

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 includes:

- *In-Stream Sand and Gravel Operations Permit Application Package - Instructions and Definitions* (PUB2460) at 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.
- *Site Information*, Form -- MO 780-1036 at 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.
- *Consent to Entry*, Form -- MO 780-1329, at 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.
- Public Notice for New Permit at 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.

- *Permit Renewal for Industrial Mineral Mines*, Form -- MO 780-1780 at 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.
- Public Notice Permit Revision at 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.
- Public Notice Permit Expansion at 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.
- *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.

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.

- *Open Pit (Quarry) Mining Operations, Instructions and Definitions*, Form -- MO 780-1743 at 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.
- *Site Information*, Form -- MO 780-1036 at 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.
- *Consent to Entry*, Form -- MO 780-1329 at 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.
- *Public Notice for New Permit* at 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.
- *Personal Bond Secured By A Certificate Of Deposit*, Form -- MO 780-0936 at 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.
- *Personal Bond Secured by an Irrevocable Letter Of Credit*, Form MO -- 780-1472, at 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.

- *Permit Transfer*, Form -- MO 780-1333 at 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.
- *Public Notice to Renew Permit* at 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.
- *Public Notice to Transfer Permit* at 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.
- *Public Notice for combined Permit Transfer and Expansion* at 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.
- *Status Report* (must be submitted annually to report activities), Form -- MO 780-1885 at 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