



# Environmental Permits and How To Obtain Them

**Introduction..... 4**

**Air Pollution Control Permits ..... 7**

Asbestos Abatement Contractor Registration..... 7

Asbestos Removal Notification..... 8

Construction Permits (New Source Review) ..... 8

*De Minimis* and Minor Source New Source Review Permits  
    (Construction permits including concrete plants and quarries)..... 9

    Major Source New Source Review Permit (Attainment and nonattainment areas)... 11

    Major New Source Review Hazardous Air Pollutant (HAP) Permit ..... 12

    Permit by Rule Notifications ..... 13

    Portable Source Relocation Request ..... 14

    Quarries..... 14

Open Burning Permit..... 14

Operating Permits

    Basic, Part 70, Intermediate/Synthetic Minor ..... 15

Vapor Recovery Construction Permit ..... 16

Vapor Recovery Operating Permit..... 17

**Dam Safety Permits..... 18**

Construction Permit..... 18

Registration and Safety Permit..... 18

**Hazardous Waste Permits ..... 19**

Drycleaning Environmental Response Trust (DERT) ..... 19

Hazardous Waste Facility Permit and Resource Recovery Certification

    Hazardous Waste Facility Permit..... 20

    Resource Recovery Certification ..... 20

Hazardous Waste Generator Registration..... 21

Hazardous Waste Transporter License ..... 21

Polychlorinated Biphenyl (PCB) Facility Permit..... 22

Underground Storage Tank Registration ..... 23

**Historic Preservation ..... 24**

Section 106 Review..... 24

**Land Reclamation Permits ..... 25**

Coal Exploration Permit.....	25
Industrial Mineral Surface Mining Permit.....	25
In-Stream Sand and Gravel Operations .....	26
Open Pit Operations .....	27
Metallic Mineral Waste Management Permit .....	28
Surface Coal Mine and Reclamation Permit.....	28
<b>Major Water Users .....</b>	<b>29</b>
Major Water Users Registration .....	29
<b>Oil and Gas Well Permits .....</b>	<b>30</b>
Construction/Operation Permits .....	30
<b>Operator Certifications .....</b>	<b>31</b>
Asbestos Abatement Occupational Certification.....	31
Backflow Prevention Assembly Tester Certification.....	31
Blaster Certification – Surface Coal Mining.....	32
Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate.....	33
Drinking Water Treatment Supply Operator Certification.....	33
Distribution Drinking Water Operator Certification.....	33
Wastewater Treatment Operator Certification .....	34
Concentrated Animal Feeding Operations.....	35
Solid Waste Technician Certification.....	35
Well Driller/Pump Installer Permit.....	36
<b>Public Drinking Water Permits .....</b>	<b>37</b>
Certification.....	37
Drinking Water Treatment Supply Operator Certification.....	37
Distribution Drinking Water Operator Certification.....	38
Construction Permit.....	38
Permit to Dispense .....	39
<b>Solid Waste Permits .....</b>	<b>40</b>
Infectious Waste Processing Facility .....	40
Construction Permit .....	40
Operating Permit .....	40
Scrap Tire End-User Registration.....	41
Scrap Tire Hauler Permit .....	41
Scrap Tire Processing Facility Permit.....	42
Solid Waste Disposal Area Construction Permit.....	43
Solid Waste Disposal Area Operating Permit.....	43
Solid Waste Processing Facility Construction Permit.....	44
Solid Waste Processing Facility Operating Permit .....	44

<b>Water Pollution Control Permits .....</b>	<b>45</b>
Agrichemical Facility .....	45
Car Wash.....	46
Concentrated Animal Feeding Operation Construction and Operating Permit (NPDES) .....	46
General Permits.....	47
General Permits in Effect.....	47
No-Discharge General Permits.....	48
Heat Pump Permit .....	48
Land Application Permit.....	49
Land Disturbance Permit.....	50
Operating Permit .....	50
Residential Wastewater Approval.....	51
Sewer Extension.....	52
Sewage Treatment Plant Construction Permit.....	52
Stormwater Permit.....	53
Stormwater General Permits .....	55
Swimming Pool Discharge.....	55
Underground Injection Control Permit .....	56
Wetland or Dredge and Fill Approval.....	56
Yard Waste Compost Sites.....	57
Zeolite Softeners .....	57
<b>Water Well Certification and Registration.....</b>	<b>58</b>
Well Certification.....	58
Well Registration .....	58

## 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 is available online at [www.dnr.mo.gov/mopermitassistant/](http://www.dnr.mo.gov/mopermitassistant/).

### **Why are permits important?**

Permits help ensure environmental standards are met so Missourians can continue to enjoy healthy air, safe drinking water, clean streams and usable soil. After 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 cultural and historical resources. Section 106 of the National Historic Preservation Act requires a review of all projects that involve properties or geographical areas 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 located 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 a complete application is submitted. For a map and list of the department's regional and satellite offices visit [www.dnr.mo.gov/regions/regions.htm](http://www.dnr.mo.gov/regions/regions.htm) or call 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 available on our website at [www.dnr.mo.gov/forms/index.html](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 after 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 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 about 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 the 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. After you have read and understand the permit, make sure those who use it most read it and keep it readily available.

**What should I do after I receive the permit?**

Again, be sure to keep the permit readily available. Department 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 about permit transfers call the department at 800-361-4827 and ask for the pamphlet *Guide to Missouri Department of Natural Resources Permit Transfers* (PUB541) or go online at [www.dnr.mo.gov/pubs/pub541.pdf](http://www.dnr.mo.gov/pubs/pub541.pdf).

**For further assistance**

You may contact any of our offices in the department at the following phone numbers.

A complete listing of all the department's central, regional and satellite offices is available at [www.dnr.mo.gov/regions/regions.htm](http://www.dnr.mo.gov/regions/regions.htm).

The offices are located in Jefferson City unless otherwise noted.

**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

**Regional Offices**

Kansas City .....	816-251-7000
Northeast (Macon).....	660-385-8000
St. Louis.....	314-416-2960
Southeast (Poplar Bluff) .....	573-840-9750
Southwest (Springfield) .....	417-891-4300

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

Geological Survey (Rolla).....	573-368-2143
--------------------------------	--------------

**State Historic Preservation Office ..... 573-751-7858**

**Water Resources Center ..... 573-751-2867**

Dam Safety (Rolla) .....	573-368-2175
Major Water Users .....	573-368-2175

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, call the department toll free at 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 Department of Natural Resources regional office.

If the activity of concern is located in St. Louis City, St. Louis County, Kansas City or Springfield, contact the local air pollution control authorities, in addition to the department. They may have local codes or ordinances that apply.

### 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 Air Quality Control  
Department of Environmental Services  
P.O. Box 8368 Springfield, MO 65801-8368  
417-864-1412

St. Louis County Department of Health  
Air Pollution Control Section  
6121 North Hanley Road  
Clayton, MO 63134  
314-615-8924  
  
Kansas City Air Quality Program  
Air Quality Section  
2400 Troost Avenue, Suite 3000  
Kansas City, MO 64108  
816-513-6314  
816-513-6173 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:** *Asbestos Contractor Registration Application*, Form -- MO 780-1224, available online at [www.dnr.mo.gov/forms/780-1224-f.pdf](http://www.dnr.mo.gov/forms/780-1224-f.pdf) 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 RACM; no fee for smaller projects or for demolition notifications.

