



ARKANSAS
Department of Environmental Quality

**NOTICE OF INTENT
NPDES GENERAL PERMIT ARG500000
AGGREGATE FACILITIES**

The attached form can be used by all persons desiring coverage under NPDES general permit ARG500000 (Aggregate Facilities). The form should be completed and submitted to this Department in accordance with Part 1.2.4 of the general permit.

Be sure to read the Permit No. ARG500000. It describes what constitutes coverage under this permit, effluent requirements, discharge limitations, and other standard conditions that are applicable to this permit. A copy of the permit, fact sheet and other information for this permit can be obtained on the Department's website: http://www.adeq.state.ar.us/water/branch_permits/general_permits/default.htm

If you have any questions concerning the ARG500000 permit information or Notice of Intent, please contact General Permits Section of the Water Division at (501) 682-0623.

REMEMBER THE FOLLOWING:

1. The Notice of Intent (NOI) must be complete. Do not leave any question blank; use "NA" if a question is not applicable. Outfall information must be completed; it cannot be blank or "NA".
2. A Topographic map showing the location of the discharge points must be attached to the Notice of Intent at the time of submission.
3. Read the Certification.
4. A \$200.00 Check payable to ADEQ (Re: ARG500000).
5. A Disclosure form. Arkansas Code Annotated Section 8-1-106 requires that all applicants for the issuance or transfer of any permit, license, certification or operational authority issued by the Arkansas Department of Environmental Quality (ADEQ) file a disclosure statement with their applications. The filing of a disclosure statement is mandatory. No application can be considered complete without one. A new disclosure statement must be submitted even if one is already on file with the Department. The form may be obtained from ADEQ web site at: http://www.adeq.state.ar.us/disclosure_stmt.pdf

Please call the following number if you have any questions on this Form:

| <u>Topic</u> | <u>Contact person</u> | <u>Phone Number</u> |
|--|--|---------------------|
| Area Map and USGS Hydrologic Unit Code | Department of the Interior United States Geological Survey | (501)296-1877 |
| Domestic Drinking Water Supply Intake | Department of Health | (501)661-2623 |
| General Information | Permits Branch | (501)682-0623 |

WATER DIVISION
5301 NORTHSORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118
PHONE 501-682-0623 / FAX 501-682-0880
www.adeq.state.ar.us

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INTENT
AGGREGATE FACILITIES
NPDES GENERAL PERMIT ARG500000

Application Type: New X Renewal (Permit # ARG500022)

I. PERMITTEE/OPERATOR INFORMATION

Permittee (Legal Name): Powhatan Quarry, LLC Operator Type:
Permittee Mailing Address: P.O. Box 105050 State Partnership
Permittee City: Jefferson City Federal Corporation*
Permittee State: Missouri Zip: 65110 Sole Proprietorship/Private
Permittee Telephone Number: (573) 634-4800 *State of Incorporation: Arkansas
Permittee Fax Number: (573) 634-7052 The legal name of the Permittee must be
Permittee E-mail Address: cthiltgen@capitalquarries.com identical to the name listed with the Arkansas
Secretary of State.

II. INVOICE MAILING INFORMATION

Invoice Contact Person: Chris Thiltgen City: Jefferson City
Invoice Mailing Company: P.O. Box 105050 State: Missouri Zip: 65110
Invoice Mailing Address: P.O. Box 105050 Telephone: (573) 634-4800

III. FACILITY INFORMATION

Facility Name: Powhatan Quarry, LLC Facility Contact Person: Jamie P. Jones
Facility Address: 4549 N. Highway 25 Telephone Number: (573) 634-4800
Driving Directions to Facility: Take Hwy 63 to Black Rock, then south on State Hwy 25. Go app. 1-mile south on Hwy 25.
The quarry is on the west side of Hwy 25.
Facility County: Lawrence Facility City, State & Zip: Powhatan, AR, 72458
Facility Latitude: 36 Deg 05 Min 17.4 Sec Facility Longitude: 91 Deg 06 Min 33.6 Sec
Accuracy: Unknown Method: Earth Datum: Unknown Scale: Unknown Description: Entrance
Facility SIC Code: 1422 Facility NAICS: 212319

