



Environmental Permits and How To Obtain Them

7/2007

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INTRODUCTION

Do I need a permit?

If you're seeking an environmental permit, registration or certification for your business, school, community, or activity, the Missouri Department of Natural Resources' Permit Assistant can help! This tool is designed to help users determine what type of environmental permits they need and provide the forms to apply for these permits. This easy-to-use tool will ask you a few simple questions to determine your needs. The Permit Assistant can be found online [at http://www.dnr.mo.gov/mopermitassistant/](http://www.dnr.mo.gov/mopermitassistant/).

Why are permits important?

Permits help ensure that environmental standards are met so Missourians can continue to enjoy healthy air, safe drinking water, clean streams and usable soil. Once a permit is issued other tools such as compliance assistance, inspection and enforcement, come into play to protect or enhance Missouri's environment and to protect the health of the state's citizens.

If a project involves federal funds or has federal agency involvement, a Section 106 review is needed to protect our cultural and historical resources. Section 106 of the National Historic Preservation Act requires a review of all projects that involve properties or geographical areas that are presently on or eligible for the National Register of Historic Places.

The term permitting includes a variety of activities including permits, certifications, licenses and registrations.

We can help!

Read this publication thoroughly if you are planning an activity that could affect the state's air, water, land, mineral, or cultural resources. Then contact the Missouri Department of Natural Resources about the permits you may need. Help is available through our offices scattered throughout Missouri (The phone numbers are listed at the end of this introduction). Staff are available to meet with you before an application is submitted to help ensure that a complete application is submitted. For a map and list of the department's regional and satellite offices click on <http://www.dnr.mo.gov/regions/regions.htm> or contact the Field Services Division at 1-800-361-4827.

How do I apply for a permit?

Most environmental permits require you to submit an application, a filing fee and supporting documentation. The specific requirements and procedures for each type of permit vary depending on the state and federal laws and the related rules. Many applications forms are found on our Web site at <http://www.dnr.mo.gov/forms/index.html>.

Supporting documentation may include engineering reports, plans and specifications prepared by a registered professional engineer, geological evaluations or reclamation plans. Other required supporting materials may include performance bonds, financial assurance instruments, preconstruction modeling or monitoring.

Department staff will review your application once it's submitted. As a general rule, it takes longer to process complex projects or those that affect several environmental areas, such as permits involving both air and water resources.

How can I help speed up the review process?

Make sure that the application is complete. If the department must request additional information, the permit review is suspended, and no further action is taken until the required information is received. Be sure to allow for review time and submit your application well in advance of anticipated work or deadlines.

What about public participation requirements?

At some point in the review process, many permits have a public participation requirement. A public notice is published, and a public hearing may be held to provide citizens an opportunity to comment on a proposed permit. The public comment period varies but is usually 30 to 90 days. After receiving comments from the public, the department may modify a permit or request additional information from an applicant. In addition, commissions associated with the department also must approve some permits.

When you receive your permit...

Each permit issued by this department is a legal document. In applying for and accepting a permit, you agree to abide by its terms and conditions. When you receive a permit, read it carefully to look for errors. If you have questions about your permit, call your nearest regional office or the program that issued the permit. Once you have read and understand the permit, make sure those who use it most read it and keep it readily available.

The department offers an Environmental Assistance Visit (EAV). This is an onsite visit by department staff with appropriate representative(s) of a facility. The EAV seeks to improve understanding of the permit and environmental requirements, to enhance environmental compliance with the regulations that apply to the permittee's unique operations, and to provide resources for assistance.

Is an Environmental Assistance Visit different from an inspection?

Yes it is. In contrast to a compliance inspection that checks solely for compliance with permit requirements, the Environmental Assistance Visit (EAV) is voluntary and focuses on understanding the permit. The EAV staff will meet with the facility operator, view the operation and provide helpful feedback. One-on-one training is provided for required sampling, operations and maintenance, record keeping and other permit requirements, as appropriate. Written guidance documents may also be provided to the facility. Areas of good performance and, those needing improvement are noted and provided to the operator. No enforcement is initiated as a result of an EAV unless the facility has violations that are immediately or imminently harmful to public health or the environment.

Protecting our air, land and water resources through up-front assistance efforts is beneficial to everyone. Being preventative, rather than conducting a cleanup after-the-fact, also saves time and money for our citizens, communities and businesses.

What should I do once I receive the permit?

Again, be sure to keep the permit readily available. The department's staff will conduct inspections to determine if your business is in compliance with permit conditions. Remember, state and federal environmental laws provide severe penalties for violating the requirements of the law or permit conditions, and for failing to obtain a permit when one is required.

Can I transfer permits?

If you are selling or buying a facility that has environmental permits, sometimes these permits can be easily transferred from seller to buyer without going through the entire

permitting process. For information on permit transfers call the department's Field Services Office at 1-800-361-4827 and ask for the pamphlet called *A Guide to Missouri Department of Natural Resources Permit Transfers* or go online at <http://www.dnr.mo.gov/forms/index.html>

For further assistance...

You may contact any of our offices in the department at the following phone numbers. The offices are located in Jefferson City unless otherwise noted. A complete listing of all the DNR central, regional and satellite offices can be found at <http://www.dnr.mo.gov/regions/regions.htm>

The offices are located in Jefferson City unless otherwise noted.

Field Services Division: 1-800-361-4827

Regional Offices

Kansas City	(816) 622-7000
Northeast (Macon)	(660) 385-8000
St. Louis	(314) 416-2960
Southeast (Poplar Bluff)	(573) 840-9750
Southwest (Springfield)	(417) 891-4300

Division of Environmental Quality:

Air Pollution Control	(573) 751-4817
Hazardous Waste	(573) 751-3176
Land Reclamation	(573) 751-4041
Solid Waste Management	(573) 751-5401
Water Protection Program	
Public Drinking Water	(573) 751-5331
Water Pollution Control	(573) 751-1300

Division of Geology and Land Survey (Rolla) (573) 368-2100

 Geological Survey (Rolla) (573) 368-2160

State Historic Preservation Office (573) 751-7858

Water Resources Center (573) 751-2867

 Dam Safety (Rolla) (573) 368-2175

 Major Water Users (573) 751-7823

If you have other environmental concerns not described here, or if you believe you will require assistance with a permit application or other compliance issues, please call the department's Field Services Division toll free at 1-800-361-4827.

Air Pollution Control Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Air Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4817

Or contact your nearest regional office of the department.

If the activity of concern is located in St. Louis City, St. Louis County, Kansas City or Springfield, you will need to contact the local air pollution control authority for all air pollution permitting.

Local Air Pollution Control Authorities

City of St. Louis
Division of Air Pollution Control
1415 N. 13th Street
St. Louis, MO 63106
(314) 613-7300
(314) 613-7275 FAX

Springfield-Greene County
Air Pollution Control Authority
227 East Chestnut Expressway
Springfield, MO 65802
(417) 864-1662
(417) 864-1499 FAX

St. Louis County Department of Health
Air Pollution Control Section
111 South Meramec
Clayton, MO 63105
(314) 615-8924
(314) 615-8951 FAX

Kansas City Health Department
Air Quality Section
2400 Troost Avenue, Suite 3000
Kansas City, MO 64108
(816) 513-6314
(816) 513-6290 FAX

Asbestos Abatement Contractor Registration

Regulated Activities: Any regulated project must be performed by a contractor registered with the Department of Natural Resources. Under certain strict conditions a business may obtain a one-time exemption to perform asbestos mitigation work in its own place of business.

Fees: \$1,000 per year for contractor registration.

Required Documents: The Asbestos Contractor Registration Application, Form MO 780-1224 available online at <http://www.dnr.mo.gov/forms/index.html> and the following: 1) An outline of the company's respiratory protection program and employee medical surveillance for compliance with OSHA and EPA Worker Protection Laws; 2) At least one certificate number of a Missouri certified supervisor within their employment. In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

Length of Permit: One year

Average Processing Time: Three to six weeks

Public Participation: None required

Applicable Statutes: RSMo 643.225 through 643.250

Applicable Rules: 10 CSR 10-6.250 and 40 CFR Part 61, Subpart M

Asbestos Removal Notification

Regulated Activities: The removal of regulated asbestos containing materials (RACM) during renovation, demolition or operations and maintenance of any building or other air contaminant source. Demolition of any regulated structure, regardless of presence of asbestos.

Fees: \$100 filing fee for projects of 160 square feet or 260 lineal feet, or larger, of friable asbestos containing materials; no fee for smaller projects.

Required Documents: Completed Asbestos Project Notification, Form MO 780-1226 available online at <http://www.dnr.mo.gov/forms/index.html>.

Timing for Submittal: No later than 10 working days before the project commences.

Length of Permit: Good only for the dates specified in the notification.

Public Participation: None required

Applicable Statutes: RSMo 643.225 through 643.250

Applicable Rules: 10 CSR 10-6.250 and 40 CFR Part 61, Subpart M

Construction Permits (New Source Review - NSR)

Construction permits, also called New Source Review (NSR) permits, are required for the construction of a new air pollution source, or modification of an existing source. Construction permits allow an installation to construct and operate an air emission source. Construction permits are required prior to commencing construction of an emission source. An applicant may apply for a pre-construction waiver if applicable. See section relating to *De Minimus and Minor New Source Review Permits*.

No construction permit is required if potential emissions of the entire installation are less than regulatory de minimis levels or potential emissions of the proposed project are below the insignificance levels.

Potential emissions of a proposed project are calculated based on maximum design capacity of the equipment and assuming continuous operation, 8,760 hours per year. Emissions factors and control efficiencies used to calculate the potential to emit are based upon EPA sources, stack testing and/or engineering data.

There are three general types of construction permits: Major Source, Minor Source and De Minimis. The department also issues portable relocation permits that allow for the movement and operation of equipment previously permitted through the minor and de minimis permitting sections. In addition, the department may issue a temporary or pilot plant permit in place of a minor source or de minimis permit if the installation qualifies for a temporary permit under state regulations.

Operating permits are required after an installation constructs and commences operation of an air emission source. The operating permit lists all applicable rules and regulations for a facility in one document. There are three types of operating permits: Part 70, Intermediate or Synthetic Minor, and Basic State.

The types of permits and requirements for each are detailed below. Application forms are available electronically at <http://www.dnr.mo.gov/forms/index.html>. In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

The most common regulated pollutants and their applicable emission levels are detailed in Table 1. For a complete list of regulated air pollutants and a list of named sources, please refer to the Code of State Regulations, specifically 10 CSR 10-6.020 (3).

