

What is in Minnesota's SIP?

SIPs that were submitted by states to the EPA and acted upon by the EPA are listed in 40 CFR pt. 52. Minnesota's SIP is identified in 40 CFR § 52, subp. Y. Since the SIP has changed considerably since its original submittal, and the CFR is updated only annually, some of the items listed in 40 CFR § 52, subp. Y are obsolete and recent additions to the SIP may not be reflected.

The MPCA's SIP coordinator can supply the current status of the SIP; SIP-included documents can also be found on the EPA Web site at <http://www.epa.gov/region5/air/sips/index.html>. The original SIP submittal of January 28, 1972, was about 1.5 inches thick, but the many revisions made to the SIP over the years almost fill a filing cabinet. The bulk of Minnesota's SIP includes site-specific emission limits as part of plans necessary to achieve and maintain the NAAQS. The SIP also includes state air quality rules necessary for supporting the air quality program and maintaining the NAAQS.

Site-Specific Plans

Minnesota's current SIP-approved site-specific plans are listed in the following table by geographic area and pollutant.

| Area | Pollutant | Source | Permit Number or Order | State Effective Date | EPA Approval Date & FR Citation | Comments |
|---------------------------|------------------|---|----------------------------|----------------------|---------------------------------|--|
| Eagan | Lead | Gopher Smelting & Refining Co | 03700016-002 | 06/29/10 | 01/13/11 76 FR 2263 | Title I SIP Conditions Only |
| | | | Administrative Order | 06/18/12 | Pending | Part of 2008 nonattainment SIP |
| Rochester | PM ₁₀ | Rochester Public Utilities – Silver Lake | 10900011-004 | 09/07/07 | 12/02/09 74 FR 63066 | Title I SIP Conditions Only |
| Rochester | SO ₂ | Associated Milk Producers | 10900010-001 | 05/05/97 | 03/09/01 66 FR 14087 | Title I Conditions Only |
| | | Franklin Heating Station | 1148-83-OT-1 [10900019] | 06/19/98 | 03/09/01 66 FR 14087 | Title I Conditions Only |
| | | IBM | 10900006-001 | 06/03/98 | 03/09/01 66 FR 14087 | Title I Conditions Only |
| | | Olmsted Waste-to-Energy Facility | 10900005-002 | 08/23/07 | 04/21/09 74 FR 18138 | Title I SIP Conditions Only |
| | | Rochester Public Utilities – Cascade Creek | 10900020-003 | 02/07/08 | 04/24/09 74 FR 18638 | Title I SIP Conditions Only |
| | | Rochester Public Utilities – Silver Lake | 10900011-004 | 09/07/07 | 12/02/09 74 FR 63066 | Title I SIP Conditions Only |
| | | Saint Marys Hospital | 10900008-002 | 10/14/09 | 08/12/10 75 FR 48864 | Title I SIP Conditions Only |
| Twin Cities 7-County Area | SO ₂ | ELT Minneapolis, River Road Industrial (United Defense, LP) | 0300245-001 | 04/08/10 | 08/03/10 75 FR 45480 | Title I SIP Conditions Only |
| | | Federal Cartridge Company | 00300156-003 | 12/28/07 | 04/04/09 74 FR 18634 | Title I SIP Conditions Only |
| | | GAF Building Materials. | Administrative Order | 05/27/92 | 04/14/94 59 FR 17703 | Findings and Order |
| | | | | 09/18/97 | 02/08/99 64 FR 5936 | Amendment Two to Findings and Order |
| | | Hoffman Enclosures | 00300155-001 | 1/31/08 | 04/04/09 74 FR 18634 | Title I SIP Conditions Only |
| | | Minneapolis Energy Center, Inc. (NRG Energy Center Mpls) | Administrative Order | 05/27/92 | 04/14/94 59 FR 17706 | Findings and Order for Main Plant, Baker Boiler Plant, and the Soo Line Boiler Plant |
| | | Xcel Energy – Inver Hills Plant | 03700015-003 | 10/27/06 | 12/05/07 72 FR 68508 | Title I SIP Conditions Only |

