

GREDELL Engineering Resources, Inc.

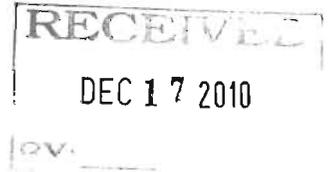
ENVIRONMENTAL ENGINEERING

LAND - AIR - WATER

Offices in Jefferson City, Rolla, Springfield and St. Louis, Missouri

December 14, 2010

NPDES Permits Unit
Southeast Regional Office
Department of Natural Resources
2155 N. Westwood Blvd.
Poplar Bluff, MO 63901



Re: MO G49 Permit Application: Heartland Materials, LLC, Open Pit Operation, T-32N, R-13E,
Cape Girardeau County, Missouri

Dear Sir/Ma'am:

On behalf of Heartland Materials, LLC, enclosed is a Form E permit application pertaining to the referenced proposed limestone quarry operation. A map and check in the amount of \$150 accompany this submittal.

Please review at your earliest convenience and advise me when the required public notification requirements will begin. If you have any additional questions or comments about the application, please contact me or Mr. Danny Dumey of Heartland Materials, LLC.

Sincerely,

A handwritten signature in black ink, appearing to read "Mikel C. Carlson".

Mikel C. Carlson, R.G.
Senior Geologist

Enclosures

C: Danny Dumey, Heartland Materials, LLC.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM
FORM E – APPLICATION FOR GENERAL PERMIT
 UNDER MISSOURI CLEAN WATER LAW

FOR AGENCY USE ONLY	
CHECK NUMBER <u>6877</u>	
DATE RECEIVED <u>12-17-10</u>	FEE SUBMITTED <u>150.00</u>

1.00 CATEGORY OF GENERAL PERMIT APPLIED FOR
MO G49 - Limestone Quarries

1.10

a. This facility is now in operation under Missouri Operating Permit Number, or NPDES, MO – _____ and there is not a proposed increase in design flow.

b. This facility is now in operation under Missouri Operating Permit Number MO – _____ and there is a proposed increase in design flow.

c. This is a new permit.

If you checked either item b or c above then you may need to submit an antidegradation review. See instructions.

2.00 NAME OF FACILITY
Heartland Quarry

2.10 ADDRESS (PHYSICAL) CITY STATE ZIP CODE

County Road 601 Jackson MO 63755

3.00 OWNER

NAME Heartland Materials, L.L.C.	E-MAIL ADDRESS ddumey@dumeycontracting.com	TELEPHONE NUMBER WITH AREA CODE (573) 545-3030
		FAX NUMBER WITH AREA CODE (573) 545-3530
STREET P.O. Box 558	CITY Benton	STATE MO ZIP CODE 63736

4.00 CONTINUING AUTHORITY

NAME Same as owner	E-MAIL ADDRESS	TELEPHONE NUMBER WITH AREA CODE
		FAX NUMBER WITH AREA CODE
STREET	CITY	STATE ZIP CODE

5.00 OPERATOR

NAME N/A	TELEPHONE NUMBER WITH AREA CODE
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6.00 FACILITY CONTACT

NAME Richard Hurst	TELEPHONE NUMBER WITH AREA CODE (573) 545-3030
	FAX NUMBER WITH AREA CODE (573) 545-3530

TITLE
Owner - Heartland Materials, L.L.C.

7.00 FOR EACH OUTFALL GIVE THE LEGAL DESCRIPTION (ATTACH ADDITIONAL SHEETS AS NECESSARY)

Outfall Number 001 NW ¼ SE ¼ Sec. SUR 799 & 2192 T 32N R 13E Cape Girardeau County

Outfall Number 002 SE ¼ NW ¼ Sec. SUR 799 & 2192 T 32N R 13E Cape Girardeau County