Table 1: Emission levels of Common Air Pollutants

Pollutant (Note 1)	Insignificant Levels (lbs/hour)	Regulatory <i>De Minimis</i> Levels/ Federal Significance Levels (tons per year)	Major Source Thresholds – Operating Permits and NSR named sources (tons per year)	Major Source Thresholds – NSR Non-named sources (tons per year)
PM ₁₀	1.0	15	100	250
SOx	2.75	40	100	250
NOx	2.75	40	100	250
VOC	2.75	40	100	250
CO	6.88	100	100	250
HAPs	0.5 (Note 2)	10/25	10/25	10/25

Note1: PM10 = particulate matter with diameter less than 10 microns; SOx = Sulfur Oxides; NOx = Nitrogen Oxides; VOC = Volatile Organic Compounds; CO= Carbon Monoxide; HAPs= Hazardous Air Pollutants.

Note 2: or the hazardous emission threshold as established in subsection (12)(J) of 10 CSR 10-6.060, whichever is less.

De Minimis and Minor Source New Source Review Permits
(Construction permits including concrete plants and quarries)

Regulated Activities: De Minimis: The modification of a major or minor installation when the modification by itself has the potential to produce emissions below the de minimis level for each regulated air contaminant. An installation with a project with potential emissions above de minimis levels may request voluntary limits to de minimis levels for review under this section.

Minor: The construction or modification of a minor installation, or process, such that the construction or the modification has the potential to emit at or greater than the de minimis level of a regulated air contaminant but less than major source levels per year. (Minor installations are installations with potential emissions greater than the de minimis levels but less than the major source threshold.) Existing installations with potential emissions greater than the major source threshold for New Source Review (NSR) permitting do not qualify for minor permits unless the project emissions are solely hazardous air pollutants and a Maximum Achievable Control Technology standard applies to the equipment.

See Table 1 for emission levels.

There are several source categories that have the option of applying for a permit by rule rather than a de minimis or minor new source review permit application. For more information see *Permit by Rule Notifications*.

The relocation of industrial emission sources designed for and capable of being moved to other sites around the state. Typically this section applies to portable concrete, asphalt or crushing plants. Either a de minimis or minor new source review permit is required initially for a new or modified portable source but is not required again for setup at each relocation. Each new location is evaluated for air quality impact. See *Portable Source Relocation Request* for more information.

Fees: \$100 filing fee
\$50 per hour of review time

Required Documents: Two copies of the completed application form, Application for Authority to Construct, Form MO 780-1323. Supplemental documentation such as air quality modeling may be required for some applications depending on pollutants being emitted. Application for Authority to Construct, Form MO 780-1323 is available online at <http://www.dnr.mo.gov/forms/index.html>. Concrete plants and quarries have the option to submit an electronic Ambient Air Quality Application in lieu of the Application of Authority to Construct. These forms/spreadsheets are available online at: <http://www.dnr.mo.gov/forms/index.html>.

In addition, paper copies of the Application for Authority to Construct form are available by contacting the Air Pollution Control Program at the address or telephone number above.

Length of Permit: This permit does not expire. However, construction must commence within two years of permit issuance. The permit may be revoked if construction is not started within this timeframe. The applicant may apply for an extension for commencing construction as long as the conditions of 10 CSR 10-6.060 (6)(E)2 are applicable.

Pre-Construction Waiver: An applicant may request a pre-construction waiver. This allows construction of the applicable equipment. The department may grant the waiver if all criteria for a waiver are met. An applicant must receive the permit prior to start-up of operations. A fact sheet, Preconstruction Prohibition Waivers PUB 2014, is available online [at http://www.dnr.mo.gov/pubs/index.html](http://www.dnr.mo.gov/pubs/index.html). In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

Processing Time: State regulations require the department to issue a minor new source review permit within 90 days of receipt of a complete application. If additional technical information is requested during the permit review, the time spent by the applicant preparing this information is not included in the 90 days.

Pre-application Meetings: Pre-application meetings or conference calls are encouraged for projects with potential emissions of particulate matter or sulfur oxides greater than 50 tons per year. These projects do require air quality modeling and are more complicated in nature.

Public Participation: None required

Applicable Statutes: RSMo 643.075

Applicable Rules: 10 CSR 10-6.060, 10-6.020, and 10-6.010

Major Source New Source Review Permit (attainment and nonattainment areas)

Regulated Activities: The construction or modification of an installation or process, such that the construction or the modification has the potential to emit more than the major emission level of a regulated air contaminant. See Table 1 for emission levels. For existing major sources, construction or modification that produces a net emissions increase of greater than the de minimis levels will also fall under this review. For these projects, facilities may request a voluntary limit to de minimis levels. In this case the application would be reviewed following the *De Minimis New Source Review Permits* detailed previously.

Table 1: Emission levels of Common Air Pollutants

Pollutant (Note 1)	Insignificant Levels (lbs/hour)	Regulatory <i>De Minimis</i> Levels/ Federal Significance Levels (tons per year)	Major Source Thresholds – Operating Permits and NSR named sources (tons per year)	Major Source Thresholds – NSR Non-named sources (tons per year)
PM ₁₀	1.0	15	100	250
SOx	2.75	40	100	250
NOx	2.75	40	100	250
VOC	2.75	40	100	250
CO	6.88	100	100	250
HAPs	0.5 (Note 2)	10/25	10/25	10/25

Note1: PM10 = particulate matter with diameter less than 10 microns; SOx = Sulfur Oxides; NOx = Nitrogen Oxides; VOC = Volatile Organic Compounds; CO= Carbon Monoxide; HAPs= Hazardous Air Pollutants.

Note 2: or the hazardous emission threshold as established in subsection (12)(J) of 10 CSR 10-6.060, whichever is less.

Fees: \$100 filing fee
\$50 per hour of review time (includes air modeling review time.)

Required Documents: Two copies of a completed Application for Authority To Construct, Form MO 780-1323 available online at <http://www.dnr.mo.gov/forms/index.html>, and documentation of control technology selection (either best available control technology or lowest achievable emission rate). Air quality modeling is required for each pollutant emitted above the de minimis levels. Up to one year’s ambient air monitoring may be required depending on the pollutants being emitted. In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

Length of Permit: This permit does not expire. However, construction must commence within eighteen months of permit issuance. The permit may be revoked or additional modeling or control technology analyses may be required if construction is not started within this timeframe. If construction stops prior to completion of the project and is stopped for more than 18 months, additional modeling and a new control technology analysis may be required.

Pre-Construction Waiver: Applicants subject to major new source review permits do not qualify for pre-construction waivers. Therefore, a new source review permit must be issued before construction begins.

Processing Time: State regulations require the department to issue a major new source review permit within 184 days of receipt of a complete application. If additional technical information is requested during the permit review, the time spent by the applicant preparing this information is not

included in the 184 days. The public comment period and public hearing are both included in this 184-day time frame.

Pre-application Meeting: This is a complex permitting process. Pre-application conferences are strongly encouraged. Communication with the department in the early planning stages of the project helps prevent time delays during the permit review period.

Public Participation: Public notice and opportunity for public hearing are required.

Applicable Statutes: RSMo 643.075

Applicable Rules: 10 CSR 10-6.060, 10-6.020 and 10-6.010

Major New Source Review Hazardous Air Pollutant (HAP) Permit

Regulated Activities: The construction or reconstruction of any new process or production unit which has the potential to emit greater than 10 tons per year of any single HAP or greater than 25 tons per year of combined HAPs; and which is not in a source category covered by a federal standard for reduction of hazardous air pollutant emissions under section 112 of the Clean Air Act of 1990. These federal standards are found in 40 CFR Parts 60 and 63. Installations may request voluntary limits of 10 tons per year of any single HAP and 25 tons per year of combined HAPS. With the voluntary limits, the project would then be reviewed as a de minimis permit.

Fees: \$100 filing
\$50 per hour review

Required Documents: Two copies of a completed Application for Authority to Construct, Form MO 780-1323 available online at <http://www.dnr.mo.gov/forms/index.html>. Documentation that existing emission control equipment constitutes best achievable control technology (BACT), lowest achievable emission rate (LAER), as described in 40 CFR Part 51 or 52; or toxic best available control technology (T-Bact) or maximum achievable control technology (MACT) for the HAPs to be emitted by the process or production unit. If HAP control technology does not currently exist, then documentation that the control technology to be used meets MACT standards for the pollutants to be emitted and that alternative control technologies were considered must be included. The review of the control technology documentation is sometimes called "case by case MACT" review.

Length of Permit: This permit does not expire. However, construction must commence within eighteen months of permit issuance. The permit may be revoked if construction is not started within this timeframe. Construction must commence within 18 month of permit issuance. Permits may be extended, but in no case for more than 30 months after issuance.

- Processing Time: Thirty calendar days to determine if the application is complete; then 30 calendar days to notify the applicant that the proposed MACT is approved or disapproved. If the proposed MACT is approved, the permit must be issued within 90 calendar days of notice that the application is complete. If the proposed MACT is rejected, the applicant has 60 calendar days from the date of receipt of disapproval to provide in writing, additional information for review. In this event, the applicant must be notified within 30 days after the additional information is received if the application will be approved.
- Pre-application Meeting: This is a complex permitting process. Pre-application conferences are strongly encouraged. Communication with the department in the early planning stages of the project helps prevent time delays during the permit review period.
- Public Participation: Public notice and a 30-day comment period is required. Public comments may result in delaying the permit review for the applicant's response to the comments.
- Applicable Statutes: RSMo 643.050
- Applicable Rules: 10 CSR 10-6.060 and 10 CSR 10-6.020

Vapor Recovery Construction Permit

- Regulated Activities: The construction of new gasoline dispensing facilities and any modification to existing gasoline dispensing facilities when the activity may affect the vapor recovery and/or gasoline dispensing equipment. Permits are required only in the St. Louis ozone non-attainment area (Counties of St. Louis, Franklin, Jefferson, St. Charles and St. Louis City). For additional information see the Vapor Recovery Homepage: <http://www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt>
- Fees: \$100 Missouri application fee for facilities in Franklin, Jefferson and St. Charles Counties. Missouri fee waived in St. Louis County and St. Louis City. \$300 County Construction permit fee in St. Louis County. \$100 Construction permit fee in St. Louis City.
- Required Documents: Completed Vapor Recovery System Construction/Operating Permit Application, Form MO 780-1561 available online at <http://www.dnr.mo.gov/forms/index.html>, current California Air Resources Board (CARB) executive order(s) for Stage I and Stage II equipment that will be installed, Missouri Performance Evaluation Test procedures (MOPETP) approval numbers, site-specific plan for layout of dispensers, tanks, products lines and vapor lines including elevation plan and slope.
- Length of Permit: A construction permit is required for each new construction and each regulated modification of an existing facility. The length of each permit is one year.