**Required Documents:** A completed *Asbestos Project Notification*, Form MO 780-1226, available online at [www.dnr.mo.gov/forms/780-1226-f.pdf](http://www.dnr.mo.gov/forms/780-1226-f.pdf) (for renovations) and a completed *Asbestos NESHAP Notification of Demolition and Renovation*, Form MO 780-1923, available online at [www.dnr.mo.gov/forms/780-1923-f.pdf](http://www.dnr.mo.gov/forms/780-1923-f.pdf) (for demolitions).

**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)**

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 Minimis* 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 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 shown on the next few pages. Application forms are available electronically at [www.dnr.mo.gov/forms/index.html](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 on page 7.

The most common regulated pollutants and their applicable emission levels are shown in Table 1. For a complete list of regulated air pollutants and a list of named sources, 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 <sub>10</sub>	1.0	15	100	250
PM <sub>2.5</sub>	Note 3	10.0	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; PM2.5 = particulate matter with diameter less than 2.5 microns in diameter; 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.

Note 3: Insignificant Levels for PM2.5 are being developed. Check with the Air Pollution Control Program for more information.

### ***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 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* at [www.dnr.mo.gov/env/apcp/docs/cp-permitbyrulenotific.pdf](http://www.dnr.mo.gov/env/apcp/docs/cp-permitbyrulenotific.pdf).

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* on the department's website at [www.dnr.mo.gov/env/apcp/docs/cp-portablesourcerelocate.pdf](http://www.dnr.mo.gov/env/apcp/docs/cp-portablesourcerelocate.pdf) 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. The *Application for Authority to Construct* is available online at [www.dnr.mo.gov/forms/780-1323-f.pdf](http://www.dnr.mo.gov/forms/780-1323-f.pdf).

Concrete plants and quarries have the option to submit an electronic Concrete Emission Worksheet or Quarry Emission Worksheet in lieu of a Form 2.0 from the *Application for Authority to Construct* for each emission unit." These forms are available on the department's website at [www.dnr.mo.gov/forms/index.html](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 on page 7.

**Length of Permit:** This permit does not expire. However, construction must start 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 titled *Preconstruction Prohibition Waivers* (PUB 2014) is available online at [dnr.mo.gov/pubs/pub2014.pdf](http://dnr.mo.gov/pubs/pub2014.pdf). In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number on page 7.

**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.

**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 [www.dnr.mo.gov/forms/780-1323-f.pdf](http://www.dnr.mo.gov/forms/780-1323-f.pdf) 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 on page 7.

**Length of Permit:** This permit does not expire. However, construction must commence within 18 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 that 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 [www.dnr.mo.gov/forms/780-1323-f.pdf](http://www.dnr.mo.gov/forms/780-1323-f.pdf) Documentation that existing emission control equipment constitutes best achievable control technology, or 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 the control technology to be used meets MACT standards for the pollutants to be emitted and 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 18 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 the proposed MACT is approved or disapproved. If the proposed MACT is approved, the permit must be issued within 90 calendar days of notice 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 are 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

## 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. After 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 - Livestock Markets and Livestock Operations*, Form -- MO 780-1886, available online at [www.dnr.mo.gov/forms/780-1886-f.pdf](http://www.dnr.mo.gov/forms/780-1886-f.pdf)
- *Application for Authority to Construct, Permit by Rule Notification – Surface Coating Operations*, Form MO 780-1887, available online at [www.dnr.mo.gov/forms/780-1887-f.pdf](http://www.dnr.mo.gov/forms/780-1887-f.pdf)
- *Application for Authority to Construct, Permit by Rule Notification – Crematories and Animal Incinerators*, Form MO 780-1888, available online at [www.dnr.mo.gov/forms/780-1888-f.pdf](http://www.dnr.mo.gov/forms/780-1888-f.pdf)
- *Application for Authority to Construct, Permit by Rule Notification - Printing Operations*, Form MO 780-1889, available online at [www.dnr.mo.gov/forms/780-1889-f.pdf](http://www.dnr.mo.gov/forms/780-1889-f.pdf)

Printed paper copies are available by contacting the Air Pollution Control Program at the address or telephone number on page 7.

**Length of Permit:** This permit does not expire.

**Processing Time:** Seven 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 Request*, Form -- MO 780-1323, available online at [www.dnr.mo.gov/forms/780-1323-f.pdf](http://www.dnr.mo.gov/forms/780-1323-f.pdf), maps of location, source layout and associated site specific documentation (haul roads/storage pile information). The relocation forms are found on pages 14 to 16 of the *Application for Authority to Construct*, Form -- MO 780-1323) available online at [www.dnr.mo.gov/forms/780-1323-f.pdf](http://www.dnr.mo.gov/forms/780-1323-f.pdf).

Printed paper copies are available by contacting the Air Pollution Control Program at the address or telephone number on page 7.

**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:** Seven 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*.

## **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 department 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 1403.

**Fees:** None

**Required Documents:** Completed *Application for Permit to Open Burn Vegetative Waste*, Form -- MO 780-1941. The form is available online at [www.dnr.mo.gov/forms/780-1941-f.pdf](http://www.dnr.mo.gov/forms/780-1941-f.pdf).

**Length of Permit:** Negotiable

**Average Processing Time:** Five days

**Public Participation:** None required

**Applicable Statutes:** RSMo 643

**Applicable Rules:** 10 CSR 10-6.045

## Operating Permits: Basic, Part 70 and Intermediate/Synthetic Minor Operating Permits

**Regulated Activities:** Missouri's operating permit program applies to all Missouri installations that 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) 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-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:** An *Application for Authority to Operate*, Form -- MO 780-1519, for Part 70 is available online at [www.dnr.mo.gov/forms/780-1519-f.pdf](http://www.dnr.mo.gov/forms/780-1519-f.pdf) and a *Basic Operating Permit Notification*, Form -- MO 780-1872, for basic installations available online at [www.dnr.mo.gov/pubs/pub2279.pdf](http://www.dnr.mo.gov/pubs/pub2279.pdf). 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 six months before expiration. In addition, paper copies are available by contacting the Air Pollution Control Program at the address or telephone number on page 7.

**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 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 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 webpage at [www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt](http://www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt).

**Fees:** \$100 Missouri application fee for facilities in the City of St. Louis and in Franklin, Jefferson and St. Charles counties. Missouri fee waived in St. Louis County. \$100 County Construction permit fee in St. Louis County.

**Required Documents:** A completed *Vapor Recovery System Construction/Operating Permit Application*, Form MO--780-1561, available online at [www.dnr.mo.gov/forms/780-1561-f.pdf](http://www.dnr.mo.gov/forms/780-1561-f.pdf), current California Air Resources Board, executive order(s) for Stage I and Stage II equipment that will be installed, Missouri Performance Evaluation Test procedures 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 to 60 days. Applications to be submitted at least 60 days prior to beginning construction.

