



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Singleton Stone Quarry

Lake County, Indiana

(317) 232-8704 • (800) 451-6027

www.idem.IN.gov

100 N. Senate Ave., Indianapolis, IN 46204

Description:

Singleton Stone, LLC is a dolomite limestone quarry located near Hebron in Lake County, Indiana. Singleton Stone, LLC, is required to obtain multiple permits from multiple agencies, including the Indiana Department of Environmental Management (IDEM), for activities relating to construction activities, and for mining activities, once in operation. This fact sheet provides information relevant to environmental regulations for the proposed construction and mining activities.

Approvals and Permits for Singleton Stone, LLC:

Singleton Stone, LLC has received an approval from the Lake County Indiana Drainage Board, four authorizations from IDEM's Office of Water Quality, one permit from IDEM's Office of Air Quality, two permits from the Indiana Department of Natural Resources (IDNR), and Regional General Permit authorization from the United States Army Corps of Engineers (USACE). Following are descriptions that include dates, agencies, and the purposes of the various approvals and permits.

- **Volume and Quality of Water Discharged.** On August 14, 2014, the Lake County Indiana Drainage Board approved Singleton Stone Quarry's application to develop the quarry and discharge water into the Singleton Ditch.
- **Dust and fine particle control.** On March 30, 2015, IDEM's Office of Air Quality issued a *New Source Review and Source Specific Operating Agreement (SSOA)*, Number 089-34198-00580. The air permit contains requirements for controlling potential emissions from the crushed stone operation and limestone quarry, including fugitive dust from roads at the site, dust from exposed areas and storage piles, dust generated during the transportation of materials, and dust from materials processing equipment.
- **Construction storm-water run-off.** On May 6, 2015, IDEM's Office of Water Quality authorized coverage under general permit number INR10J899 for storm water run-off associated with construction activity. This coverage addresses contaminants, primarily sedimentation, from storm water washing over bare ground or disturbed soils at construction sites. Requirements are found in Title 327, Article 15, Chapter 5 of the Indiana Administrative Code (327 IAC 15-5).
- **Mine dewatering discharge.** On May 15, 2015, IDEM's Office of Water Quality authorized coverage under general permit number ING490143, effective July 1, 2015, for the discharge of process wastewater. Process wastewater primarily consists of mine dewatering water, ground water, and storm water managed at the operation. As part of its operations, the storm water run-off from the plant and the pit area, as well as ground water from the pit, will be directed into a sedimentation basin, or settling pond, for treatment. Water from that sedimentation pond will be discharged into Singleton Ditch at two locations. The purpose of this coverage is to ensure that these discharges are properly managed and monitored for potential pollutants. Requirements are found in Title 327, Article 15, Chapter 12 of the Indiana Administrative Code (327 IAC 15-12).
- **DNR approvals.** On June 12, 2015, IDNR issued two Certificates of Approval for construction in a floodway under application #FW-27699 and FW-27668. Requirements are found in Title 312, Article 10 of the Indiana Administrative Code (312 IAC 10) and Indiana Code 14-28-1.
- **Regional General Permit Authorization.** On June 18, 2015, the USACE verified that the construction of the Singleton Quarry was authorized under its Regional General Permit, noting that the project that will impact 6,039 linear feet of ditch that will be excavated and widened. The authorization was contingent upon Singleton Stone's adherence to a Memorandum of Agreement between Singleton, USACE and the State Historic Preservation Office.

- **Industrial storm-water run-off.** On September 8, 2015, IDEM's Office of Water Quality affirmed coverage under general permit number INRM01853 commencing on June 29, 2015 for the management of storm water that could come into contact with materials stored at the site or equipment used in mining and crushing operations. The requirements are found in Title 327, Article 15, Chapter 6 of the Indiana Administrative Code (327 IAC 15-6).
- **Water quality and wetlands impacts relating to the installation of culverts.** On September 11, 2015, IDEM's Office of Water Quality issued a Section 401 Water Quality Certification (WQC). The 401 WQC addresses work necessary to dredge three (3) ditches, for a total of 3,485 linear feet of impacts, and to redirect flow from a fourth ditch into a sediment basin. The project will also require the installation of six culverts. The 401 WQC addresses short-term and long-term measures necessary to protect water quality relating to the installation of the culverts.

IDEM's Role:

- IDEM is responsible for protecting human health and the environment while allowing for safe industrial, agricultural, commercial, and governmental operations vital to a prosperous economy.
- As with all regulated facilities, IDEM has worked to ensure the proper approvals have been issued. IDEM will continue to oversee the facility's compliance with all authorizations and applicable laws and rules. IDEM has authority under state law to monitor facility reports, conduct on-site inspections, and initiate formal enforcement action, when appropriate.

Singleton Stone's Role:

- The quarry is required to follow all terms of its permits for erosion control, waste water discharge, and fugitive dust. The facility is required to maintain detailed records of its operations as outlined in the above issued permits.

Citizen's Role:

- IDEM encourages citizens to remain informed about business activities in their neighborhoods and direct concerns and questions to the appropriate company representatives. Businesses are encouraged to work with neighbors to alleviate concerns or complaints.
- Citizens should report pollution complaints to IDEM's Pollution Complaint Coordinator at (800) 451-6027, ext. 2-4464, or submit a complaint online at www.IN.gov/idem/5274.htm.
- Businesses and citizens should report environmental emergencies, such as spills, to IDEM's 24-hour spill line at (888) 233-7745 (toll free).

More Information:

- Visit <http://in.gov/idem/cleanwater/2480.htm#singleton> to view the authorizations issued by IDEM's Office of Water Quality and the SSOA issued by IDEM's Office of Air Quality.
- Visit www.IN.gov/idem/cleanwater/index.htm for information about IDEM's Office of Water Quality, wastewater permits, storm water programs, and 401 Water Quality Certification.
- Visit www.IN.gov/idem/airquality/index.htm, for information about IDEM's Office of Air Quality and its various permitting programs. Visit www.IN.gov/idem/6900.htm for The Citizens' Guide to IDEM, which contains information about public participation.
- Visit the Indiana General Assembly's website at www.IN.gov/legislative/iac/, to view the Indiana Administrative Code.
- The Indiana Department of Natural Resources' (IDNR's) provides permit information on its website at http://www.in.gov/apps/dnr/water/query/dnr_water_permit_query.
- Contact local county officials concerning local zoning and drainage issues.