Average Processing Time:	30 – 60 days. Applications to be submitted at least 60 days prior to beginning construction.
Public Participation:	Not required
Applicable Statutes:	RSMo 643
Applicable Rules:	10 CSR 10-5.220

Open Burning Permit

Regulated Activities: Open burning of tree trunks, tree limbs and vegetation from land clearing operations is allowed only in the out-state area if the burning takes place outside the city limits of any incorporated area or municipality and at least 200 yards from the nearest inhabited dwelling. The out-state area is the geographical area comprising those counties not contained in the Kansas City or St. Louis metropolitan areas or the Springfield-Greene County area.

City or county governments may impose restrictions in addition to Missouri's state regulations. Prior to conducting any open burning, businesses and citizens should contact the city or county of jurisdiction for any local restrictions.

Missouri allows fires to be set for the purpose of training fire fighters. Contact the nearest DNR Regional office or the local agency in the Springfield-Greene County area, St. Louis metropolitan area and Kansas City metropolitan area for requirements. All fire training exercises must be in compliance with 40 CFR part 61 subpart M, *National Emission Standard for Hazardous Air Pollutants*, for asbestos and National Fire Protection Association (NFPA) 1403.

Fees:	None
Required Documents:	Completed application form for permit to open burn vegetative waste The form, MO 780-1941, is available online at http://www.dnr.mo.gov/forms/index.html .
Length of Permit:	Negotiable
Average Processing Time:	Five days
Public Participation:	None required
Applicable Statutes:	RSMo 643
Applicable Rules:	10 CSR 10-2.100, 10-3.030, 10-4.090, and 10-5.070

Operating Permits

Basic, Part 70 and Intermediate/Synthetic Minor Operating Permits

Regulated Activities: Missouri's operating permit program applies to all Missouri installations which have the potential to emit more than the specified de minimis level of any regulated air contaminant. Incinerators and most sources subject to federal New Source Performance Standard(s) and/or National Emission Standards for Hazardous Air Pollutants are required to have an operating permit regardless of potential emissions.

Basic: Installations where potential emissions are greater than the de minimis level, but less than 100 tons per year of any non-HAP pollutant.

Part 70: Installations with potential emissions exceeding 100 tons per year of any non-Hazardous Air Pollutant (HAP), or 10 tons per year of any single HAP, or 25 tons per year of two or more HAPs.

Intermediate or Synthetic Minor: Installations with potential emissions above the major source level, that choose to take voluntary limits on their operations to keep emissions below the major source threshold. These conditions are called *Federally Enforceable Permit Conditions*, and the limited emissions become the installation's new potential emissions.

Installations that obtain a construction permit limiting actual emissions to less than de minimis levels are called **Synthetic De Minimis** and are not required to obtain an operating permit as long as there are no other federal requirement(s) to obtain an operating permit.

Fees: \$100 filing fee

Required Documents: Completed Operating Permit application, Form MO 780-1519 available online at <http://www.dnr.mo.gov/forms/index.html>. for Part 70 and Intermediate installations and Basic Operating Permit Notification, Form MO 780-1872 for basic installations available online at <http://www.dnr.mo.gov/forms/index.html>. New Part 70 installations must apply within one year of starting up operations. Other new installations must apply within 30 days of start up. Renewal applications must be filed no sooner than 18 months and no later than 6 months before expiration. In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

Length of Permit: Five years from date of issuance.

Processing Time: It may take up to 18 months to issue a Part 70 operating permit. Intermediate and Basic State operating permits are generally issued in less than 18 months.

Public Participation: Public notice and opportunity for public hearing are required on all Part 70 and Intermediate operating permits.

Applicable Statutes: RSMo 643.078

Applicable Rules: 10 CSR 10-6.065, and 10 CSR 10-6.020

Vapor Recovery Operating Permit

Regulated Activities: An operating permit is required upon completion of a new gasoline dispensing facility and upon completion of regulated modifications to an existing gasoline dispensing facility. Existing gasoline dispensing facilities must submit an application for an operating permit upon notification by the department, completion of construction or 60-days prior to expiration of current operating permit. Permits are required only in the St. Louis ozone non-attainment area (Counties of St. Louis, Franklin, Jefferson, St. Charles and St. Louis City). For additional information see the Vapor Recovery Homepage:
<http://www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt>

Fees: \$100 Missouri State application fee for facilities in Franklin, Jefferson and St. Charles Counties. State operating permit fee for new construction and modifications should be submitted with the construction permit application and fee. Missouri State fee waived in St. Louis County and St. Louis City. St. Louis County fee for new stations \$300 per facility and \$100 per emission point (nozzles and tanks). \$100 fee for St. Louis City.

Required Documents: Completed Vapor Recovery System Construction/Operating Permit Application, Form MO 780-1561 available online at <http://www.dnr.mo.gov/forms/index.html>, current California Air Resources Board (CARB) executive order(s) for Stage I and Stage II equipment that is/will be installed, MOPETP approval numbers, site-specific plan for layout of dispensers, tanks, product lines and vapor lines including elevation plan and slope (if available on existing facilities), proof of passage of pressure decay test, back pressure blockage test and pressure/vacuum valve bench test.

Length of Permit: Permits will be issued for five years. New operating permits will be issued whenever the facility undergoes a regulated modification.

Average Processing Time: 30 – 60 days

Public Participation: Not required

Applicable Statutes: RSMo 643

Applicable Rules: 10 CSR 10-5.220

Permit by Rule Notifications

Regulated Activities:	There are several source categories that have the option of applying for a permit by rule rather than a de minimis or minor new source review permit application. The permit by rule application contains conditions of operation. Once the installation accepts these conditions and submits the applicable application, the department reviews and quickly issues a permit by rule. At the time of publication, permit by rule was available for the following source categories: printing operations, crematories and animal incinerators, surface coating and livestock markets.
Fees:	\$700 flat fee covers filing and review time.
Required Documents:	Application for Authority to Construct, Permit by Rule Notification, Forms MO 780-1886, MO 780-1887, MO 780-1888 and MO 780-1889 are available online at http://www.dnr.mo.gov/forms/index.html . In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.
Length of Permit:	This permit does not expire.
Processing Time:	7 days
Public Participation:	None required
Applicable Statutes:	RSMo 643.075
Applicable Rules:	10 CSR 10-6.062, 10-6.020 and 10-6.010

Portable Source Relocation Request (often portable concrete, asphalt or crushing plants)

Regulated Activities:	The relocation of industrial emission sources designed for and capable of being moved to other sites around the state. Typically this section applies to portable concrete, asphalt or crushing plants. Either a de minimis or minor new source review permit is required initially for a new or modified portable source but is not required again for setup at each relocation. Each new location is evaluated for air quality impact.
Fees:	Previously approved sites: No review fee. Relocation to new sites: \$200 flat fee is required. No additional review fee is charged.
Required Documents:	Report of Portable Source Relocation form, maps of location, source layout and associated site specific documentation (haul roads/storage pile information). The relocation forms are found on pages 14-16 of the Application for Authority to Construct, Form MO 780-1323 available online at http://www.dnr.mo.gov/forms/index.html . In

addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number above.

Length of Permit: The relocation permit is valid for two years from date of starting operations at an approved site or until the date specified in the approved relocation request.

Processing Time: 7 days for previously approved locations that have no change in operation.
21 days for new location for previously permitted equipment.

Public Participation: None required

Applicable Statutes: RSMo 643.075

Applicable Rules: 10 CSR 10-6.060, 10-6.020 and 10-6.010

Quarries

See *De Minimis and Minor Source New Source Review Permits*.

Dam Safety Permits

Missouri Department of Natural Resources
Water Resources Center, Dam and Reservoir Safety Program
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2175

Construction Permit

Regulated Activities:	Construction and modification of all non-federal, non-agricultural dams at least 35 feet tall.
Fees:	None
Required Documents:	Completed construction application form, plans, specifications, engineering calculations and certifications. Application forms available online at http://www.dnr.mo.gov/forms/index.html .
Length of Permit:	Issued for up to one year but can be extended as needed to complete construction project.
Average Processing Time:	45 days
Applicable Rules:	10 CSR 22-3.040

Registration and Safety Permit

Regulated Activities:	Operation of any non-federal, non-agricultural dams at least 35 feet tall.
Fees:	None
Required Documents:	Completed application form, an inspection report, engineering calculations, certifications and a maintenance and operation plan. Inspections for first registration permit and renewal inspections for both registration and safety permits are performed by Dam and Reservoir Safety Program (DRSP) staff at no cost to the owner. Application forms available online at http://www.dnr.mo.gov/forms/index.html .
Length of Permit:	Up to five years.
Average Processing Time:	45 days
Public Participation:	None required
Applicable Statutes:	RSMo 236.400 through 236.500
Applicable Rules:	10 CSR 22-3.020, 22-3.030 and 22-3.050

Hazardous Waste Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-3176

Or contact your nearest regional office of the department.

Drycleaning Environmental Response Trust (DERT)

Regulated Activities: Any commercial dry cleaning operation that uses chlorinated solvents to clean garments. Dry cleaning facilities located in prisons, governmental entities, hotels, motels, and industrial laundry facilities are excluded from this rule. Facilities that use non-chlorinated solvents are exempt from these rules.

Fees: Based on use of chlorinated dry cleaning solvent usage in the previous calendar year.

Size of Dry Cleaner	Gallons of Chlorinated Solvent Used	Annual Registration Fee
Small	0 to 140	\$500
Medium	141 to 360	\$1,000
Large	>360	\$1,500

Required Documents: A completed Dry Cleaner Registration Form MO 780-1745 available online at <http://www.dnr.mo.gov/forms/index.html> and applicable registration fee.

Length of Registration: One year, registration forms must be submitted each April 1 for the previous calendar year

Average Processing Time: 10 days

Public Participation: Not applicable

Applicable Statutes: Section 260.900 through Section 260.965, RSMo

Applicable Rules: 10 CSR 25-17.010 through 10 CSR 25-17.170

Hazardous Waste Facility Permit and Resource Recovery Certifications

Hazardous Waste Facility Permit

Regulated Activities:	The construction and operation of facilities that treat store and/or dispose of hazardous waste. All facilities issued a hazardous waste permit are required to investigate and clean up hazardous waste pollution resulting from present and past practices.
Fees:	The application fee is \$1,000. When a permit is issued, an additional \$1,000 is required for each year the permit will be in effect. The applicant must also reimburse the department for all reasonable costs incurred by the department during permit review.
Required Documents:	Completed RCRA Hazardous Waste Part A Permit Application and Hazardous Waste Management Facility Application Form available online at http://www.dnr.mo.gov/forms/index.html . including necessary engineering plans, reports, financial assurance instruments, habitual violator form and other documents. Air or water pollution permits may also be required.
Length of Permit:	10 years, maximum
Average Processing Time:	495 days (timeframe varies depending on the complexity of the facility)
Public Participation:	Complete application made available for public review. Draft permit made available for public review and 45-day public comment period. Public meeting or hearing upon request. News releases on all major-permitting milestones.
Applicable Statutes:	Section 260.350 through Section 260.552, RSMo
Applicable Rules:	10 CSR 25

Resource Recovery Certification

Regulated Activities:	Facilities that recycle hazardous waste through reclaiming or reusing or transforming hazardous waste into new products that are no longer hazardous. Not required by federal government. These are state requirements beyond federal law.
Fees:	The application fee is \$500 for facilities handling only on-site waste and \$1,000 for facilities accepting off-site waste. The applicant must also reimburse the department for all reasonable costs incurred by the department during certification application review.
Required Documents:	Completed Certified Resource Recovery Facility Application Form MO 780-1163 including process details. Air or water pollution permits

may also be required. Certified Resource Recovery Facility Application form is available online at <http://www.dnr.mo.gov/forms/index.html>.