IV. DISCHARGE INFORMATION

Outfall Number: 001 Estimated Flow: 0.1 MGD (Million Gallons per Day)
Mine dewatering. Water is pumped from pit using a manually operated diesel engine pump (1600 gpm)
Effluent Description: Pump operated 1 to 2 hours per day but not every day. Estimated flow is for one hour of operation.
Stream Segment: 4G Hydrologic Basin Code: 11010009
Outfall Latitude: 36 Deg 17 Min 51.38 Sec Outfall Longitude: 90 Deg 59 Min 1.65 Sec
Accuracy: Unknown Method: Earth Datum: Unknown Scale: Unknown Description: Point
Receiving Stream: Unnamed drainage to Black River
Treatment System*: No treatment system

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V. FACILITY PERMIT INFORMATION

NPDES Individual Permit Number (If Applicable): AR00
NPDES General Permit Number (If Applicable): ARG500022
State Construction Permit Number: ARG5 C
NPDES General Construction Stormwater Permit Number (If Applicable): ARR15
NPDES Industrial Stormwater General Permit Number: ARR00
Mining Permit Number: Pre-law mine site
Other Department Permits: Air permit #1916-AGP-024

VI. OTHER INFORMATION:

Geological Description of Site: The site is located in the Ozark Plateau Region. The material to be mined is dolomite.
Additional Location Description: NA
Additional Comments: NA
Consultant Contact Name: Dean S. Smart
Consultant Email Address: dsmart@mecpc.com
2009 E. Jefferson
McCarty
Consultant Address: St. City: City State: Missouri Zip: 65101
Consultant Phone Number: (573) 636-9454 Consultant Fax Number: (573) 761-4200

VII. CERTIFICATION OF OPERATOR

"I certify that, if this facility is a corporation, it is registered with the Secretary of the State of Arkansas. I certify that the cognizant official designated in this Application is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed only by the Applicant. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible Official Printed Name: Keith Richter Title: President
Responsible Official Signature: *Keith Richter* Date: 4/6/2016
Responsible Official Email: krichter@capitalquarries.com

Cognizant Official Printed Name: Chris Thiltgen Title: Regulatory Compliance Manager
Cognizant Official Signature: *Chris Thiltgen* Telephone: (573) 634-4800
Cognizant Official Email: cthiltgen@capitalquarries.com

X. PERMIT REQUIREMENT VERIFICATION

Please check the following to verify completion of permit requirements. If you answer "NO" to any of questions below the application will be considered incomplete and cause a delay in the permitting process.

| | Yes | No | |
|---------------------------------------|-----|--------------------------|--|
| Submittal of Complete NOI? | X | <input type="checkbox"/> | |
| Submittal of Required Permit Fee? | X | <input type="checkbox"/> | New Permittees Only Check Number: _____ |
| Submittal of Topographic Map? | X | <input type="checkbox"/> | |
| Submittal of Disclosure Statement? | X | <input type="checkbox"/> | |
| | | | No industrial operator needed |
| Industrial Operator's License Number: | | | <u>mine dewater only.</u> |



INSTRUCTIONS

I. How to Determine Latitude and Longitude:

If a physical address is known go to www.terraserver-usa.com and proceed with the following steps:

1. Select Advanced Find
2. Select Address
3. Input address
4. Click on Aerial Photo
5. Click on the Info link at the top of the page
6. Note the Latitude and Longitude are in Decimal Coordinates.
7. Go to www.geology.enr.state.nc.us/gis/latlon.html to convert coordinates to Degrees, Minutes, and Seconds.

NOTE: If a physical address does not exist you may find the coordinates in the Legal Description of the property.

II. How to Determine the Accuracy, Method, Datum, Scale, and Description for the Facility/Outfall Latitude and Longitude:

Horizontal Accuracy Measure – This indicates the accuracy, **in meters**, of the latitude/longitude location, or how close the specific latitude/longitude location is guaranteed to be to the real-world location. It is typically a function of the method used to obtain the latitude/longitude.