**Public Participation:** Not required

**Applicable Statutes:** RSMo 643

**Applicable Rules:** 0 CSR 10-5.220

## 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 home page: [www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt](http://www.dnr.mo.gov/env/apcp/stageii/stage2.htm#gdt).

**Fees:** \$100 Missouri application fee for facilities in the City of St. Louis and 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. \$100 County Construction permit fee in St. Louis County.

**Required Documents:** A completed *Vapor Recovery System Construction/Operating Permit Application*, Form MO--780-1561, available online at [www.dnr.mo.gov/forms/780-1561-f.pdf](http://www.dnr.mo.gov/forms/780-1561-f.pdf), current California Air Resources Board 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 to 60 days

**Public Participation:** Not required

**Applicable Statutes:** RSMo 643

**Applicable Rules:** 10 CSR 10-5.220

## **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 are online at [www.dnr.mo.gov/forms/index.html](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 staff at no cost to the owner. Application forms are available online at [www.dnr.mo.gov/forms/index.html](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 Department of Natural Resources regional office.

## 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.

**Table 2**

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*, Form MO 780-1745 available online at [www.dnr.mo.gov/pubs/pub2334.pdf](http://www.dnr.mo.gov/pubs/pub2334.pdf) 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 Management Facility Permit and Resource Recovery Certifications - Hazardous Waste Facility Permit

**Regulated Activities:** The construction and operation of facilities that treat store 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:** A completed *EPA RCRA Hazardous Waste Part A Permit Application* located on EPA's website at [www.epa.gov/waste/inforesources/data/form8700/8700-23.pdf](http://www.epa.gov/waste/inforesources/data/form8700/8700-23.pdf) and *Hazardous Waste Management Facility Application* form available online at [www.dnr.mo.gov/forms/HWFacPermitApp.pdf](http://www.dnr.mo.gov/forms/HWFacPermitApp.pdf) 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:** A complete application made available for public review. A draft permit made available for public review and 45-day public comment period. Public meeting or hearing upon request. News releases for draft and final permits that contain active land disposal of hazardous waste.

**Applicable Statutes:** Section 260.350 through Section 260.552, RSMo

**Applicable Rules:** 10 CSR 25-8.124

## 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:** A completed *Certified Resource Recovery Facility Application*, Form -- MO 780-1163 is available online at [www.dnr.mo.gov/forms/780-1163-f.pdf](http://www.dnr.mo.gov/forms/780-1163-f.pdf), including process details. Air or water pollution permits may also be required. The *Certified Resource Recovery Facility Application Instructions* is available online at [www.dnr.mo.gov/pubs/pub2241.pdf](http://www.dnr.mo.gov/pubs/pub2241.pdf).

**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 and 25-8.123(4)

## 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. A temporary generator registration, good for 30 days, can also be obtained, but the cost and paperwork are the same as for a permanent registration.

**Required Documents:** A completed *Notification of Regulated Waste Activity*, Form -- MO 780-1164, available online at [www.dnr.mo.gov/forms/780-1164-f.pdf](http://www.dnr.mo.gov/forms/780-1164-f.pdf) including periodic manifest summary reports.

**Length of Registration:** Permanent registrations are valid until registrant requests deactivation. Temporary registrations are valid for 30 days only, with the option for a single 30-day extension, which must be requested in writing.

**Average Processing Time:** Five 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

**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, percent of Missouri miles and percent of hazardous waste of Missouri shipments. No fee is required for the completed *Notification of Regulated Waste Activity Form*, Form -- MO 780-1164, unless the transporter is also registering as a hazardous waste generator (please refer to the Generator Registration Section). The form is available online at [www.dnr.mo.gov/forms/780-1164-f.pdf](http://www.dnr.mo.gov/forms/780-1164-f.pdf)

**Required Documents:**

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

**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 EPA for manifest reasons. Permits will be coordinated with those required by 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*, Form -- MO 780-1897, including necessary engineering plans, reports and other documents. Air or water pollution permits may also be required. The application is available online at [www.dnr.mo.gov/forms/780-1897.pdf](http://www.dnr.mo.gov/forms/780-1897.pdf)

**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 260.396, 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 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.

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

**Required Documents:**

- A completed *Petroleum Storage Tank Registration*, Form -- MO 780-1782, available online at [www.dnr.mo.gov/forms/780-1782-f.pdf](http://www.dnr.mo.gov/forms/780-1782-f.pdf).
- 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 about 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:** Office staff review projects that are federally funded, licensed or permitted, and comments are made about the presence/absence of historic properties and effects of the proposed project on historic properties.

**Fees:** None

**Required Documents:** A completed *Section 106 Project Information Form* Form --MO 780-1027 available online at [www.dnr.mo.gov/forms/780-1027-f.pdf](http://www.dnr.mo.gov/forms/780-1027-f.pdf). Note that supporting documentation is listed on the form and may include, as appropriate for your project, 7.5 minute 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 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 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 website at [achp.gov](http://achp.gov).

**Applicable Regulations:** 36 CFR Part 800, Protection of Historic Properties. This may be downloaded from the Advisory Council on Historic Preservation website at [www.achp.gov](http://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 are 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 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 Aug. 28, 2007, the annual application fee is \$800, plus \$10 per permitted acre and \$400 per site if operated six months or more or \$200 per site if operated less than six months per year. 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 Aug. 28, 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 [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html) includes:

- *In-Stream Sand and Gravel Operations Permit Application Package - Instructions and Definitions* (PUB2460) at [www.dnr.mo.gov/pubs/pub2460.pdf](http://www.dnr.mo.gov/pubs/pub2460.pdf).
- *Permit Application for Industrial Mineral Mines*, Form -- MO 780-1007, at [www.dnr.mo.gov/forms/780-1007-f.pdf](http://www.dnr.mo.gov/forms/780-1007-f.pdf).
- *Site Information*, Form -- MO 780-1036 at [www.dnr.mo.gov/forms/780-1036-f.pdf](http://www.dnr.mo.gov/forms/780-1036-f.pdf).
- *Company Information*, Form -- MO 780-1928, at [www.dnr.mo.gov/forms/780-1928-f.pdf](http://www.dnr.mo.gov/forms/780-1928-f.pdf).
- *Consent to Entry*, Form -- MO 780-1329, at [www.dnr.mo.gov/forms/780-1329-f.pdf](http://www.dnr.mo.gov/forms/780-1329-f.pdf).
- *Sand and Gravel Excavation Plan*, Form -- MO 780-1895, at [www.dnr.mo.gov/forms/780-1895-f.pdf](http://www.dnr.mo.gov/forms/780-1895-f.pdf).
- Public Notice for New Permit at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamNew.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamNew.doc).