Length of Certification: Two years

Average Processing Time: 90 days

Public Participation: None required, but performed if needed

Applicable Statutes: Section 260.350 through Section 260.552, RSMo

Applicable Rules: 10 CSR 25-9

Hazardous Waste Generator Registration

Regulated Activities: Missouri hazardous waste generation, manifesting, storage and record keeping. Required of Missouri generators only.

Fees: New registrations or reactivation of an inactive registration fee is \$100. Annual renewal fee is \$100 to maintain an active registration. Generator fees based on volume of waste produced.

Required Documents: Completed Notification of Regulated Waste Activity Form MO 780-1164 available online at <http://www.dnr.mo.gov/forms/index.html>, including periodic manifest summary reports.

Length of Registration: Valid until registrant requests deactivation.

Average Processing Time: 10 days

Public Participation: Not applicable

Applicable Statutes: Section 260.350 through Section 260.552, RSMo

Applicable Rules: 10 CSR 25-5.262 (Registration) and 10 CSR 25-12.010 (Fees)

Hazardous Waste Transporter License

Issued by MoDOT, Motor Carrier Services Unit <http://www.modot.org/mcs/index.htm>

Regulated Activities: Transportation of hazardous wastes that require a hazardous waste manifest; certain exceptions apply. Also required for the transportation of used oil and infectious waste.

Fees: The application fee is \$200 plus a user fee based on weight of power units, % of MO miles and % of hazardous waste of MO shipments. No fee is required for the completed Notification of Regulated Waste Activity Form (MO 780-1164) unless the transporter is also registering as a hazardous waste generator (please refer to the Generator Registration Section). Notification of Regulated Waste Activity Form

MO 780-1164 is available online at
<http://www.dnr.mo.gov/forms/index.html>.

Required Documents: Completed application form (MoDOT, Motor Carrier Services Unit <http://www.modot.org/mcs/index.htm>) Certificate of Corporate Good Standing (Secretary of State's Office <http://www.sos.mo.gov/>) , Insurance Form E and disclosure statement and Completed Notification of Regulated Waste Activity Form MO 780-1164 to obtain an EPA Identification Number if one has not already been issued to the transporter. Notification of Regulated Waste Activity Form MO 780-1164 is available online at <http://www.dnr.mo.gov/forms/index.html>.

Length of License: One year

Average Processing Time: 90 days first time, 60 days for renewal

Public Participation: None required

Applicable Statutes: Section 260.395, RSMo

Applicable Rules: 10 CSR 25-6.263, 10 CSR 25-12.010

Polychlorinated Biphenyl (PCB) Facility Permit

Regulated Activities: The construction and operation of facilities that commercially treat or dispose of PCBs. Facilities that only broker or store PCBs are not required to be permitted. However, all PCB storage areas must be registered with the U.S. Environmental Protection Agency (EPA) for manifest reasons. Permits will be coordinated with those required by the EPA under the Toxic Substances Control Act (TSCA).

Fees: The application fee is \$1,000. When a permit is issued, an additional \$1,000 is required for each year the permit will be in effect. The applicant must also reimburse the department for all reasonable costs incurred by the department during permit review.

Required Documents: Completed Polychlorinated Biphenyl (PCB) Facility Application (MO 780-1897), including necessary engineering plans, reports and other documents. Air or water pollution permits may also be required. Polychlorinated Biphenyl (PCB) Facility Application MO 780-1897 available online at <http://www.dnr.mo.gov/forms/index.html>.

Length of Permit: Ten years, maximum

Average Processing Time: 495 days (timeframe varies depending on the complexity of the facility)

Public Participation: Complete application made available for public review. Draft permit made available for public review and 45-day public comment period.

Public meeting or hearing upon request. News releases on all major-permitting milestones.

Applicable Statutes: Section 260.396, RSMo

Applicable Rules: 10 CSR 25-13

Underground Storage Tank Registration

Includes underground petroleum storage tanks. (Petroleum or a Comprehensive Environmental Response, Compensation and Liability Act, CERCLA, listed hazardous substance)

Regulated Activities: Register any underground storage tank (UST) in operation on or after Jan. 1, 1974 that contains petroleum or a hazardous substance listed in Section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

Fees: The registration fee is \$75 per UST payable every five years.

Required Documents: Completed Petroleum Storage Tank Registration Form MO 780-1782 available online at <http://www.dnr.mo.gov/forms/index.html>. The UST owner must submit a notice of intent to install USTs to the department 30 days before any new UST installation. The notice must include the owner's name, facility name and location, expected installation date and expected use date. The UST owner must submit the registration form within 30 days of bringing the UST into use.

The UST owner must submit an amended registration form when information previously submitted to the department changes. The UST owner must submit a UST Closure Notice to the department 30 days before the scheduled closure or removal of any regulated UST.

Length of Registration: A Certificate of Registration for facilities in compliance is valid for as long as the facility information or tank equipment stays the same. An updated registration form is required if the owner information or tank equipment and operation changes.

Average Processing Time: 10 days

Public Participation: Not applicable

Applicable Statutes: Section 319.100 through Section 319.139, RSMo

Applicable Rules: 10 CSR 20-10.010 through 10 CSR 20-10.074

Historic Preservation

Missouri Department of Natural Resources
Division of State Parks
State Historic Preservation Office
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-7858

The State Historic Preservation Office (SHPO) conducts reviews and provides comments on historic properties and possible effects, for all projects that are federally funded, licensed, or permitted, either directly through the federal agency, or by delegation of the federal agency to the states. For example, Community Development Block Funds (CDBG) originate with the U.S. Department of Housing and Urban Development, which has delegated certain responsibilities for compliance to the Missouri Department of Economic Development. If you are in doubt as to a federal connection to your project, contact the State Historic Preservation Office at (573) 751-7858.

Section 106 Review

Regulated Activities: The SHPO staff reviews projects that are federally funded, licensed or permitted, and comments are made on presence/absence of historic properties and effects of the proposed project on historic properties.

Fees: None

Required Documents: Completed Section 106 Project Information Form, which may be downloaded from the SHPO Web site at <http://www.dnr.mo.gov/forms/index.html>. Please note that supporting documentation is listed on the form and may include, as appropriate for your project, 7-1/2 min. USGS topographic maps, street maps, project specific maps, black and white or color print photographs or high resolution digital photographs.

Average Processing Time: Section 106 provides that the SHPO be given 30 calendar days from receipt of information. If a submission is incomplete, a request for additional information is sent to the applicant, and ends the 30-day review period. Additional information submitted to the SHPO starts the 30 days review period over again. If historic properties are identified near or within a project area of potential effect, further steps may be required, which may increase the review and comment time.

Public Participation: Public notice and an opportunity for public comment is required.

Applicable Laws: National Historic Preservation Act of 1966 (P.L. 89-665, as amended). This may be downloaded from the Advisory Council on Historic Preservation Web site at www.achp.gov.

Applicable Regulations: 36 CFR Part 800, Protection of Historic Properties. This may be downloaded from the Advisory Council on Historic Preservation Web site at www.achp.gov.

Land Reclamation Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Land Reclamation Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4041

Coal Exploration Permit

- Regulated Activities:** Coal-exploration activities, including both drilling and pit excavation. There are separate permit requirements for those operations that include either significant surface disturbance or removal of more than 250 tons of coal.
- Fees:** The application fee is \$100. A minimum reclamation bond of \$5,000 must be posted for drilling operations and full-cost bonding is required for other exploration activities.
- Required Documents:** Completed application forms available by contacting the Land Reclamation Program at (573) 751-4041.
- Length of Permit:** One year for drilling; others established individually.
- Average Processing Time:** Two weeks for exploratory drilling; 90 days for permits involving significant disturbance.
- Public Participation:** Public notice and 30 day comment period.
- Applicable Statutes:** RSMo 444.845
- Applicable Rules:** 10 CSR 40-4.010, and 40-6.020

Industrial Mineral Surface Mining Permit

- Regulated Activities:** The surface mining of sand and/or gravel, limestone, granite, traprock, tar sands, clay, barite, sandstone, oil shale, sand and shale. One set of forms is available for in stream sand and gravel operations and another set of forms is available for open pit operations.
- Fees:** Effective August 28th, 2007, the annual application fee is \$800, plus \$10 per permitted acre and \$400 per site. A maximum fee is set at \$3,000 and small sand and gravel operators pay \$300 total. A minimum reclamation bond of \$8,000 must be posted on all operations, except instream gravel mining. This bond covers up to eight acres. An additional bond of \$500 per acre is required for each additional acre.
- Effective August 28th, 2007, a geologic resource fee for each industrial mineral operator will be set as follows. The annual application fee is

\$50, plus \$6 per permitted acre and \$50 per site. A maximum fee is set at \$3,500 and small sand and gravel operators will not be assessed a fee.

In-Stream Sand and Gravel Operations

Required documents
for new permits:

In-Stream Sand And Gravel information available online at <http://www.dnr.mo.gov/forms/index.html> includes:

- In Stream Sand and Gravel Mining Operations, Instructions and Definitions Form MO 780-1742
- Permit Application for Industrial Mineral Mines Form MO 780-1007
- Site Information Form MO 780-1036
- Company Information Form MO 780-1928
- Consent to Entry Form MO 780-1329
- Sand and Gravel Excavation Plan Form MO 780-1895
- Public Notice for New Permit

Other documents
required if not a
new permit:

These other documents are also available online at <http://www.dnr.mo.gov/forms/index.html>.

- Permit Renewal for Industrial Mineral Mines Form MO 780-1780
- Public Notice to Renew Permit
- Public Notice Permit Revision
- Public Notice to Transfer Permit
- Public Notice Permit Expansion
- Public Notice for combined Permit Transfer and Expansion
- Annual Operations Status Report (must be submitted annually to report activities) Form MO 780-1884

Length of Permit: 12 months

Average Processing
Time: 60 - 90 days if no hearing requested.

Public Participation: Public notice required on new or expanded operations and transfers.