| Area | Pollutant | Source | Permit Number or Order | State Effective Date | EPA Approval Date & FR Citation | Comments |
|--|----------------------|--|---------------------------|-----------------------------|---------------------------------|---|
| | | Xcel Energy – Riverside Plant | 05300015-001 | 05/11/99 | 02/26/02 67 FR 8727 | Title I Conditions Only |
| Twin Cities, Rosemount/Pine Bend | SO ₂ | Flint Hills Resources, L.P. | Administrative Order | 08/29/11 | Pending | Amended Findings and Order by Consent (AO #9) |
| Twin Cities, St. Paul Park | SO ₂ | Northern Tier Energy (Marathon Petroleum) | 16300003-016 | 09/11/09 | 12/28/10 75 FR 81471 | Title I SIP Conditions Only |
| St. Paul, Childs Road and Red Rock Road | PM ₁₀ | Aggregate Industries, Yard A (formerly J.L. Shiely) | 12300007-002 | 04/23/2009 | 05/10/10 75 FR 11461 | Title I SIP Conditions Only |
| | | Commercial Asphalt Plant 905 | 12300347-002 | 09/10/99 | 07/12/00 65 FR 42861 | Title I Conditions Only |
| | | Gerdau Ameristeel | 12300055-004 | 08/28/08 | 05/20/09 74 FR 23632 | Title I SIP Conditions Only |
| | | Great Lakes Coal & Dock Co (Great Western Dock and Terminal) | Administrative Order | 08/25/92 | 02/15/94 59 FR 7218 | Amended Findings and Order |
| | | | | 12/21/94 | 06/13/95 60 FR 31088 | Amendment One to Amended Findings and Order |
| | | Harvest States Cooperatives | Administrative Order | 01/26/93 | 02/15/94 59 FR 7218 | Findings and Order |
| | | | | 12/21/94 | 06/13/95 60 FR 31088 | Amendment One to Findings and Order |
| | | Lafarge North America, Childs Road Terminal | 12300391-002 | 12/17/06 | 9/11/07 72 FR 51713 | Title I SIP Conditions Only |
| | | Lafarge Corp., Red Rock | 12300353-002 | 05/07/02 | 08/19/04 68 FR 51371 | Title I Conditions Only |
| Metropolitan Council, Metro Wastewater Treatment Plant | 12300053-006 | 02/25/10 | 12/16/2010 75 FR 78602 | Title I SIP Conditions Only | | |
| St. Paul Terminals Red Rock Road | Administrative Order | 02/02/96 | 07/22/97 62 FR 39120 | Findings and Order | | |

Area-specific plans in Minnesota's SIP

Carbon Monoxide Requests to Redesignate Areas to Attainment

| County/City | Sources Affected | Federal Effective Date of the Plan |
|---|------------------|--|
| St. Cloud | Mobile sources | August 27, 1993 (Federal Register publication: 6/28/93) |
| Duluth | Mobile sources | June 13, 1994 (Federal Register publication: 5/14/94) |
| Anoka, Hennepin, Ramsey, and portions of Carver, Dakota, Scott, Washington, and Wright Counties | Mobile sources | November 29, 1999 (Federal Register publication: 10/29/99) |

Carbon Monoxide Nonattainment Area Plans/Programs

The following plans/programs are effective in the these counties: Anoka, Hennepin, Ramsey, and portions of Carver, Dakota, Scott, Washington, and Wright Counties

| Plan/Program | Federal Effective Date of the Plan |
|--|--|
| 1990 Base Year Inventory | October 10, 1994 (Federal Register publication: 9/19/94) |
| Oxygenated Fuels Program | November 3, 1994 (Federal Register publication: 10/4/94) |
| Vehicle Inspection and Maintenance Program | November 29, 1999 (Federal Register publication: 10/29/99) November 14, 1994 (Federal Register publication: 10/13/94) |
| Commitment to Contingency Measures | March 22, 1996 (Federal Register publication: 2/21/96) |
| 1993 Periodic Inventory | |

State Rules and Programs

The following tables are a complete listing of Minnesota Rules that are included in the SIP. Note that only the portions of the Air Emissions Permit Rule (Minn. R. pts. 7007.0050-1850) that were effective on October 18, 1993, are included in the SIP. The Registration Permit portions, except Option C, are also included in the SIP. Older rules regarding motor vehicles also remain as part of the SIP. Other rules are included as of EPA's 2011 approval of a 2008 submittal by MPCA.