Horizontal Collection Method - The text that describes the method used to determine the latitude and longitude coordinates for a point on the earth.

| | |
|--|--|
| Address Matching-House Number | Public Land Survey-Quarter Section |
| Address Matching-Block Face | Public Land Survey-Section |
| Address Matching-Street Centerline | Classical Surveying Techniques |
| Address Matching-Nearest Intersection | Zip Code-Centroid |
| Address Matching-Digitized | Unknown |
| Address Matching-Other | GPS-Unspecified |
| Census Block-1990-Centroid | GPS with Canadian Active Control System |
| Census Block/Group-1990-Centroid | Interpolation-Digital Map Source (TIGER) |
| Census Block/Tract-1990-Centroid | Interpolation-SPOT |
| Census-Other | Interpolation-MSS |
| GPS Carrier Phase Static Relative Position | Interpolation-TM |
| GPS Carrier Phase Kinematic Relative Position | Public Land Survey-Eighth Section |
| GPS Code (Pseudo Range) Differential | Public Land Survey-Sixteenth Section |
| GPS Code (Pseudo Range) Precise Position | Public Land Survey-Footing |
| GPS Code (Pseudo Range) Standard Position (SA Off) | Zip+4 Centroid |
| GPS Code (Pseudo Range) Standard Position (SA On) | Zip+2 Centroid |
| Interpolation-Map | Loran C |
| Interpolation-Photo | Interpolation-Other |
| Interpolation-Satellite | |

Horizontal Reference **Datum** - The code that represents the reference datum used in determining latitude and longitude coordinates.

| | |
|---------|-------|
| Unknown | WGS84 |
| NAD27 | NAD83 |

Source Map **Scale** - The scale used to determine the latitude and longitude coordinates.

| | |
|------------------------|-----------|
| Not Applicable | 1:62,500 |
| Unknown | 1:63,000 |
| 1:15,840 | 1:63,350 |
| 1:20,000 | 1:63,360 |
| 1:24,000 (1" = 2,000') | 1:100,000 |
| 1:25,000 | 1:250,000 |

Reference Point **Description** - The place for which geographic coordinates were established.

| | |
|--|--------------------------|
| Facility/Station Building Entrance or Street Address | Facility Center/Centroid |
| Boundary Point | Intake Point |
| Treatment/Storage Point | Release Point |
| Monitoring Point | Other |

III. How to Determine your Hydrologic Basin Code for the Facility/Outfall:

1. Locate the county of your facility on the map on Page 7.
2. Find the numbered segment overlaying the county. For example 2C overlays most of Saline County.
3. Find the Eight Digit Hydrologic Basin Code located inside the numbered segment.

IV. How to Determine your Stream Segment for the Facility/Outfall:

1. Locate the county of your facility on the map on Page 7.
2. Find the numbered Stream Segment overlaying the county. For example 2C overlays most of Saline County. 2C would be the Stream Segment for any facility located within that segment.

V. How to Determine your Ultimate Receiving Waters:

1. Locate the county of your facility on the map on Page 7.
2. Find the numbered segment overlaying the county. For example 2C overlays most of Saline County.
3. Match the number from the segment to one of the numbered Ultimate Receiving Waters. For example: A facility located in Western Saline County is in segment 2C. The "2" determines that the Ultimate Receiving Water for the project is the Ouachita River.

VI. Signatory Requirements: The information contained in this form must be certified by a ***responsible official*** as defined in the "signatory requirements for permit applications" (40 CFR 122.22).