Applicable Statutes: RSMo 444.760 through 444.790

Applicable Rules: 10 CSR 40-10

Open Pit Operations

Required documents
for new permits:

These forms are available online at <http://www.dnr.mo.gov/forms/index.html>.

- Open Pit (Quarry) Mining Operations, Instructions and Definitions Form MO 780-1743
- Permit Application For Industrial Mineral Mines Form MO 780-1007

- Site Information Form MO 780-1036
- Company Information Form MO 780-1928
- Consent to Entry Form MO 780-1329
- Mine Plan Form MO 780-1327
- Public Notice for New Permit

For Bonding at an Open Pit Operation, please provide one form of bonding. These forms are available at <http://www.dnr.mo.gov/forms/index.html>.

- Surety Bond for Surface Mining of Minerals Form MO 780-0016
- Personal Bond Secured By A Certificate Of Deposit Form MO 780-0936
- Assignment Of Certificate Of Deposit (if bond provided by Certificate of Deposit) Form MO 780-1342
- Personal Bond Secured by an Irrevocable Letter Of Credit Form MO 780-1472

Other documents required if not a new permit:

These other documents are available online at <http://www.dnr.mo.gov/forms/index.html>.

- Permit Transfer Form MO 780-1333
- Permit Renewal for Industrial Mineral Mines Form MO 780-1780
- Public Notice to Renew Permit
- Public Notice Permit Revision
- Public Notice to Transfer Permit
- Public Notice Permit Expansion
- Public Notice for combined Permit Transfer and Expansion
- Confirmation of Irrevocable Letter of Credit (if original Letter of Credit conditions have changed) Form MO 780-0015
- Status Report (must be submitted annually to report activities) Form MO 780-1885

Metallic Mineral Waste Management Permit

Regulated Activities:	The disposal of waste from metallic minerals mining, beneficiation and processing.
Fees:	Permit Fee - \$10,000 initial fee per facility and \$7,500 renewal fee per facility. Financial Assurance - \$1,000 per permitted acre but not less than \$20,000 per facility.
Required Documents:	The permit consists of an Inspection-Maintenance and Closure Plan that is available by contacting the Land Reclamation Program at (573) 751-4041. Coordination with Air Pollution Control Program, Water Pollution Control Program, Dam Safety Program, Solid Waste Management Program, Hazardous Waste Management Program and Underground Injection Control regulations are required.
Length of Permit:	Indefinite, but reviewed every five years.

Average Processing Time: 90 days of receipt of a completed application.

Public Participation: No public notice required

Applicable Statutes: RSMo 444.350 through 444.380

Applicable Rules: 10 CSR 45-1 through 10 CSR 45-8

Surface Coal Mine and Reclamation Permit

Regulated Activities: Surface coal mine operations and the surface-disturbed areas of underground coal mines.

Fees: The application fee is \$100, plus \$100 per permitted acre. A full cost reclamation bond must be posted, meaning that an assessment of real reclamation costs will be jointly calculated and bonding set at the negotiated level of liability. In addition, there is an annual permit fee of \$100 and a \$100 permit renewal fee every five years.

Required Documents: Completed application forms that are available by contacting the Land Reclamation Program at (573) 751-4041. The forms cover both operating and reclamation plans. In addition other permitting from air pollution, water pollution, U.S. Army Corps of Engineers, and Mine Safety and Health Administration (MSHA) may be required.

Length of Permit: Five years

Average Processing Time: 120 days

Public Participation: Public notice and 60-day comment period prior to and 30-day after issuance.

Applicable Statutes: RSMo 444.800 through 444.970

Applicable Rules: 10 CSR 40-3 through 10 CSR 40-8

Major Water Users

Missouri Department of Natural Resources
Water Resources Center
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-7823

Major Water Users Registration

- Regulated Activities:** In 1983, the Missouri General Assembly passed a law requiring all major water users to register their water use annually. A major water user is defined as any person, firm, corporation, agency of the state of Missouri or any political subdivision with a water source and necessary equipment to withdraw or divert 100,000 gallons or more per day from any stream, river, lake, well, spring or other water source. This means that anyone with equipment capable of pumping or diverting water at seventy gallons per minute or more may be considered to be a major water user. However the law does not apply to dredging operations or water withdrawn from ponds which collect and hold surface water and which are located upon property owned or leased by the withdrawer “so long as the common law rights of the downstream owners are not abridged”.
- Fees:** None
- Required Documents:** Completed Water-Use Inventory form, a Source of Water form and a map showing the location of the water source by section, township and range. Forms or online submittal available at <http://www.dnr.mo.gov/env/wrc/waterusestatutes.htm>
- Length of Permit:** For the life of the water source. This is a registration; no permit is issued. Water use must be submitted annually before March 31.
- Average Processing Time:** Two weeks
- Public Participation:** None
- Applicable Statutes:** RSMo 256.400 through 256.430

Oil and Gas Well Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program - Wellhead Protection Section
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2168
(573) 368 2317 FAX

Construction/Operation Permits

Regulated Activities:	Construction and operation of all oil, gas and injection wells related to oil or gas production.
Fees:	None
Required Documents:	Completed application package, which includes organization report form, bond, survey and completion reports. Contact Water Protection Public Drinking Water Program Wellhead Protection Section at (573) 368-2168 for application package.
Length of Permit:	Life of the well operation. Injection well permits are reviewed every five years.
Average Processing Time:	15 days
Public Participation:	None for oil and gas production wells; injection wells require a public notice and 15 day comment period.
Applicable Statutes:	RSMo 259.010 through 259.230
Applicable Rules:	10 CSR 50-1.010 through 50-5.010

Operator Certifications

Missouri Department of Natural Resources
Division of Environmental Quality
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-6892 or toll free at 1-800-361-4827

Asbestos Abatement Occupational Certification

Missouri Department of Natural Resources
Air Pollution Control Program
Asbestos Compliance Unit
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4817

- Regulated Activities: Occupational involvement in an asbestos abatement projects including workers, supervisors, inspectors, management planners, project designers and air sampling professionals.
- Fees: \$75 per certificate for all except workers
\$25 per certificate for all workers
\$5 renewal fees
- Required Documents: Completed application forms; certificates of the appropriate Missouri accredited training; documentation as required for the different certifications including proof of experience, education or certification in other specialties. Application Form MO 780-1224 available online at <http://www.dnr.mo.gov/forms/index.html>.
- Length of Permit: One year except for the air sampling professional, which is a lifetime certificate.
- Average Processing Time: Three weeks
- Public Participation: None required
- Applicable Statutes: RSMo 643.225 through 643.250
- Applicable Rules: 10 CSR 10-6.250

Backflow Prevention Assembly Tester Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5331

Regulated Activities:	Requirements for those individuals desiring to be certified backflow prevention assembly testers.
Fees:	Examination fees are established by third party certification organizations. Additional fees for training may apply.
Required Documents:	Any person seeking to be a certified tester must successfully pass the written and performance examination provided through either the American Backflow Prevention Association (ABPA) or the American Society of Sanitary Engineering (ASSE). Both certification programs require a third-party proctor to administer the written and performance examinations.
Length of Certification:	Three years
Average Processing Time:	21 days
Applicable Statutes:	RSMo 640.100
Applicable Rules:	10 CSR 60-11.030

Blaster Certification – Surface Coal Mining

Missouri Department of Natural Resources
Division of Environmental Quality
Land Reclamation Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-4041
(573) 751-0534 FAX

Regulated Activities:	Coal mining and exploration activities, which require the use of explosives to aid in the removal of the raw coal. The purpose is to govern the training, examination, certification and enforcement of a blaster certification program for surface coal mining operations.
Fees:	The certification application and recertification issuance fees are \$100. Reexamination and temporary certificate fees are \$25.
Required Documents:	The applicant must complete an application form, provide verification of training courses attended and submit verification of experience or on-the-job training, or both. The applicant must have completed an approved training course of at least two days in length. For recertification, the course shall be at least one day in length and cover the practical applications outlined in 10 CSR 40-3.160(3)(A). A written test is being required for Missouri certification.
Length of Certification:	Regular certification is for three years and temporary certification is for six months, or not to exceed the balance of the time left on the blaster certificate, which was issued by a state that has an Office of Surface Mining approved blaster certification program.

Average Processing Time: Certificates will be issued within 15 working days after submitting the required documentation and completing an examination administered by the state of Missouri.

Public Participation: Public notice is not required.

Applicable Statutes: RSMo 444.855.2.(15)(d)

Applicable Rules: 10 CSR 40-3.160

Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate

Drinking Water Treatment Supply Operator Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5331

Regulated Facilities: All community and nontransient noncommunity public water systems and those transient noncommunity public water systems that use surface water or groundwater under the direct influence of surface water. This classification determines the certification level that the system's chief operator and those who make process control system integrity day to day decisions must possess.

Fees: Examination - \$45 (includes certificate when passed)
Renewal - \$45
Reciprocity - \$65

Required Documents: Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at <http://www.dnr.mo.gov/forms/index.html>

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 640.100

Applicable Rules: 10 CSR 60-14.010, 60-14.020 and 60-14.030

Distribution Drinking Water Operator Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5331

Regulated Activities: All community and nontransient noncommunity public water systems and those transient noncommunity public water systems that use surface water or groundwater under the direct influence of surface water. This classification determines the certification level that the system’s chief operator and those who make process control system integrity day to day decisions must possess.

Fees: Examination - \$45 (includes certificate when passed)
Renewal - \$45
Reciprocity - \$65

Required Documents: Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at <http://www.dnr.mo.gov/forms/index.html>

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 640.100

Applicable Rules: 10 CSR 60-14.010, 60-14.020 and 60-14.030

Wastewater Treatment Operator Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Water Pollution Control Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-1300

Regulated Activities: All wastewater treatment facilities owned or operated by or for municipalities, public water or sewer districts, counties, private sewer companies regulated by the Public Service Commission and any state or federal agencies serving population equivalents greater than 200 or with 50 or more service connections are required to have operators and supervisors certified in wastewater treatment systems depending on level of certification. All other systems are exempt. All operators of wastewater treatment systems included in 10 CSR 20-9.020 (2)(C) subsection (2)(A) of this rule shall possess, as a minimum, a level “D” certificate of competency issued by the department.

Fees: Examination - \$45 (includes certificate when passed)
 Renewal - \$45
 Reciprocity - \$65

Required Documents: Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at <http://www.dnr.mo.gov/forms/index.html>

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 644.026

Applicable Rules: 10 CSR 20-9.020, 20-9.030 and 20-9.040

Concentrated Animal Feeding Operations (CAFO) Certificate

Missouri Department of Natural Resources
 Division of Environmental Quality
 Water Protection Program – Water Pollution Control Branch
 P.O. Box 176
 Jefferson City, MO 65102-0176
 (573) 751-1300

Regulated Activities: Requirements for operation by certified personnel shall apply to Class IA wet and dry handling CAFO waste management systems. All other CAFO waste management systems are exempt from this rule unless the department determines that certified personnel are necessary to protect the waters of the state from pollution or the placement of a contaminant in a location where it is reasonably certain to cause pollution of any waters of the state. Voluntary certification is available for CAFO operators and supervisors at facilities that are exempt.