**Other documents required if not a new permit:** These other documents are also available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

- *Permit Renewal for Industrial Mineral Mines*, Form -- MO 780-1780 at [www.dnr.mo.gov/forms/780-1780-f.pdf](http://www.dnr.mo.gov/forms/780-1780-f.pdf).
- Public Notice to Renew Permit at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamRenewal.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamRenewal.doc).
- Public Notice Permit Revision at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamRevision.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamRevision.doc).
- Public Notice to Transfer Permit at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamTransfer.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamTransfer.doc).
- Public Notice Permit Expansion at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamExpansion.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamExpansion.doc).
- Public Notice for combined Permit Transfer and Expansion at [www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamTransExp.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-In-StreamTransExp.doc).
- *Annual Operations Status Report* (must be submitted annually to report activities), Form -- MO 780-1884, at [www.dnr.mo.gov/forms/780-1884-f.pdf](http://www.dnr.mo.gov/forms/780-1884-f.pdf).

**Length of Permit:** 12 months

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

**Public Participation:** Public notice required for 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 [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

- *Open Pit (Quarry) Mining Operations, Instructions and Definitions*, Form -- MO 780-1743 at [www.dnr.mo.gov/forms/780-1743.pdf](http://www.dnr.mo.gov/forms/780-1743.pdf).
- *Permit Application For Industrial Mineral Mines*, Form -- MO 780-1007 at [www.dnr.mo.gov/forms/780-1007-f.pdf](http://www.dnr.mo.gov/forms/780-1007-f.pdf).
- *Site Information*, Form -- MO 780-1036 at [www.dnr.mo.gov/forms/780-1036-f.pdf](http://www.dnr.mo.gov/forms/780-1036-f.pdf).
- *Company Information*, Form -- MO 780-1928 at [www.dnr.mo.gov/forms/780-1928-f.pdf](http://www.dnr.mo.gov/forms/780-1928-f.pdf).
- *Consent to Entry*, Form -- MO 780-1329 at [www.dnr.mo.gov/forms/780-1329-f.pdf](http://www.dnr.mo.gov/forms/780-1329-f.pdf).
- *Mine Plan*, Form -- MO 780-1327 at [www.dnr.mo.gov/forms/780-1327-f.pdf](http://www.dnr.mo.gov/forms/780-1327-f.pdf).
- *Public Notice for New Permit* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-new-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-new-template.doc).

For Bonding at an Open Pit Operation, 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 at [www.dnr.mo.gov/forms/780-0016-f.pdf](http://www.dnr.mo.gov/forms/780-0016-f.pdf).
- *Personal Bond Secured By A Certificate Of Deposit*, Form -- MO 780-0936 at [www.dnr.mo.gov/forms/780-0936-f.pdf](http://www.dnr.mo.gov/forms/780-0936-f.pdf).
- *Assignment Of Certificate Of Deposit* (if bond provided by Certificate of Deposit), Form -- MO 780-1342, at [www.dnr.mo.gov/forms/780-1342-f.pdf](http://www.dnr.mo.gov/forms/780-1342-f.pdf).
- *Personal Bond Secured by an Irrevocable Letter Of Credit*, Form MO -- 780-1472, at [www.dnr.mo.gov/forms/780-0936-f.pdf](http://www.dnr.mo.gov/forms/780-0936-f.pdf).

**Other documents required if not a new permit:** These other documents are available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

- *Permit Transfer*, Form -- MO 780-1333 at [www.dnr.mo.gov/forms/780-1333-f.pdf](http://www.dnr.mo.gov/forms/780-1333-f.pdf).
- *Permit Renewal for Industrial Mineral Mines*, Form -- MO 780-1780 at [www.dnr.mo.gov/forms/780-1780-f.pdf](http://www.dnr.mo.gov/forms/780-1780-f.pdf).
- *Public Notice to Renew Permit* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-new-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-new-template.doc).
- *Public Notice Permit Revision* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-revision-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-revision-template.doc).
- *Public Notice to Transfer Permit* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-transfer-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-transfer-template.doc).
- *Public Notice Permit Expansion* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-exp-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-exp-template.doc).
- *Public Notice for combined Permit Transfer and Expansion* at [www.dnr.mo.gov/env/lrp/docs/lrp-openpit-trans-exp-template.doc](http://www.dnr.mo.gov/env/lrp/docs/lrp-openpit-trans-exp-template.doc).
- *Confirmation of Irrevocable Letter of Credit* (if Letter of Credit is obtained from a bank outside of Missouri), Form -- MO 780-0015 at [www.dnr.mo.gov/forms/780-0015-f.pdf](http://www.dnr.mo.gov/forms/780-0015-f.pdf).
- *Status Report* (must be submitted annually to report activities), Form -- MO 780-1885 at [www.dnr.mo.gov/forms/780-1885-f.pdf](http://www.dnr.mo.gov/forms/780-1885-f.pdf).

## **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 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 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:** Application forms 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, or 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 anyone with equipment capable of pumping or diverting water at 70 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 that collect and hold surface water and 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:** A 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 are available at [dnr.mo.gov/env/wrc/waterusestatutes.htm](http://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 Geology and Land Survey  
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 the Wellhead Protection Section at 573-368-2168 for an 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  
573-751-1600 or toll free at 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 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. The *Asbestos Contractor Registration Application*, Form -- MO 780-1224 is available online at [www.dnr.mo.gov/forms/780-1224-f.pdf](http://www.dnr.mo.gov/forms/780-1224-f.pdf).

**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, or ABPA, or the American Society of Sanitary Engineering, or 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, or 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 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:** A completed application form with supporting documentation about employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate*, Form -- MO 780-1089 available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)

**Length of Certification:** Three years

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

**Applicable Statues:** 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 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:** A completed application form with supporting documentation about employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate*, Form -- MO 780-1089 available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)

**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:** A completed application form with supporting documentation on employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate*, Form -- MO 780-1089 available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)

**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, or 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 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:**

- A completed application form with supporting documentation about employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate, Form -- MO 780-1089* available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)
- A completed a 30-hour department approved for wet CAFO waste handling course prior to the examination.
- A 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:** A completed application form. Contact Solid Waste Management Program for a 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 Geology and Land Survey  
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 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:** A completed application with correct fee. A completed experience voucher is required for a non-restricted permit. Contact the 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 Department of Natural Resources regional office.

## **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 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:** A completed application form with supporting documentation about employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate*, Form -- MO 780-1089 available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)

**Length of Certification:** Three years

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

**Applicable Statues:** 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 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:** A completed application form with supporting documentation on employment and education. *Application: For Examination for a Water Treatment, Water Distribution, Wastewater Operator or Concentrated Animal Feeding Operations (CAFO) Certificate*, Form -- MO 780-1089 is available online at [www.dnr.mo.gov/forms/780-1089-f.pdf](http://www.dnr.mo.gov/forms/780-1089-f.pdf)

**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:** A completed *Application Form for A Construction Permit*, Form -- MO 780-0701 available online at [www.dnr.mo.gov/forms/index.html](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:** A 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*, Form -- MO 780-2122 is available online at [www.dnr.mo.gov/forms/780-2122-f.pdf](http://www.dnr.mo.gov/forms/780-2122-f.pdf).

