/2007, Register 184; am 5/17/2008, Register 186; am 7/25/2008, Register 187; am 11/9/2008, Register 188; am 5/6/2009, Register 190; am 11/4/2009, Register 192; am 4/1/2010, Register 193; am 10/29/2010, Register 196; am 4/13/2011, Register 198; am 9/17/2011, Register 199; am 8/1/2012, Register 203; am 5/8/2013, Register 206; am 2/5/2015, Register 213; am 4/17/2015, Register 214; am 3/2/2016, Register 217; am 11/26/2016, Register 220; am 12/29/2016, Register 220; am 1/12/2018, Register 225; am 9/15/2018, Register 227; am 1/8/2020, Register 233; am 11/7/2020, Register 236; add'l am 11/7/2020, Register 236; am 12/25/2020, Register 236; am 4/16/2022, Register 242; 8/21/2022, Register 243; am 9/7/2022, Register 243; add'l am 9/7/2022, Register 243; am 12/8/2024, Register 252; am 12/14/2024, Register 252)

Authority: AS 46.03.020

AS 46.14.030

Sec. 30, ch. 74, SLA 1993

AS 46.14.020

AS 46.14.140

Editor's note: The *State Air Quality Control Plan* and the other documents adopted by reference in 18 AAC 50.030 may be reviewed at the department's Anchorage, Fairbanks, or Juneau office and are on file with the Office of the Lieutenant Governor.

In Register 220 (January 2017) the Department of Environmental Conservation made two updates to the *State Air Quality Control Plan*, adopted by reference in 18 AAC 50.030: one update dated September 7, 2016, that took effect November 26, 2016 and a later update dated October 20, 2016, that took effect December 29, 2016. The text of 18 AAC 50.030 gives the effective date of the second update, and thus incorporates the effective date of the prior update. For each update, a separate effective date appears in the history note for 18 AAC 50.030.

The documents adopted by reference in 18 AAC 50.030 may be reviewed at the department's Anchorage, Fairbanks, or Juneau office, or on the internet on the Department of Environmental Conservation, Division of Air Quality's Reference Materials for 18 AAC 50 web page at: <http://dec.alaska.gov/air/anpms/sip/18AAC50-reference-materials/>.

18 AAC 50.035. Documents, procedures, and methods adopted by reference. (a)
The following documents are adopted by reference:

(1) the department's *In Situ Burning Guidelines for Alaska, Revision 1*, revised August 2008;

(2) *Workbook for Plume Visual Impact Screening and Analysis (revised)*, EPA 454/R-92-023, October 1992;

(3) the United States Environmental Protection Agency's (EPA) publication AP-42, *Compilation of Air Pollutant Emission Factors, Volume I: Stationary Point and Area Sources*, Fifth Edition with Supplements A – F and annual updates, as updated through February 2018;

(4) *Meteorological Monitoring Guidance for Regulatory Modeling Applications*, EPA - 454/R-99-005, February 2000;

(5) *Ambient Monitoring Guidelines for Prevention of Significant Deterioration (PSD)*, EPA-450/4-87-007, May 1987;

(6) the department's *Title V Standard Applications and Forms*, revised as of March 2012;

(7) repealed 9/15/2018;

(8) *Quality Assurance Handbook for Air Pollutant Measurement Systems; Volume IV; Meteorological Measurements Version 2.0* (EPA-454/B-08-002);

(9) the department's letter, *Inclusion of Emissions from Worker Housing Units in*