Outfall Number _____ _____ ¼ _____ ¼ Sec. _____ T _____ R _____ County

7.10 FOR EACH OUTFALL LIST THE NAME OF THE RECEIVING WATER

Outfall Number 001 Receiving Water Unnamed Tributary of Hubble Creek

Outfall Number 002 Receiving Water Unnamed Tributary of Hubble Creek

Outfall Number _____ Receiving Water _____

7.20 BRIEFLY DESCRIBE THE NATURE OF YOUR BUSINESS
Limestone quarry to provide aggregate for paving materials.

7.30 Does the discharge(s) for which you are seeking a permit discharge to a combined sewer system? Yes No

7.40 Primary SIC Code 1422

7.50 If this application is for a storm water permit, list any materials that are stored outside and exposed to storm water. **Limestone, aggregates, earthen materials**

7.60 Attach a USGS 1" = 2,000' scale map showing the location of the facility in relation to the local road system. Indicate on the map the facility, the receiving stream, the points of discharge and the map section, township and range.

7.70 If this is an existing discharge, submit a summary of pollutants analyzed in the past two years.

7.80 What is the method of domestic wastewater disposal? Portable Toilet

7.90 I certify that I am familiar with the information contained in the application and to the best of my knowledge and belief such information is true, complete and accurate, and if granted this permit, I agree to abide by the Missouri Clean Water Law and all rules, regulations, orders and decisions, subject to any legitimate appeal available to applicant under the Missouri Clean Water Law of Missouri Clean Water Commission.

A. NAME AND OFFICIAL TITLE (TYPE OR PRINT) Mike Carlson, R.G.	B. TELEPHONE NUMBER WITH AREA CODE (573) 659-9078
C. SIGNATURE 	D. DATE SIGNED 12-14-10

INSTRUCTIONS

This form must be submitted with the application fee (listed below). Persons with more than one operating location shall obtain a general permit for each location unless other permitting arrangements are allowed by the terms of the general permit. Where multiple discharge points exist at a single operating location, one application may cover all the applicable discharges. If there are any questions concerning this form, please contact the appropriate regional office (see map available at www.dnr.mp.gov/regions/regions.htm).

Fees: Land Disturbance (Form G must be included) - \$300 (due at application time only)

Ag Chem Fertilizer/Pesticide - \$50 due with application for new permits; \$50/year while permit is in effect; no fee required with renewal application.

Concentrated Animal Feeding Operation, or CAFO - \$150 (due at application time only)

General Permit - Other (e.g., Motor Vehicle Salvage, Limestone Quarry, Petroleum Storage.) - \$150 due with application for new permits and each year until expiration; \$60/year thereafter; no fee required with renewal application.

- 1.00 Give the name of the specific general permit you are applying for: (e.g., Land Disturbance, Motor Vehicle Salvage.) If you are unsure about the specific name for the general permit, contact the Water Protection Program, Water Pollution Branch at 573-751-6825.
- 1.10 Fill out either item (a.), item (b.), or item (c. as applicable).