**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.

## **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:** A 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 are available 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 are available 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 Using the Scrap Tire End-User Registration Form*, Form -- MO 780-1594, is available online at [www.dnr.mo.gov/forms/780-1594-f.pdf](http://www.dnr.mo.gov/forms/780-1594-f.pdf). 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 generated at their own business or residence is not required to obtain a permit to haul scrap tires, provided such transportation is done using their own employees and vehicles.

**Fees:** The permit application fee is \$100

**Required Documents:** A completed application form. Forms are available by calling Missouri Department of Transportation's Motor Carrier Services Unit at 573-751-3358 or 866-831-6277 and select option 3. All required materials are to be submitted to the Missouri Department of Transportation's Motor Carrier Services Unit.

**Length of Permit:** One year

**Average Processing Time:** 2 to 4 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.

**Required Documents:** A completed *Scrap Tire Processing Facility Permit Application*, Form -- MO 780-1597 available online at [www.dnr.mo.gov/forms/780-1597-f.pdf](http://www.dnr.mo.gov/forms/780-1597-f.pdf), 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:** Six to 12 months

**Public Participation:** Not required

**Applicable Statutes:** 260.200 through 260.345

**Applicable Rules:** 10 CSR 80-8.050

## **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:** A 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 are available by calling the Solid Waste Management Program at 573-751-5401. The 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 are available 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:** A 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 are available 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.

The National Pollutant Discharge Elimination System, or NPDES, is the program administered by EPA for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements for industries discharging contaminants to publicly owned sewer systems. A permit is an authorization, license, or equivalent control document issued by EPA or an “approved State” to implement the NPDES requirements. The State of Missouri accepted delegation of authority from EPA to administer a program equivalent to the NPDES.

In Missouri, the Clean Water Commission is authorized to issue permits for wastewater discharges and the construction of treatment facilities and sewer systems by the Missouri Clean Water Law at Section 644.026.1(13). The commission published rules in 10 CSR 20-6 to specify the various requirements for obtaining the permits. Missouri has developed a *Water Pollution Control Permits Manual* to inform interested persons about the process used to develop Missouri state construction and operating permits for water pollution control facilities. It is available online at [www.dnr.mo.gov/env/wpp/permits/manual/permit-manual.htm](http://www.dnr.mo.gov/env/wpp/permits/manual/permit-manual.htm).

## Agrichemical Facility

**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 30 consecutive days per year.

**Fees:** \$750 construction permit fee

**Required Documents:** Completed application form(s) that are available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

The forms may include:

- *Form A - Application for Construction or Operating Permit Under Missouri Clean Water Law*, Form-- MO 780-1479, available at [www.dnr.mo.gov/forms/780-1479-f.pdf](http://www.dnr.mo.gov/forms/780-1479-f.pdf)
- *Form E - Application for General Permit Under Missouri Clean Water Law*, Form -- MO 780-0795, available at [www.dnr.mo.gov/forms/780-0795-f.pdf](http://www.dnr.mo.gov/forms/780-0795-f.pdf).
- 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. *Water Pollution Control Permit Requirements for Car Washes* (PUB247) available on the Web at [www.dnr.mo.gov/pubs/pub247.pdf](http://www.dnr.mo.gov/pubs/pub247.pdf).

## Concentrated Animal Feeding Operation, or 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. Construction and Operating permits are required for all CAFOs. CAFOs include animal feeding operations larger than 1,000 animal units and some animal feeding operations between 300 and 999 animal units. More information is available on the department's CAFO webpage at [www.dnr.mo.gov/env/wpp/cafo/index.html](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(s) are available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

The forms may include:

- *Form F - Application for Approval or Permit for Concentrated Animal Feeding Operation*, Form -- MO 780-0725, available at [www.dnr.mo.gov/forms/780-0725-f.pdf](http://www.dnr.mo.gov/forms/780-0725-f.pdf).
- *Form I - Permit Application for Construction and Operation of Wastewater Irrigation Systems*, Form -- MO 780-1686, available at [www.dnr.mo.gov/forms/780-1686-f.pdf](http://www.dnr.mo.gov/forms/780-1686-f.pdf).
- *Form R - Permit Application for Land Application of Industrial Wastewater Biosolids and Residuals*, Form -- MO 780-1684) available at [www.dnr.mo.gov/forms/780-1684-f.pdf](http://www.dnr.mo.gov/forms/780-1684-f.pdf).
- Engineering report, detailed plans and specifications, geological investigation by the department's 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

**Regulated Activities:** General permits are available for many wastewater operating permits, concentrated animal feeding operation permit and stormwater permit requirements. The general permits available at this time are listed below with the application form number following in parentheses. Fact sheets regarding the different types of general permits are available online at [www.dnr.mo.gov/pubs/index.html](http://www.dnr.mo.gov/pubs/index.html)

General permits will address antidegradation procedures during the reissuance of the general permit templates. As permits are renewed, antidegradation procedures will be implemented into the permits. Incorporating the antidegradation requirements in this manner will incrementally address all general permits within five years from the effective date of the Antidegradation Rule and Implementation Procedure. The scheduled expiration dates of the general permits are available on the web at [www.dnr.mo.gov/env/wpp/permits/wpcpermits-general.htm](http://www.dnr.mo.gov/env/wpp/permits/wpcpermits-general.htm).

**Fees:** General permits are issued for a five year period and have for the first five years, an annual permit fee of \$150. The fee decreases to \$60 a year after the permit is renewed.

**Required documents:** Forms and general information regarding each type of permit listed below is available by calling the department's regional offices. For contact information and a map of the regional offices across the state, visit the department's webpage at [www.dnr.mo.gov/regions/regions.htm](http://www.dnr.mo.gov/regions/regions.htm).

A completed *Form E - Application for General Permit*, Form -- MO 780-0795, which is available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

### General Permits in Effect

- Abandoned Mine Land Rec > 5 acres (G05).
- Ag/Wood/Food Compost Sites (G09).
- CAFO (G01) General information online at [www.dnr.mo.gov/env/wpp/cafo/index.html](http://www.dnr.mo.gov/env/wpp/cafo/index.html).
- Car Wash (G75)- *Water Pollution Control Permit Requirements for Car Washes* (PUB247) is available online at [www.dnr.mo.gov/pubs/pub247.pdf](http://www.dnr.mo.gov/pubs/pub247.pdf).
- Clay Pits (G84).
- Dredging Lakes/River Harbor (G69).
- Dredging/ Aggregate Mining on Mo. and Miss. Rivers (G698).
- 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)- *Preventing Pollution at Rock Quarries* (PUB340) is available online at [www.dnr.mo.gov/pubs/pub340.pdf](http://www.dnr.mo.gov/pubs/pub340.pdf) and *Preventing Pollution at Hot Mix Asphalt Plants* (PUB545) is available at [www.dnr.mo.gov/pubs/pub545.pdf](http://www.dnr.mo.gov/pubs/pub545.pdf).
- Mixed Feed Stock Compost Sites (G92).