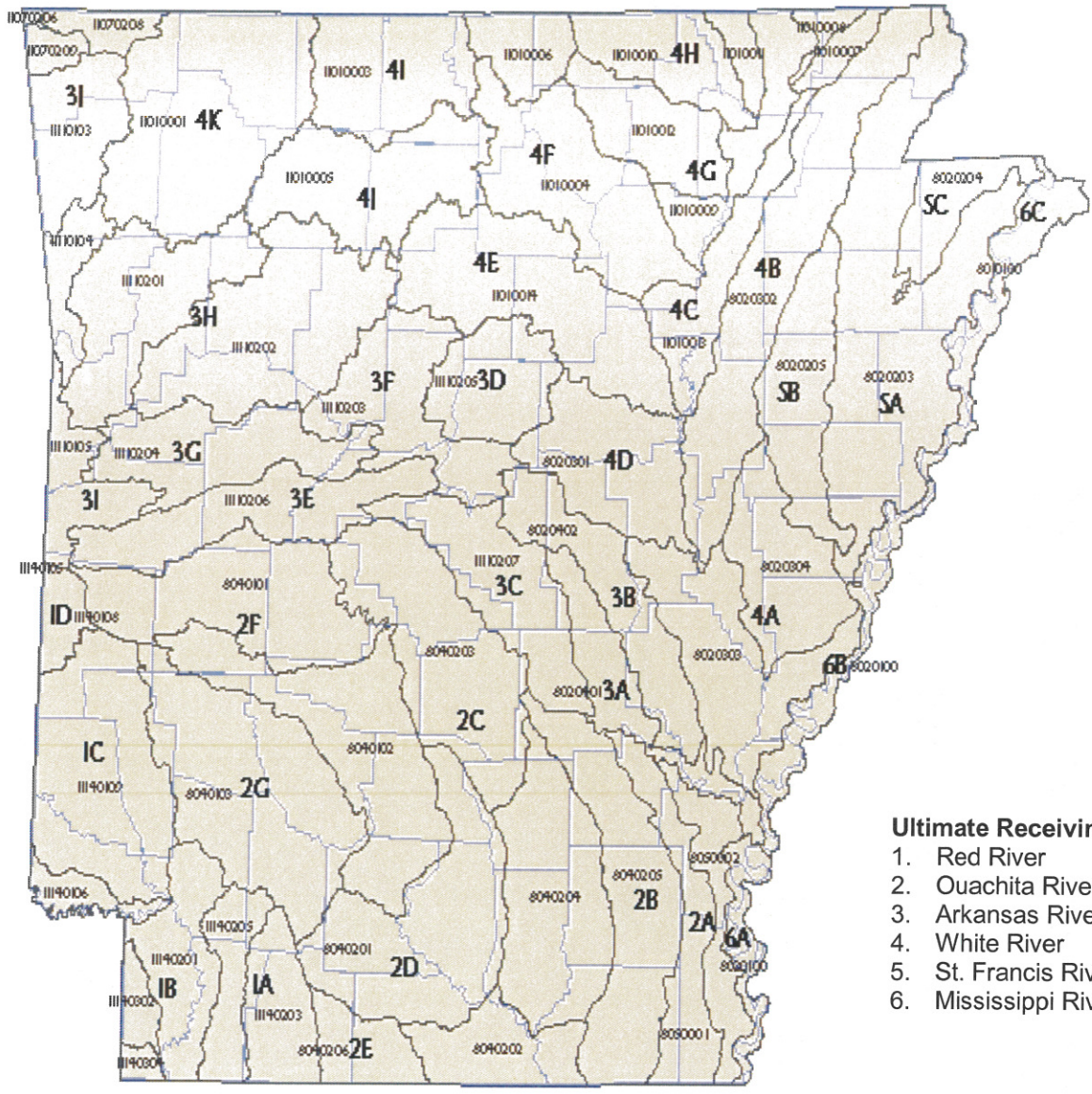
Responsible official is defined as follows:

Corporation, a principal officer of at least the level of vice president, treasurer

Partnership, a general partner

Sole proprietorship: the proprietor/owner

Municipal, state, federal, or other public facility: principal executive officer, or ranking elected official



- Ultimate Receiving Water**
1. Red River
 2. Ouachita River
 3. Arkansas River
 4. White River
 5. St. Francis River
 6. Mississippi River

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FIGURE 1 T17N, R1W, Sec. 29
Black Rock USGS Quadrangle