A complete and up-to-date listing of rules included in Minnesota's SIP, along with the state effective date of the included rules, can be found in the Code of Federal Regulations on-line at <http://www.gpoaccess.gov/cfr/retrieve.html>, retrieve 40 CFR pt. 52, subp. Y.

Minnesota air quality rules in the SIP

| Chapter | Subject |
|-----------------------------|--|
| Chapter 7005 | Definitions |
| 7005.0100 | Definitions |
| 7005.0110 | Abbreviations |
| Chapter 7007 | Air Emission Permits (as of Oct 1993) |
| 7007.0050 through 7007.1850 | Air Emission Permits |
| 7007.0800 subp 6, item C(5) | Evidentiary Rule (1995) |
| 7007.4000 through 7007.4030 | Emission Offsets |
| Chapter 7009 | Ambient Air Quality Standards |
| 7009.0010-0020, 0050-0080 | Ambient Air Quality Standards |
| 7009.1000-1110 | Air Pollution Episodes |
| 7009.9000 | General Conformity |
| Chapter 7011 | Standards of Performance – Stationary Sources |
| 7011.0010-0020 | Applicability |
| 7011.0060-0080 | Control Equipment Rule |
| 7011.0100-0115 | Opacity |
| 7011.0150 | Fugitive Particulate |
| 7011.0500-0553 | Indirect Heating Equipment |
| 7011.0600-0625 | Direct Heating Equipment |
| 7011.0700-0735 | Industrial Process Equipment |
| 7011.0850 – 7011.0859 | Portland Cement Plants |
| 7011.0865 – 7011.0870 | Stage-one vapor recovery |
| 7011.0900-0909, 0913-0922 | Hot Mix Asphalt Plants |
| 7011.1000-1015 | Bulk Agricultural Handling Facilities |
| 7011.1100-1125, 1135-1140 | Coal Handling Facilities |
| 7011.1201 and 1205 | Waste Combustors |
| 7011.1300-1325 | Sewage Sludge Incinerators |
| 7011.1400-1430 | Petroleum Refineries |
| 7011.1500-1515 | Liquid Petroleum and VOC Storage Vessels |
| 7011.1600-1605, 1615-1630 | Sulfuric Acid Plants |
| 7011.1700-1705, 1715-1725 | Nitric Acid Plants |

| | |
|---|---|
| 7011.2100-2105 | Inorganic Fibrous Materials |
| 7011.2300 | Stationary Internal Combustion Engines |
| Chapter 7017 | Monitoring and Testing Requirements |
| 7017.0100 | Establishing Violations (Evidentiary Rule) |
| 7017.0200 | Compliance Assurance Monitoring |
| 7017.1002 - 1220 | Continuous Emission Monitors (CEMS) |
| 7017.2001-2060 | Performance Tests |
| Chapter 7019 | Notification, Reporting, Record keeping, and Emissions Inventory |
| 7019.1000 | Notifications |
| 7019.3000-3100 | Emission Inventory |
| Chapter 7023 | Mobile and Indirect Sources |
| 7023.0100-0120 | Motor Vehicles |
| Minnesota Statutes | Chapter 17 and 88 |
| Sections 17.135, 88.01-.03, 88.16, and 88.171 | Open Burning |
| Other Programs and Rules Included or Requested to be Included in the SIP | |
| Small Business Assistance Program | Included as of FR publication date 3/16/94 |
| Minnesota's Regional Haze Plan | Partial Approval 6/12/2012 (77 FR 34801) |

Who Do I Contact if I Have Questions About the SIP?

MPCA SIP Coordinator: [Catherine Neuschler](#), 651-757-2607.