- Oil/Water Separators (G14). *Stormwater Permit Requirements for Oil/Water Separators* (PUB234) is available online at [www.dnr.mo.gov/pubs/pub234.pdf](http://www.dnr.mo.gov/pubs/pub234.pdf).
- Petroleum Storage < 250,000 gallons (G35).
- Pond Aquaculture (G13A).
- Sand and Gravel Washing (G50) - *Pollution Prevention and Compliance Guide for Sand and Gravel Removal* (PUB1056) is available online at [www.dnr.mo.gov/pubs/pub1056.pdf](http://www.dnr.mo.gov/pubs/pub1056.pdf).
- Swimming Pools Discharges (G76).
- Water Treatment Plant Settling Basins (ex. MO and MS) (G64)
- Yard Waste Compost Sites (G97).
- Zeolite Softeners (G641).

### **No-Discharge General Permits**

- Land Application of Domestic Wastewater Septage (G821).
- Meat Slaughtering (G822)- *MO-G822000 General Operating Permit for Meat Processors* (PUB1238) is available online at [www.dnr.mo.gov/pubs/pub1238.pdf](http://www.dnr.mo.gov/pubs/pub1238.pdf).
- Land Application of Domestic Wastewater Less Than 50,000 Gallons Per Day (G823).

### **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. See the *Permit Requirements for Underground Injection Control, or UIC, Wells* (PUB221) fact sheet available online at [www.dnr.mo.gov/pubs/pub221.pdf](http://www.dnr.mo.gov/pubs/pub221.pdf).

**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 is expected to begin.

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

**Applicable Statutes:** RSMo 644

**Applicable Rules:** 10 CSR 20-6.070

## Land Application Permit

**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. See the Operating Permits Section for more information.

**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) are available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html). Those forms may include:

- *Form A - Application for Construction or Operating Permit under Clean Water Law*, Form -- MO 780-1479 at [www.dnr.mo.gov/forms/780-1479-f.pdf](http://www.dnr.mo.gov/forms/780-1479-f.pdf).
- *Form B – Application for Construction or Operating Permit for Facilities which Receive Primarily Domestic Waste (≤100,000 Gallons Per Day) Under Missouri Clean Water Law*, Form -- MO 780-1512 at [www.dnr.mo.gov/forms/780-1512-f.pdf](http://www.dnr.mo.gov/forms/780-1512-f.pdf).
- *Form B2 - Application for Construction or Operating Permit for Facilities which Receive Basically Domestic Waste and Have a Design Flow More than 100,000 Gallons Per Day*, Form -- MO 780-1805 at [www.dnr.mo.gov/forms/780-1805-f.pdf](http://www.dnr.mo.gov/forms/780-1805-f.pdf).
- *Form I - Permit Application for Construction and Operation of Wastewater Irrigation Systems*, Form -- MO 780-1686 at [www.dnr.mo.gov/forms/780-1686-f.pdf](http://www.dnr.mo.gov/forms/780-1686-f.pdf).
- *Form R - Permit Application for Land Application of Industrial Wastewater Biosolids and Residuals*, Form -- MO 780-1684 at [www.dnr.mo.gov/forms/780-1684-f.pdf](http://www.dnr.mo.gov/forms/780-1684-f.pdf).
- *No Degradation Evaluation, Conclusion of Antidegradation Review*, Form -- MO 780-2026 at [www.dnr.mo.gov/forms/780-2026-f.pdf](http://www.dnr.mo.gov/forms/780-2026-f.pdf).
- Other required documents include an engineering report, detailed plans and specifications, geohydrological 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 Permits

## Operating Permit

**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).

All new or expanded wastewater facilities are subject to Missouri's Antidegradation Rule and Implementation Procedure. This procedure requires the proposed discharge to undergo a level of antidegradation review, which documents the use of a water body's available assimilative capacity is justified. New or expanded discharge refers to all new facilities, expanding facilities, and any new pollutants of concern. Antidegradation reviews should be conducted prior to submittal of construction or operating permit applications. The review will determine effluent limits for the project. For more information, a webpage is available at [www.dnr.mo.gov/env/wpp/permits/antideg-implementation.htm](http://www.dnr.mo.gov/env/wpp/permits/antideg-implementation.htm) with various resources to help with the Antidegradation Implementation Plan and Procedures.

**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 to \$.80 per residential sewer hookup and the amount is determined by the number of water hookups. Industrial and commercial rates are \$3 to \$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 to \$3,000 if design flow is less than one million gallons per day and \$2,500 to \$5,000 if design flow is equal to or greater than one million gallons per day.

**Required Documents:** A completed application forms available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html). The forms may include:

- *Form A - Application for Construction or Operating Permit under Clean Water Law, Form -- MO 780-1479 at [www.dnr.mo.gov/forms/780-1479-f.pdf](http://www.dnr.mo.gov/forms/780-1479-f.pdf).*
- *Form B – Application for Construction or Operating Permit for Facilities which Receive Primarily Domestic Waste (≤100,000 Gallons Per Day) Under Missouri Clean Water Law, Form -- MO 780-1512 at [www.dnr.mo.gov/forms/780-1512-f.pdf](http://www.dnr.mo.gov/forms/780-1512-f.pdf).*
- *Form B2 - Application for Construction or Operating Permit for Facilities which Receive Basically Domestic Waste and Have a Design Flow More than 100,000 Gallons Per Day, Form -- MO 780-1805 at [www.dnr.mo.gov/forms/780-1805-f.pdf](http://www.dnr.mo.gov/forms/780-1805-f.pdf).*
- *Form C - Application for Discharge Permit - Manufacturing, Commercial, Mining and Silviculture Operations, Process and Stormwater, Form -- MO 780-1514 at [www.dnr.mo.gov/forms/780-1514-f.pdf](http://www.dnr.mo.gov/forms/780-1514-f.pdf).*
- *Form D - Application for Discharge Permit - Primary Industries, Form -- MO 780-1516 at [www.dnr.mo.gov/forms/780-1516-f.pdf](http://www.dnr.mo.gov/forms/780-1516-f.pdf).*
- *Water Quality Review/Assistance Antidegradation Review Request, Form -- MO 780-1893 at [www.dnr.mo.gov/forms/780-1893-f.pdf](http://www.dnr.mo.gov/forms/780-1893-f.pdf). From the form, the permittee will be directed to the other applicable antidegradation forms.*

**Length of Permit:** Not to exceed five years.

**Average Processing Time:** 180 days for Water Quality Antidegradation Review, 180 days for permit processing.

**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 propose on-site wastewater (septic) systems as the method of wastewater treatment and were required to comply with previous regulations that 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 land or expands an existing subdivision or development by three or more lots where those lots are less than five acres in size. A number of exemptions exist for this requirement including:

- Lots five acres or greater in size.
- Where the department has determined the local administrative authority has a sufficient local program.
- Where a centralized wastewater collection and treatment system is proposed provided all other requirements of the Missouri Clean Water Law and regulations can be satisfied.
- Certain smaller or older subdivisions.