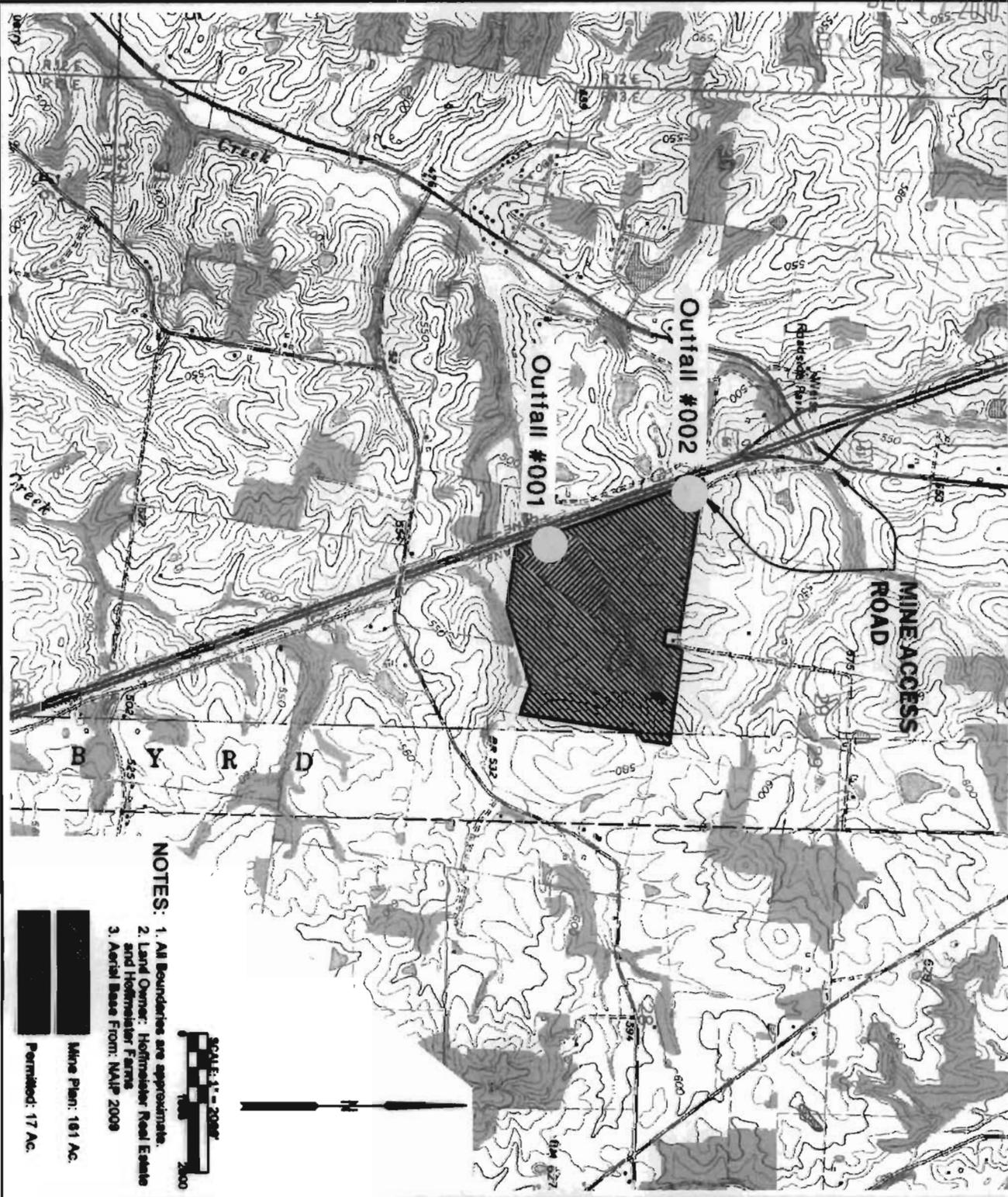
Each General permit may have specific antidegradation review requirements contained within it. Go to the following Web sites to verify your specific requirements: For MO-G permits visit www.dnr.mo.gov/env/wpp/permits/wpcpermits-general.htm. For MO-R permits visit www.dnr.mo.gov/env/wpp/permits/wpcpermits-stormwater.htm.

Effective Sept. 1, 2008, facilities are required to use *Missouri's Antidegradation Rule and Implementation Procedure*. This document is available on the Web at www.dnr.mo.gov/env/wpp/docs/aip-cwc-appr-050708.pdf. For more information please contact the Department at 800-361-4827 or 573-751-1300.