Fees: Examination - \$45 (includes certificate when passed) Renewal - \$45
 Reciprocity - \$65.

Required Documents: Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at <http://www.dnr.mo.gov/forms/index.html>

Completed a 30-hour department approved for wet CAFO waste handling course prior to the examination.

Completed an 18-hour department approved for dry CAFO waste handling course prior to examination.

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 644.026

Applicable Rules: 10 CSR 20.14.010, 20.14.020 and 20.14.030

Solid Waste Technician Certification

Missouri Department of Natural Resources
Solid Waste Management Program
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5401

Regulated Facilities: All Missouri Department of Natural Resources permitted solid waste disposal areas are required to be operated under the direction of a certified solid waste technician.

Fees: Certification courses are free. There is a charge for the training manual.

Required Documents: Completed application form. Contact Solid Waste Management Program for technician certification form.

Length of Certification: Three years from the date the final course examination was taken and passed with a minimum percent score of 70.

Average Processing Time: Five working days after completion of examination.

Applicable Statutes: RSMo Section 260.200 and 260.205

Applicable Rules: 10 CSR 80-2.010 and 80-2.060

Well Driller/Pump Installer Permit

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Wellhead Protection Section
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2165
(573) 368-2317 FAX

Regulated Activities: Separate permits required for a water well, heat pump, monitoring well, test hole and/or pump installation contractor to operate in the state. A restricted permit is required for those who contract or supervise regulated activity. A non-restricted permit is required for those who do the regulated activity.

Fees: Contractor: \$100 for each regulated activity.

Rigs: \$100

Testing: \$40 for each type of test. This fee is for the one time proficiency exam required to be passed prior to issuing a permit to operate in Missouri.

Required Documents: Completed application with correct fee. A completed experience voucher is required for a non-restricted permit. Contact Water Protection Public Drinking Water Program Wellhead Protection Section at (573) 368-2168 for application.

Length of Permit: One year

Average Review Time: 15 days

Applicable Statutes: RSMo 256.607, 256.611, 256.613, 256.617 and 256.623

Applicable Rules: 10 CSR 23-1.050, 23-1.060, 23-1.080, 23-1.090, 23-1.105, 23-1.155 and 23-2.010

Public Drinking Water Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176 (573) 751-5331
Or contact your nearest regional office of the department.

Certification

Drinking Water Treatment Supply Operator Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5331

Regulated Facilities: All community and nontransient noncommunity public water systems and those transient noncommunity public water systems that use surface water or groundwater under the direct influence of surface water. This classification determines the certification level that the system's chief operator and those who make process control system integrity day to day decisions must possess.

Fees: Examination - \$45 (includes certificate when passed)
Renewal - \$45
Reciprocity - \$65

Required Documents: Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at <http://www.dnr.mo.gov/forms/index.html>

Length of Certification: Three years

Average Processing Time: You must apply at least 30 days prior to examination.

Applicable Statutes: RSMo 640.100

Applicable Rules: 10 CSR 60-14.010, 60-14.020 and 60-14.030

Distribution Drinking Water Operator Certification

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Public Drinking Water Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-5331

Regulated Activities:	All community and nontransient noncommunity public water systems and those transient noncommunity public water systems that use surface water or groundwater under the direct influence of surface water. This classification determines the certification level that the system's chief operator and those who make process control system integrity day to day decisions must possess.
Fees:	Examination - \$45 (includes certificate when passed) Renewal - \$45 Reciprocity - \$65
Required Documents:	Completed application form with supporting documentation on employment and education. Application Form MO 780-1089 available online at http://www.dnr.mo.gov/forms/index.html
Length of Certification:	Three years
Average Processing Time:	You must apply at least 30 days prior to examination.
Applicable Statutes:	RSMo 640.100
Applicable Rules:	10 CSR 60-14.010, 60-14.020 and 60-14.030

Construction Permit

Regulated Activities:	The construction, expansion or modification of a public water system, a water supply source, water storage, distribution system or treatment facility. A public water system is one that has at least 15 or more service connections or regularly serves an average of 25 consumers per day at least 60 days out of the year.
Fees:	None
Required Documents:	Completed Application Form for A Construction Permit Form MO 780-0701 available online at http://www.dnr.mo.gov/forms/index.html , engineering report, detailed plans and specifications.
Length of Permit:	Two years
Average Processing Time:	45 days
Public Participation:	None required
Applicable Statutes:	RSMo 640.115
Applicable Rules:	10 CSR 60-3.010 and 60-10.010

Permit to Dispense

Regulated Activities:	Required for the operation of a new, improved or existing public water system.
Fees:	No fees for permit. There are annual primacy and laboratory services fees, based on type of facility and population.
Required Documents:	Completed application for permit to dispense water form with supporting documentation as to reliable water system operation, water quality meeting applicable maximum contaminant levels, acceptable water system construction, and completion of an emergency operating plan. Application for permit to dispense water is available online at http://www.dnr.mo.gov/forms/index.html .
Length of Permit:	Effective until revoked
Average Processing Time:	60 days
Public Participation:	None required
Applicable Statutes:	RSMo 640.115
Applicable Rules:	10 CSR 60-3.010 and 60-16.030

Solid Waste Permits

Missouri Department of Natural Resources

Division of Environmental Quality

Solid Waste Management Program

P.O. Box 176

Jefferson City, MO 65102-0176

(573) 751-5401

Or contact your nearest regional office of the department.

Infectious Waste Processing Facility

Construction Permit

Regulated Activities: The construction of off-site infectious waste treatment or processing facilities. If the treatment or processing facility is a hospital as defined in Chapter 197, RSMo, it may be exempt from permit requirements.

Fees: The application fee is \$1,000. The application also must reimburse the department for all reasonable costs incurred by the agency in the course of the permit review, to a maximum of \$4,000.

Required Documents: Completed application form, design and operating plans and specifications, and history of past environmental violations. In addition, air pollution or water pollution permits may be required. Forms may be obtained by calling the Solid Waste Management Program at (573) 751-5401.

Length of Permit: Coincides with the facility's anticipated life.

Average Processing Time: 6 to 12 months

Public Participation: Public notice required; public hearing upon request.

Applicable Statutes: RSMo 260.200 through 260.345

Applicable Rules: 10 CSR 80-2.010, 80-2.020, 80-2.070, 80-5.010 and 80-7.010

Operating Permit

Regulated Activities: The operation of infectious waste processing facilities.

Fees: Not applicable

Required Documents: Quality assurance/quality control documents and owner certification form. Forms may be obtained by calling the Solid Waste Management Program at (573) 751-5401.

Length of Permit: Coincides with the processing facility's anticipated life.

Average Processing Time: 60 days

Public Participation: Not applicable

Applicable Statutes: RSMo 260.200 through 260.345

Applicable Rules: 10 CSR 80-2.020

Scrap Tire End-User Registration

Regulated Activities: The use of scrap tires as a fuel or as a useable product, including baled or compressed tires used in structures, recreational facilities or for erosion control. Prior approval is required if more than 100 scrap tires are used for any purpose.

Fees: None

Required Documents: Registration Form MO 780-1594 available online at <http://www.dnr.mo.gov/forms/index.html>. Inventory of unprocessed scrap tires cannot exceed the number that can be used in six months and the inventory of processed tires cannot exceed two times that of the unprocessed tires. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.

Length of Permit: Issued for the life of the facility.

Average Processing Time: One to four weeks

Public Participation: Not required

Applicable Statutes: 260.200 through 260.345

Applicable Rules: 10 CSR 80-8.060

Scrap Tire Hauler Permit

Regulated Activities: Hauling scrap tires for consideration or commercial profit. A person who is hauling scrap tires that have been generated at their own business or residence is not required to obtain a permit to haul scrap tires, provided that such transportation is done using their own employees and vehicles.

Fees: The permit application fee is \$100

Required Documents: Completed application form. Forms may be obtained by calling Missouri Department of Transportation's Motor Carrier Services Unit. Call (573) 751-3358. All required materials are to be submitted to the

Missouri Department of Transportation's Motor Carrier Services Unit.
Call (573) 751-3358 for more information.

Length of Permit:	One year
Average Processing Time:	Two to four weeks
Public Participation:	Not required
Applicable Statutes:	260.200 through 260.345
Applicable Rules:	10 CSR 80-8.030

Scrap Tire Processing Facility Permit

Regulated Activities:	Processing (shredding, cutting, chipping or otherwise altering) scrap tires for recycling, resource recovery or disposal. A permit is required if more than 24 tires are on site at any time.
Fees:	The permit application fee is \$200 and the applicant must reimburse the department for all reasonable costs incurred by the department in the course of the application review to a maximum of \$2,000. If both a site and processing permit are required and applied for simultaneously, only one permit fee and one application review fee will be charged.
Required Documents:	Completed application Form MO 780-1597 available online at http://www.dnr.mo.gov/forms/index.html , site and operational plans, fire protection plan, site control plan, inventory information, vector control and record keeping plans. Inventory of unprocessed scrap tires cannot exceed the number that can be processed in six months and the inventory of processed tires cannot exceed two times that of the unprocessed tires. Estimated inventory shall be based upon the capacity of the processing equipment or on the volume processed in the previous year. In addition, permits from the Water Pollution Control Program and Air Pollution Control Program may be required. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.
Length of Permit:	Issued for the life of the facility, but can be reopened for review or modification.
Average Processing Time:	Three to twelve months
Public Participation:	Not required
Applicable Statutes:	260.200 through 260.345
Applicable Rules:	10 CSR 80-8.050

Scrap Tire Site Permit

- Regulated Activities: Storage of 500 or more whole, cut, chipped or shredded scrap tires.
- Fees: The permit application fee is \$200 and the applicant must reimburse the department for all reasonable cost incurred by the department in the course of the application review to a maximum of \$2,000. If both a site and processing permit are required and applied for simultaneously, only one permit fee and one application review fee will be charged.
- Required Documents: Completed application Form MO 780-1279 available online at <http://www.dnr.mo.gov/forms/index.html>, site and operational plans, closure plans, financial assurance instrument, contingency plans, fire protection plan, site control plan, inventory information, vector control and record keeping plans. In addition, permits from the Water Pollution Control Program and Air Pollution Control Program may be required. All required materials are to be submitted by certified mail to Missouri Department of Natural Resources Solid Waste Management Program, P.O. Box 176, Jefferson City, MO 65102-0176.
- Note: No new scrap tire sites may be permitted, nor may existing storage sites expand in size after August 1997 unless they are located at a permitted processing facility.
- Length of Permit: Issued for the life of the facility, but can be reopened for review or modification.
- Average Processing Time: Three to twelve months
- Public Participation: Not required
- Applicable Statutes: 260.200 through 260.345
- Applicable Rules: 10 CSR 80-8.040

Solid Waste Disposal Area Construction Permit

- Regulated Activities: The construction of solid waste disposal facilities accepting waste from any commercial, industrial, recreational or governmental operation or from more than one residence. Certain limited solid waste disposal activities may be exempt from permit requirements [Reference 10 CSR 80-2.020 (9) (A) and (B)].
- Fees: The application fee is \$2,000. The applicant also must reimburse the department for all reasonable costs incurred by the department in the course of the permit review, to a maximum of \$8,000.
- Required Documents: Completed application form, site geologic and hydrologic approval from the Division of Geology and Land Survey design and operating

plans and specifications, demonstration of compliance with all applicable local planning and zoning requirements, closure financial assurance instrument and history of past environmental violations. In addition, a water pollution permit will be required and an air pollution permit may be required. Forms may be obtained by calling the Solid Waste Management Program at (573) 751-5401.