Related Fact Sheets available on the Web are:

- *Common Promotional Plan, Disposal of Wastewater in Residential Housing Developments 10 CSR 20-6.030* (PUB2225) at [www.dnr.mo.gov/pubs/pub2225.pdf](http://www.dnr.mo.gov/pubs/pub2225.pdf).
- *Multiple-Family Developments* (PUB2155) at [www.dnr.mo.gov/pubs/pub2155.pdf](http://www.dnr.mo.gov/pubs/pub2155.pdf).
- *On-Site Waste Disposal in a Subdivision, Disposal of Wastewater in Residential Housing Developments 10 CSR 20-6.030* (PUB2226) at [www.dnr.mo.gov/pubs/pub2226.pdf](http://www.dnr.mo.gov/pubs/pub2226.pdf).
- *Who Regulates Wastewater in Missouri?* (PUB1296) at [www.dnr.mo.gov/pubs/pub1296.pdf](http://www.dnr.mo.gov/pubs/pub1296.pdf).

**Fees:** No fees

**Required Documents:** A completed *Request for Approval Under 10 CSR 20-6.030 Disposal of Wastewater in Residential Housing Developments*, Form -- MO 780-1706, available online at [www.dnr.mo.gov/forms/780-1706-f.pdf](http://www.dnr.mo.gov/forms/780-1706-f.pdf), a completed geohydrological evaluation (see *On-Site Waste Disposal in a Subdivision, Disposal of Wastewater in Residential Housing Developments 10 CSR 20-6.030* (PUB2226), at [www.dnr.mo.gov/pubs/pub2226.pdf](http://www.dnr.mo.gov/pubs/pub2226.pdf)), a soils report and a plat map.

**Length of Permit:** No specified length

**Average Processing Time:** 45 days to complete the geohydrological evaluation; 90 days to make the final determination for approval.

**Public Participation:** No comment period required

**Applicable Statutes:** Section 644.026, RSMo

**Applicable Rules:** 10 CSR 20-6.030

## Sewer Extension

**Regulated Activities:** The construction of sewer lines or sewage-treatment devices.

**Fees:** \$75 for less than 1,000 feet of sewer line. \$300 for 1,000 feet or more of sewer line.

**Required Documents:** Sewer extension engineering report, detailed plan and specifications, planning and zoning approval and a geohydrological evaluation from the Division of Geology and Land Survey. Completed application form is available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

The forms may include:

- *Application for Construction Permit – Sewer Extension*, Form -- MO 780-1632 at [www.dnr.mo.gov/forms/780-1632-f.pdf](http://www.dnr.mo.gov/forms/780-1632-f.pdf).
- *No Degradation Evaluation Conclusion of Antidegradation Review*, Form -- MO 780-2026 at [www.dnr.mo.gov/forms/780-2026-f.pdf](http://www.dnr.mo.gov/forms/780-2026-f.pdf).
- Sewer extension construction approval request, which is the City's request to conduct its own review and approval of sewer and interceptor lines within the sewer system.

**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

## Sewage Treatment Plant Construction Permit

**Regulated Activities:** The construction of sewage-treatment devices.

**Fees:** \$750 with design flow under 500,000 gallons per day; \$2,200 with design flow of 500,000 gallons or more per day.

**Required Documents:** Engineering report, detailed plan and specifications, planning and zoning approval and a geological evaluation from the Division of Geology and Land Survey. Completed application form, available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

The forms may include:

- *Form A - Application for Construction or Operating Permit under Clean Water Law*, Form -- MO 780-1479 at [www.dnr.mo.gov/forms/780-1479-f.pdf](http://www.dnr.mo.gov/forms/780-1479-f.pdf).
- *Form B – Application for Construction or Operating Permit for Facilities which Receive Primarily Domestic Waste (≤100,000 Gallons Per Day) Under Missouri Clean Water Law*, Form -- MO 780-1512 at [www.dnr.mo.gov/forms/780-1512-f.pdf](http://www.dnr.mo.gov/forms/780-1512-f.pdf).
- *Form B2 - Application for Construction or Operating Permit for Facilities which Receive Basically Domestic Waste and Have a Design Flow More than 100,000 Gallons Per Day*, Form -- MO 780-1805 at [www.dnr.mo.gov/forms/780-1805-f.pdf](http://www.dnr.mo.gov/forms/780-1805-f.pdf).

- *Form I - Permit Application for Construction and Operation of Wastewater Irrigation Systems*, Form -- MO 780-1686 at [www.dnr.mo.gov/forms/780-1686-f.pdf](http://www.dnr.mo.gov/forms/780-1686-f.pdf).
- *Water Quality Review/Assistance Antidegradation Review Request, Form* -- MO 780-1893 at [www.dnr.mo.gov/forms/780-1893-f.pdf](http://www.dnr.mo.gov/forms/780-1893-f.pdf). From the form, the permittee will be directed to the other applicable antidegradation forms.
- *No Degradation Evaluation Conclusion of Antidegradation Review, Form* -- MO 780-2026 at [www.dnr.mo.gov/forms/780-2026-f.pdf](http://www.dnr.mo.gov/forms/780-2026-f.pdf). This form may be applicable for some requests, such as the addition of disinfection.

**Length of Permit:** One year

**Average Processing Time:** 60 days for Water Quality Antidegradation Review, 120 days for Permit Processing.

**Public Participation:** Public notice and a 30 day comment, 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

## Stormwater Permit

The Missouri Department of Natural Resources now offers automated land disturbance permitting system. This tool, called ePermitting, provides easy and convenient online access to apply for, pay for and print a land disturbance permit 24 hours a day, seven days a week. To access ePermitting, visit [www.dnr.mo.gov/env/wpp/epermit.htm](http://www.dnr.mo.gov/env/wpp/epermit.htm).

**Regulated Activities:** Stormwater 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. More information is available on the department's stormwater webpage at [www.dnr.mo.gov/env/wpp/stormwater/index.html](http://www.dnr.mo.gov/env/wpp/stormwater/index.html).

Site-specific stormwater permits will address the antidegradation procedures by completing an alternatives analysis of best management practices in the Stormwater Pollution Prevention Plan, or SWPPP. EPA has developed an Industrial SWPPP guidance available online at [www.epa.gov/npdcs/pubs/industrial\\_swppp\\_guide.pdf](http://www.epa.gov/npdcs/pubs/industrial_swppp_guide.pdf).

General stormwater permits will address antidegradation procedures during the reissuance of the general permit templates. As permits are renewed, antidegradation procedures will be implemented into the permits. Incorporating the antidegradation requirements in this manner will incrementally address all general permits within five years from the effective date of the Antidegradation Rule and Implementation Procedure. The scheduled expiration dates of the general permits is available online at [www.dnr.mo.gov/env/wpp/permits/wpcpermits-stormwater.htm](http://www.dnr.mo.gov/env/wpp/permits/wpcpermits-stormwater.htm).

**Fees:** \$150 annually for a general permit. \$1,350 annual for design flows under 1 million gallons per day and \$2,350 annually for design flows over 1 million gallons per day for a site-specific stormwater permit. \$300 for a general permit for the discharge of stormwater from a land disturbance site.