- 2.00 Name of facility - by what name is this facility known locally? (e.g., Southwest Sewage Treatment Plant or Oak Hill Mobile Home Park.)
- 2.10 Give the street address of the facility. If the facility lacks a mailing address, give an accurate geographic description. (e.g., Intersection of Route A and M.)
- 3.00 Owner - legal name and address of owner.
- 4.00 Continuing Authority - permanent organization which will serve as the continuing authority for the operation, maintenance and modernization of the facility.
- 5.00 Operator - name, certificate number of person operating the facility.
- 6.00 Give name of person at the facility who can be contacted by the Department if necessary.
- 7.00 An outfall is the point(s) at which wastewater is discharged. For storm water this may be the point(s) where water leaves the property. Outfalls should be given in terms of the legal description of the facility. Sufficient information should be submitted so the outfall may be located by Department staff.
- 7.10 Receiving stream(s) - the name of the stream(s) to which the discharge is directed and any subsequent tributary until a lake or continuous flowing stream is reached.
- 7.20 Describe the primary business conducted at this site.
- 7.30 A combined sewer system is one in which the sanitary and storm sewers are one pipe. In Missouri, parts of Macon, Moberly, Cape Girardeau, St. Joseph, Kansas City, Sedalia and all of the city of St. Louis are on combined sewer systems. To find out information, consult with your municipal public works department or, if in St. Louis, the St. Louis Metropolitan Sewer District (MSD). If this discharge is to a combined sewer system, it is exempt from storm water permitting requirements. You do not need to file this application if it is for storm water discharges only.
- 7.40 List only your primary Standard Industrial Classification, or SIC, code. The SIC system was devised by the U.S. Office of Management and Budget to cover all economic activities. The primary SIC code is that of the operation that generates the most revenue, or, secondly, employs the most personnel. To find the correct SIC code, contact the Missouri Department of Natural Resources at 573-526-6627 or refer to the following Web sites: www.census.gov/epcd/www/naicstab.htm or www.osha.gov/pls/imis/sicsearch.html.
- 7.50 Please list anything stored outside, including wood pallets, empty storage barrels, waste disposal containers (except for a secured Dempsey dumpster), or anything that is a raw material, by-product, or product of your manufacturing activities.
- If your facility is listed under any of the following SIC codes or major group codes, and you can certify that no materials are stored outside, then you are exempt from storm water permitting requirements. You do not need to file this application if it is for storm water discharges only. This information refers to the first two, first three, or all four numbers of your SIC code listed in 7.40 above. The SIC codes that are exempt from regulations if no materials are stored outside are: 20xx-23xx, 25xx, 265x, 267x, 27xx, 283x, 285x, 30xx, 31xx, 323x, 34xx-39xx, and 4221-4225.
- 7.60 A map showing the facility in relation to the local roads and receiving streams is required. Attach a 1" = 2000' scale U.S. Geological Survey topographic map, which is available from the Department's Division of Geology and Land Survey in Rolla, MO at 573-368-2125.
- 7.70 If this is an existing discharge, submit a list of pollutants that have been analyzed in the past two years and any laboratory findings.
- 7.80 Give the method of domestic wastewater disposal, identify the future method if the site is currently undeveloped. If public sewers, give name of sewer agency. If private system with a State Operating Permit, give name of facility and permit number. If other, please describe.
- 8.00 Signature - all applications must be signed as follows and the signature must be original.
- For a corporation, by an officer having responsibility for the overall operation of the regulated facility or activity or for environmental matters.
 - For a partnership or sole proprietorship, by a general partner or the proprietor.
 - For a municipal, state, federal, or other public facility, by either a principal executive officer or by an individual having overall responsibility for environmental matters at the facility.

RECEIVED

DEC 17 2010



ZONE	REV	DESCRIPTION	DATE	APPROVED

NOTES:
 1. All boundaries are approximate.
 2. Land Owner: Hoffmeister Real Estate and Hoffmeister Farms
 3. Aerial Base From: NAIP 2009

Mine Plan: 161 Ac.
 Permitted: 17 Ac.



HEARTLAND QUARRY
 SUR 799 & 2192
 T-32N, R-13E
 CAPE GIRARDEAU COUNTY

GREDELL Engineering Resources, Inc.
 ENVIRONMENTAL ENGINEERING

LAND	AIR	WATER
1805 East High Street		Telephone: (573) 659-9078
Jefferson City, Missouri 65101		Facsimile: (573) 659-9079

SITE LOCATION MAP

DATE 10/2010	SCALE AS SHOWN	FIGURE 780000000000	REV
DRAWN BY: WJA	APPROVED BY: MCC	PROJECT NO. HEARTLAND QUARRY	