Division of Geology and Land Survey office number is (573) 368-2100 (Rolla)

- Length of Permit: Coincides with the disposal area's anticipated life.
- Average Processing Time: 10 to 12 months
- Public Participation: Public notice, public awareness session, community involvement session and public hearing on draft permit required.
- Applicable Statutes: RSMo 260.200 through 260.345
- Applicable Rules: 10 CSR 80-1.010 through 80-4.010 and 10 CSR 80-11.010

Solid Waste Disposal Area Operating Permit

- Regulated Activities: The operation of solid waste disposal area.
- Fees: Not applicable
- Required Documents: Quality assurance/quality control documents and owner certification form. Forms may be obtained by calling the Solid Waste Management Program at (573) 751-5401. A post-closure financial assurance instrument.
- Length of Permit: Coincides with the disposal area's anticipated life.
- Average Processing Time: 60 days
- Public Participation: Not applicable
- Applicable Statutes: RSMo 260.200 through 260.345
- Applicable Rules: 10 CSR 80-2.020

Solid Waste Processing Facility Construction Permit

- Regulated Activities: The construction of solid waste processing facilities. These are facilities such as incinerators, material recovery facilities and transfer stations where solid wastes are salvaged, processed or treated. Certain limited solid waste processing activities may be exempt from permit requirements [Reference 10 CSR 80-2.020 (9) (A)].

Fees:	The application fee is \$1,000. The applicant also must reimburse the department for all reasonable costs incurred by the department in the course of the permit review, to a maximum of \$4,000.
Required Documents:	Completed application form, design and operating plans and specifications and history of past environmental violations. In addition, air pollution or water pollution permits may be required. Forms may be obtained by calling the Solid Waste Management Program at (573) 751-5401.
Length of Permit:	Coincides with the facility's anticipated life.
Average Processing Time:	6 to 12 months
Public Participation:	Public notice required; public hearing upon request.
Applicable Statutes:	RSMo 260.200 through 260.345
Applicable Rules:	10 CSR 80-1.010, 80-2.010, 80-2.020, 80-2.080 and 80-5.010

Solid Waste Processing Facility Operating Permit

Regulated Activities:	The operation of solid waste processing facilities.
Fees:	Not applicable
Required Documents:	Quality assurance/quality control documents and owner certification form.
Length of Permit:	Coincides with the processing facility's anticipated life.
Average Processing Time:	60 days
Public Participation:	Not applicable
Applicable Statutes:	RSMo 260.200 through 260.345
Applicable Rules:	10 CSR 80-2.020

Water Pollution Control Permits

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program – Water Pollution Control Branch
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 751-1300
Or contact your nearest regional office of the department.

Agrichemical Facility

(See also : Storm Water Permit (NPDES) for agrichemical facility operating permit)*

Regulated Activities	Construction of any site, with the exception of chemical production facilities, where bulk agrichemicals are stored in nonmobile containers or dedicated containers and are being mixed, applied, repackaged or transferred between containers for more than thirty (30) consecutive days per year.
Fees:	\$750 construction permit fee
Required Documents:	Completed application Form A – application for Construction or operating permit available online at http://www.dnr.mo.gov/forms/index.html ; along with the engineering plans, specifications and report prepared in accordance with 10 CSR 20-8.500
Length of Permit:	One year
Average Processing Time:	60 days
Public Participation:	None
Applicable Statutes:	RSMo 644.026 and 644.036
Applicable Rules:	10 CSR 20-6.010 (3), (8) and (9), 20-6.010(2), (4) and (5), 20-8.500

Car Wash

See *General Permits*

Concentrated Animal Feeding Operation (CAFO) Construction and Operating Permit (NPDES*)

*(*National Pollutant Discharge Elimination System – facilities receiving the operating permit satisfies the permit requirements of the federal Clean Water Act)*

Regulated Activities:	No discharge waste management collection, holding, treatment and land application systems for concentrated animal feeding operations (CAFOs). Construction and Operating permits are required for all CAFOs. CAFOs include animal feeding operations larger than 1,000
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animal units and some animal feeding operations sized between 300 and 999 animal units. More information can be found at the department's CAFO webpage
<http://www.dnr.mo.gov/env/wpp/cafo/index.html>

- Fees: \$150 general permit – no public notice requirements;
\$750 - \$2,200 for construction permit, depending on flow;
\$5,000 per year for site specific permit, Class IA facility.
- Required Documents: Completed application form which may include: Form F – Application for Approval or Form MO 780-0725 Permit for Concentrated Animal Feeding Operation available online at <http://www.dnr.mo.gov/forms/index.html>.; engineering report, detailed plans and specifications, geological investigation by Division of Geology and Land Survey, topographic site maps, soils report, nutrient management plan, Operation and Maintenance manual and proof of Neighbor Notice.
- Length of Permit: Five years, maximum
- Average Processing Time: 60 to 180 days
- Public Participation: Public notice and 30 day comment period, plus a public hearing, if one is requested. Applicants must provide Neighbor Notice prior to submitting construction permit application.
- Applicable Statutes: RSMo 644 and 640.700 – 640.750
- Applicable Rules: 10 CSR 20-6.010, 20-6.300, 20-8.020, 20-8.500, 20-7.015 and 20-7.031

General Permits

General permits are available for many wastewater operating permits, concentrated animal feeding operation permit and storm water permit requirements outline above. General permits are issued for a five year period and have an initial annual permit fee of \$150. The fee decreases to \$60 a year after the initial permit expires and a renewed permit is issued. The general permits available at this time are listed below with the application form number following in parentheses. Required documents include a completed Form E - Application for General Permit available online at <http://www.dnr.mo.gov/forms/index.html>.

Forms and general information regarding each type of permit listed below can be obtained by calling the Field Services Division's Regional Offices. For contact information and a map of the regional offices across the state, visit the department's web site at <http://www.dnr.mo.gov/regions/regions.htm>.

General Permits in Effect

Abandoned Mine Land Rec > 5 acres (G05)
Ag/Wood/Food Compost Sites (G09)
CAFO (G01) General information online at <http://www.dnr.mo.gov/env/wpp/cafo/index.html>
Car Wash (G75) available online at <http://www.dnr.mo.gov/forms/index.html>.

Clay Pits (G84)
Dredging Lakes/River Harbor (G69)
Fish Farms/Hatcheries (G13)
Fuel Spill Cleanup (G94)
Habitat Restoration Projects (G699)
Heat Pumps (G251)
Hydro Testing Non-Petroleum Related Pipelines and Storage Tanks (G685)
Hydrostatic Testing Petroleum Related Pipelines and Tanks (G67)
Limestone Quarries (G49)
Mixed Feed Stock Compost Sites (G92)
Oil/Water Separators (G14) available online at <http://www.dnr.mo.gov/forms/index.html>.
Petroleum Storage < 250,000 gallons (G35) available online at <http://www.dnr.mo.gov/forms/index.html>.
Pond Aquaculture (G13A)
Sand and Gravel Washing (G50)
Swimming Pools Discharges (G76)
Water Treatment Plant Settling Basins (ex. MO and MISS) (G64)
Yard Waste Compost Sites (G97)
Zeolite Softeners (G641)

No-Discharge General Permit – Land application of domestic wastewater biosolids

Land Application of domestic wastewater septage (G821)
Form E - Application for General Permit online at <http://www.dnr.mo.gov/forms/index.html>.

No-Discharge General Permit – Meat Slaughtering

Meat Slaughtering (G822)
Form E - Application for General Permit online at <http://www.dnr.mo.gov/forms/index.html>.

Heat Pump Permit

Regulated Activities: Underground injection of water for large (>600,000 BTU/hr.) (also called “50 ton”) multi-residential open-loop heat transfer systems, and all commercial open loop heat pumps.

Fees: \$75 per application

Required Documents: Questions at 10 CSR 20-6.070(2) (B) must be answered in letter form.

Length of Permit: Five years, maximum

Average Processing Time: 30 days. Must be received 60 days before construction begins.

Public Participation: Public notice and 30 day comment period required

Applicable Statutes: RSMo 644

Applicable Rules: 10 CSR 20-6.070

Land Application Permit (NPDES*)

(*National Pollutant Discharge Elimination System – satisfies permit requirements from federal Clean Water Act)

Regulated Activities:	Construction and Operating permits are required for the land application of liquid or solid residue from domestic or industrial operations and associated waste storage, treatment facilities and distribution systems. This includes wastewater irrigation, biosolids land application, composting facilities and similar activities.
Fees:	No additional fees are required if the land application is permitted under provisions of the generator's existing State Operating Permit. If separate permits are required, contact the program for fee estimates.
Required Documents:	Completed application form(s) that are available online at http://www.dnr.mo.gov/forms/index.html . Those forms may include: <ul style="list-style-type: none">▪ Form I MO 780-1686 – Permit Application for Construction and Operation of Wastewater Irrigation Systems▪ Form R MO 780-1684 – Permit Application for Land Application of Industrial Wastewater Biosolids and Residual▪ Form A MO 780-1479 – Application for Construction or Operating Permit▪ Form B MO 780-1512 – Application for Construction or Operating Permit or Facilities which receive basically Domestic Waste Other required documents include an engineering report, detailed plans and specifications, geological investigation by the Division of Geology and Land Survey, topographic site maps, soils report, nutrient management plan, operation and maintenance manuals, wastewater characteristics and environmental assessment.
Length of Permit:	Five years, maximum
Average Processing Time:	60 to 180 days
Public Participation:	Public notice and 30 day comment period, plus a public hearing if one is requested.
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.010, 20-6.011, 20-6.015, 20-6.200, 20-7.015, 20-7.031, 20-8.020 and 20-8.500