**Required Documents:** Completed application form available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html).

**Required Documents:** Application forms are available online at [www.dnr.mo.gov/forms/index.html](http://www.dnr.mo.gov/forms/index.html). The forms may include:

- *Form A - Application for Construction or Operating Permit Under Clean Water Law*, Form -- MO 780-1479 at [www.dnr.mo.gov/forms/780-1479-f.pdf](http://www.dnr.mo.gov/forms/780-1479-f.pdf).
- *Form C - Application For Discharge Permit –Manufacturing, Commercial, Mining, Silviculture Operations, Process and Stormwater*, Form -- MO 780-1514 at [www.dnr.mo.gov/forms/780-1514-f.pdf](http://www.dnr.mo.gov/forms/780-1514-f.pdf)
- *Form E - Application for General Permit Under Clean Water Law*, Form -- MO 780-0795 at [www.dnr.mo.gov/forms/780-0795-f.pdf](http://www.dnr.mo.gov/forms/780-0795-f.pdf).
- *Form G - Application for Stormwater General Permit - Land Disturbance*, Form -- MO 780-1408 at [www.dnr.mo.gov/forms/780-1408-f.pdf](http://www.dnr.mo.gov/forms/780-1408-f.pdf).
- *Form K - Application for Individual Small MS4 General Permit*, Form -- MO 780-1802 at [www.dnr.mo.gov/forms/780-1802-f.pdf](http://www.dnr.mo.gov/forms/780-1802-f.pdf).
- *Form L - Application for Co-permittee Small MS4 General Permit*, Form--MO780-1801 at [www.dnr.mo.gov/forms/780-1801-f.pdf](http://www.dnr.mo.gov/forms/780-1801-f.pdf).
- *Form M - Application For Stormwater Permit (Form K or L must be included) Under The General Permit: Small Municipal Separate Storm Sewer System (MS4)*, Form -- MO 780-1800 at [www.dnr.mo.gov/forms/780-1800-f.pdf](http://www.dnr.mo.gov/forms/780-1800-f.pdf).
- ePermitting for land disturbance at [www.dnr.mo.gov/env/wpp/epermit/help.htm](http://www.dnr.mo.gov/env/wpp/epermit/help.htm).

**Length of Permit:** Five years, maximum

**Average Processing Time:** 21 days for a general permit; 60 to 180 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 is required for renewal of coverage to an individual facility.

**Applicable Statutes:** RSMo 644

**Applicable Rules:** 10 CSR 20-6.200

## Stormwater General Permits

Fact sheets for a number of the general permits are available online at [www.dnr.mo.gov/pubs/index.html](http://www.dnr.mo.gov/pubs/index.html).

- Agrichemical Facilities SIC 5191 (R241).
- Airports (R80F).
- Biodiesel Manufacturing (R23E).
- *Stormwater Permit Requirements for the Chemical Manufacturing Industry* (PUB224) (R23A) available at [www.dnr.mo.gov/pubs/pub224.pdf](http://www.dnr.mo.gov/pubs/pub224.pdf).
- *Stormwater Permit Requirements for Ferrous/Non-Ferrous Foundries, Casting, Extrusion, Rolling, Galvanizing and Finishing* (PUB224) (R203) available at [www.dnr.mo.gov/pubs/pub226.pdf](http://www.dnr.mo.gov/pubs/pub226.pdf).
- Land Disturbance >one acre (R101, R109) - *Permitting Process* (PUB488) available at [www.dnr.mo.gov/pubs/PUB2448.pdf](http://www.dnr.mo.gov/pubs/PUB2448.pdf) and *Stormwater Permit Requirements for Land Disturbance Activities*, PUB 2009 available at [www.dnr.mo.gov/pubs/pub2009.pdf](http://www.dnr.mo.gov/pubs/pub2009.pdf).
- Land Disturbance by City or County (R100).
- Land Disturbance in City/Co. w/program (R100A).
- Land Disturbance (R109). MORA
- Lumber and Wood Primary (R22A).
- Lumber and Wood Secondary (R22C) - *Preventing Pollution in Wood Furniture Manufacturing*, PUB1183, is available online [www.dnr.mo.gov/pubs/pub1183.pdf](http://www.dnr.mo.gov/pubs/pub1183.pdf).
- Motor Freight Transportation and Marinas(R80C)- *Stormwater Permit Requirements for Motor Freight Transportation or Warehousing* (PUB232) at [www.dnr.mo.gov/pubs/pub232.pdf](http://www.dnr.mo.gov/pubs/pub232.pdf) and *Preventing Pollution During Vehicle Salvage* (PUB394) available at [www.dnr.mo.gov/pubs/pub394.pdf](http://www.dnr.mo.gov/pubs/pub394.pdf).
- Motor Vehicle Salvage (R60A) - *Stormwater Permit Requirements for Motor Vehicle Salvage* (PUB233) available at [www.dnr.mo.gov/pubs/pub233.pdf](http://www.dnr.mo.gov/pubs/pub233.pdf)
- Plastics and Rubber Mfg. (R23D)- *Stormwater Permit Requirements for Plastics, Rubber Manufacturing and Molding Industry*, (PUB236) available at [www.dnr.mo.gov/pubs/pub236.pdf](http://www.dnr.mo.gov/pubs/pub236.pdf).
- Small Municipal Separate Storm Sewer System (MS4) (R04).
- Soil Remediation (R409) - *Permit Requirements for Underground Injection Control (UIC) Wells* (PUB221) available online at [www.dnr.mo.gov/pubs/pub221.pdf](http://www.dnr.mo.gov/pubs/pub221.pdf).
- Solid Waste Transfer (R80H)- *Stormwater Permit Requirements for Solid Waste Transfer Stations* (PUB240) available at [www.dnr.mo.gov/pubs/pub240.pdf](http://www.dnr.mo.gov/pubs/pub240.pdf).
- 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:** A completed application form, which may include: *UIC Application for Class V Permit*, Form -- MO 780-1826 available at [www.dnr.mo.gov/forms/780-1826-f.pdf](http://www.dnr.mo.gov/forms/780-1826-f.pdf).

Underground Injection Control, or UIC, I, Underground Injection Control II and other information of a site-specific nature such as maps. Forms are available 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* (PUB221) is available online at [www.dnr.mo.gov/pubs/pub221.pdf](http://www.dnr.mo.gov/pubs/pub221.pdf).

**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. More information about 401 certifications is available online at [www.dnr.mo.gov/env/wpp/401/index.html](http://www.dnr.mo.gov/env/wpp/401/index.html).

Antidegradation considerations will be incorporated into 404 permits and the corresponding 401 certifications at the time of permit issuance. Tier 1 and Tier 2 review will be met through 401 certification of individual 404 permits and will rely upon the information contained in the 404(b) (1) findings document prepared by the U.S. Army Corps of Engineers. Any discharge to an Outstanding National or State Resource Water will require a site-specific permit or individual 401 Certification to ensure impacts are temporary and the public has an opportunity to participate.

**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:** A 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 Geology and Land Survey  
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 about 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 [www.dnr.mo.gov/forms/780-1414-f.pdf](http://www.dnr.mo.gov/forms/780-1414-f.pdf).

**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