Land Disturbance Permit

See *Stormwater*

Operating Permit (NPDES*)

(*National Pollutant Discharge Elimination System – satisfies permit requirements from federal Clean Water Act)

- Regulated Activities: Surface or groundwater discharges from industrial process facilities, sewage treatment plants, pipes, ditches or other water conveyance structures and stormwater runoff (see stormwater runoff section).
- Fees: Non-industrial discharges vary from \$100 to \$3,500 per year based on design flow. Municipalities and publicly owned sewer districts shall pay \$.40 - \$.80 per residential sewer hookup and the amount is determined by the number of water hookups. Industrial and commercial rates are \$3 - \$25 based on the size of its incoming water line and the maximum fee for any single business is \$700. Industrial discharges are based on design flow, \$1,500 - \$3,000 if design flow is less than one million gallons per day and \$2,500 - \$5,000 if design flow is equal to or greater than one million gallons per day.
- Required Documents: Completed application form that is available online at: <http://www.dnr.mo.gov/forms/index.html>.
- The forms available include:
- Form A MO 780-1479 – Application for Construction or operating Permit
 - Form B MO 780-1512 – Application for Construction or Operating Permit for Facilities which receive basically Domestic Water
 - Form C MO 780-1514– Application for Discharge Permit – Manufacturing, Commercial, Mining and Silviculture Operations
 - Form D MO 780-1516 – Application for Discharge Permit – Primary Industries
- Length of Permit: Not to exceed five years.
- Average Processing Time: 60 days
- Public Participation: Public notice and a 30 day comment period; public hearing may be held upon request.
- Applicable Statutes: RSMo 644
- Applicable Rules: 10 CSR 20-6 and 10 CSR 20-7

Residential Wastewater Approval

- Regulated Activities: This approval applies to all new residential housing developments and existing subdivisions that were required to comply with previous regulations which were effective June 30, 1974, June 26, 1975, or May 15, 1984, but have not received department approval. This approval is required for any developer who owns or controls land and

develops, divides or resubdivides that land into residential housing lots or expands any subdivision or development by three or more lots.

A number of exemptions exist for this requirement including subdivisions with all lots sized at 5 or more acres, where the department has determined the local administrative authority has a sufficient local program, where a centralized wastewater collection and treatment system is proposed and certain smaller or older subdivisions.

A fact sheet (PUB596) is available on the Internet at <http://www.dnr.mo.gov/pubs/index.html> or by calling the program.

Fees:	No fees
Required Documents:	Completed Request for Approval Under 10 CSR 20-6.030 Disposal of Wastewater in Residential Housing Developments Form MO 780-1706 available online at http://www.dnr.mo.gov/forms/index.html and a Geohydrologic Evaluation, a Soils Report and a Plat Map.
Length of Permit:	No specified length
Average Processing Time:	45 days to complete the geohydrologic evaluation; 90 days to make the final determination on approval.
Public Participation:	No comment period required
Applicable Statutes:	Section 644.026, RSMo
Applicable Rules:	10 CSR 20-6.030

Sewer Extension or Sewage Treatment Plant Construction Permit

Regulated Activities:	The construction of sewer lines or sewage-treatment devices.
Fees:	\$75 for under 1,000 feet of sewer line; \$300 for 1,000 feet or more of sewer line; \$750 for a sewage treatment plant with design flow of under 500,000 gallons per day; \$2,200 for a sewage treatment plant with design flow of 500,000 gallons or more per day.
Required Documents:	Completed application form which may include: Form B – Application for Construction or Operating Permit for Facilities which receive basically Domestic Waste; or Sewer Extension Construction Approval Request; or Application for Construction or Operating permit – Sewer Extension engineering report, detailed plan and specifications, planning and zoning approval and a geological evaluation from the Division of Geology and Land Survey. Form B available online at http://www.dnr.mo.gov/forms/index.html .

The Application for Construction Sewer Extension is also available as an e-Form at <http://www.dnr.mo.gov/forms/index.html>.

Length of Permit:	One year
Average Processing Time:	21 days for a sewer extension, 120 days for other construction permits.
Public Participation:	None required for sewers; public notice and a 30 day comment period for sewage-treatment plants, plus a public hearing may be held if one is requested.
Applicable Statutes:	RSMo 644
Applicable Rules:	10 CSR 20-6.010, 20-6.011, and 10 CSR 20-8

Storm Water Permit

Regulated Activities:	Storm water runoff from certain industries; land disturbance activities of one acre or more; separate storm sewers in municipalities with populations of 100,000 or more not on combined sewers.
Fees:	\$150 annually for a general permit. \$1,350 annual for design flows under 1,000,000 gallons per day and \$2,350 annually for design flows over 1,000,000 gallons per day for a site-specific storm water permit. \$300 for a general permit for the discharge of storm water from a land disturbance site.
Required Documents:	Completed application form which is available online at http://www.dnr.mo.gov/forms/index.html . The forms include <ul style="list-style-type: none">▪ Form G MO 780-1408 – Application for Storm Water Permit▪ Form E MO 780-0795 – Application for General Permit▪ Form O MO 780-1829 – Application for Land Disturbance less than 5 acres.
Length of Permit:	Five years, maximum
Average Processing Time:	21 days for a general permit; 90 – 130 days for a site-specific permit.
Public Participation:	Site specific permit: minimum of 30 day public notice; General permit: 30 days public notice required for new airports, chemical manufacturing facilities, fabricated structural metal facilities, foundries, quarries, lubricant manufacturing facilities, petroleum storage facilities greater than 50,000 gallons and wood treaters. No public notice required for renewal of coverage to an individual facility.
Applicable Statutes:	RSMo 644

Applicable Rules: 10 CSR 20-6.200

Storm Water General Permits

Agrichemical Facilities SIC 5191 (R24)

Airports (R80F)

Chemical Mfg. (R23A) Requirements (PUB 224) online at

<http://www.dnr.mo.gov/pubs/index.html>

Fabrication Metal, Light Industrial/Structural/Foundries (R203)

Form E MO 780-0795 - Application for General Permit online at

<http://www.dnr.mo.gov/forms/index.html>.

Food and Kindred Products (R12A)

Land Disturbance>one acre (R101, R109)

Land Disturbance by City or County (R100)

Land Disturbance in City/Co. w/program (R100A)

Land Disturbance in Designated areas (R109)

Lumber and Wood Primary (R22A)

Lumber and Wood Secondary (R22C)

Motor Freight/Passenger/U.S. Postal Transportation (R80C)

Motor Vehicle Salvage (R60A) General information (PUB 233) online at

<http://www.dnr.mo.gov/pubs/index.html>

Paper and Allied Products (R14A)

Plastics and Rubber Mfg. (R23D)

Small Municipal Separate Storm Sewer System (MS4) (R04)

Soil Remediation (R409)

Solid Waste Transfer (R80H)

Textile and Apparel Products/Printing & Publishing Operations (R13)

Water Transportation (R80E)

Wood Treaters (R22B)

Swimming Pool Discharge

See *General Permits*

Underground Injection Control Permit

Regulated Activities: Underground injection of water and other substance for the purpose of aquifer cleanup activities.

Fees: \$1,500 per year.

Required Documents: Completed application form which may include: Form UIC Application for Class V Permit MO 780-1826 available online at <http://www.dnr.mo.gov/forms/index.html>.
Underground Injection Control (UIC) I, Underground Injection Control (UIC) II and other information of a site-specific nature such as maps. Forms may be obtained from the Department of Natural Resources Division of Environmental Quality Water Protection Program at (573)

751-1300. The publication Permit Requirements for Underground Injection Control (UIC) Wells (PUB 221) is available online at <http://www.dnr.mo.gov/pubs/index.html>

Length of Permit: Five years, maximum

Average Processing Time: 90 days

Public Participation: Public notice and 30 day comment period required.

Applicable Statutes: RSMo 577 and 644

Applicable Rules: 10 CSR 20-6.090, and 20-6.011

Wetland or Dredge and Fill Approval

Regulated Activities: Required for any construction, placement, disposal or fill material or earth movement within a wetland or other body of water. The department administers 401 certification and the U.S. Army Corps of Engineers administers 404 permits. Bridges, retaining walls, bank stabilization, levees and similar projects typically require 401/404 approvals.

Fees: A \$75 fee is charged for individual 401 certifications. The nationwide permits are not charged a fee unless the Corps of Engineers has denied conditions the state has assigned for those nationwide permits. If an individual certification is required on a nationwide permit, a \$75 fee applies.

Required Documents: Completed Corps of Engineers application form No. 4345, maps and drawings; written requests to the Missouri Department of Natural Resources Division of Environmental Quality Water Protection Program P.O. Box 176 Jefferson City, MO 65102-0176 and ask for 401 certification.

Length of Permit: Varies according to nature of project.

Average Processing Time: 60 days

Public Participation: 30 day comment period; public notice issued by Corps of Engineers

Applicable Statutes: Federal Clean Water Act, Section 401

Applicable Rules: 10 CSR 20-6

Yard Waste Compost Sites

See *General Permits*

Zeolite Softeners

See *General Permits*

Water Well Certification and Registration

Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program - Wellhead Protection Section
P.O. Box 250, 111 Fairgrounds Road
Rolla, MO 65402
(573) 368-2168 (573) 369-2317 FAX

Well Certification

- Regulated Activities:** The construction of any water well, monitoring well, mineral exploratory well or ground source heat pump system.
- Fees:** \$35 for water well certification. \$75 for monitoring well certification. This fee is paid by the owner and collected by the contractor.
\$75 for ground source heat pump system of 50 tons or less.
\$150 for ground source heat pump system of more than 50 tons.
- Required Documents:** A Well Certification Report certifying the proper construction of the well or system must be sent to the Wellhead Protection Section by the contractor within 60 days of completion. Contact the Wellhead Protection Section at (573) 368-2168 for information on a well certification report.
- Length of Certification:** For the life of the well.
- Average Review Time:** 30 days
- Applicable Statutes:** RSMo 256.614
- Applicable Rules:** 10 CSR 23-3.010, 23-3.060, 23-4.020 and 23-5.020

Well Registration

- Regulated Activities:** The reconstruction of wells and plugging of abandoned wells.
- Fees:** None
- Required Documents:** A registration record for the reconstruction or plugging of wells is to be submitted by the contractor or owner within 60 days of completion. A Reconstruction Registration Record Form MO 780-1414 is available online at <http://www.dnr.mo.gov/forms/index.html>.
- Length of Permit:** For the life of the reconstructed well. Plugging of abandoned wells is a one-time registration.
- Average Review Time:** 10 days
- Applicable Statutes:** RSMo 256.614, 256.615, 256.623 and 256.628

Applicable Rules: 10 CSR 23-3.025, 23-3.060, 23-3.110, 23-4.080, 23-5.080 and 23-6.050