

<b>FORM</b> <b>606-OKG95</b>	<b>OKLAHOMA</b> <b>DEQ</b>	<b>APPLICATION FOR THE AUTHORIZATION UNDER GENERAL PERMIT OKG95 TO DISCHARGE AND/OR DISPOSE OF INDUSTRIAL WASTEWATER AT ROCK, SAND AND GRAVEL QUARRIES &amp; STONE CUTTING FACILITIES</b>			
<b>A. TYPE OF AUTHORIZATION REQUESTED</b>					
New		Renewal		Modification	
<b>B. NAME OF FACILITY</b>					
<b>C. FACILITY CONTACT</b>					
1. Name & Title			2. Phone (area code & number)		3. Email Address
<b>D. FACILITY MAILING ADDRESS</b>					
1. Street or P.O. Box			2. City or Town		3. State
<b>E. FACILITY LOCATION</b>					
1. Street, Route No., or Other Specific Identifier					2. County
3. City or Town					4. State
6. Legal Description (1/4, 1/4, 1/4, Section, Township, Range)					
<b>F. OPERATOR INFORMATION</b>					
1. Name of Operator			2. Phone (area code & number)		3. Email Address
4. Status of Operator (check appropriate box; and if "Other", specify)					
Federal	State	Private	Public (other than Federal or State)		Other (specify):
5. Street or P.O. Box			6. City or Town		7. State
<b>G. IS THE FACILITY LOCATED ON INDIAN LAND?</b>					
Yes	No	If Yes, describe:			
<b>H. MAP</b>					
Include a topographic map that will show the locations of all of the following items which are or will be present: outfalls, surface impoundments, subsurface tanks, storage facilities, containment devices, monitoring wells, and any water wells within one-half (1/2) mile of any surface impoundment or subsurface tank.					
<b>I. SOURCES OF WATER SUPPLY AND AMOUNT USED</b>					
Identify all sources of facility water by entering the appropriate letter(s) in the boxes below and then providing the appropriate description(s), as indicated in parentheses. List each source on a separate line. If you have more than one source of a given type, indicate this by entering the letter, followed by two digits (e.g., if your water comes from three wells, the sources would be indicated as G01, G02 and G03). For each source, estimate of the average daily use. Continue on additional sheets if needed.					
<b>G = GROUNDWATER WELL</b> <b>S = SURFACE WATER</b> <b>P = PUBLIC WATER SUPPLY</b> <b>W = WASTEWATER TREATMENT PLANT</b> <b>O = OTHER</b>			(legal description of well location) (name of stream, river, lake, etc., and legal description of intake) (name of entity from which water is obtained) (name of entity from which water is obtained) (source of supply, and legal description if applicable)		
1. SOURCE		2. DESCRIPTION			3. AVG. DAILY USE

**J. INVENTORY OF CHEMICALS AND RAW MATERIALS**

List all chemical compounds and raw materials in containers of 55 gallons or more, used in plant operations and stored outside a building (e.g., solvents, cleaning compounds, water treatment chemicals). Describe the storage location and the purpose for which each chemical is used. Continue on additional sheets if needed.

**K. LOCATION**

For each industrial surface impoundment and/or subsurface tank, provide the ID number, legal description, and indicate if the impoundment or septic tank is located in the 100 year flood plain. If the impoundment(s) or tank(s) have previously been permitted, use the ID number(s) contained in the previous permit. If the impoundment(s) or tanks(s) have not previously been permitted, ID numbers should be assigned using the appropriate letter followed by two digits (e.g., if you have three flow-through impoundments, their ID numbers would be F01, F02 and F03). Each type of impoundment and/or subsurface tank should be numbered separately (e.g., if you have one flow-through and one total retention impoundment, their ID numbers would be F01 and T01, rather than F01 and T02). Use the same numbers throughout this form. Continue on additional sheets if needed.

**F = FLOW-THROUGH SURFACE IMPOUNDMENT****S = SUBSURFACE TANK****T = TOTAL RETENTION SURFACE IMPOUNDMENT**

1. ID NO.	2. LEGAL DESCRIPTION (¼, ¼, ¼, Section, Township, Range)	3. FLOOD PLAIN (yes or no)

**L. FLOWS, SOURCES OF WASTE, AND TREATMENT**

1. Attach a line drawing showing the flow of wastes or wastewaters through the facility unit processes. Indicate sources of intake water, chemicals, raw materials, and other sources of wastes. Label all unit processes or operations that contribute wastes or wastewater, including production areas, waste treatment units, and sources of blowdown or backwash. Indicate disposal pathways of the wastes and wastewaters, including evaporation, recycle, discharge, solid waste storage, septic tanks, impoundments, land application, landfill or other pathways. Provide a water balance (measured or estimated) on the line drawing that shows average flows between sources, unit processes and disposal pathways.
2. For each impoundment and/or subsurface tank, provide a description of: (1) All operations and other sources of pollution which contribute waste to the impoundment or tank, including but not limited to process wastes, sanitary wastes, cooling water and stormwater; and (2) The average, maximum and minimum flows contributed by each operation or other source of pollution. Continue on additional sheets if needed.

a. ID NO.	b. OPERATION(S)/SOURCE(S)	c. DAILY FLOW (GPD)		
		(1) AVERAGE	(2) MAXIMUM	(3) MINIMUM

3. List all wastes which are or will be contained in the surface impoundment(s) and/or subsurface tank(s) (e.g., lubricants, additives, bactericides, detergents, softeners) and their sources. Include all wastes which have the potential to be contained in the impoundment(s) or tank(s) due to spills, bypasses, or unit failures (e.g., raw materials, oils and greases, solvents or product). Also indicate whether you possess any chemical analysis of the wastes. Continue on additional sheets if needed.

a. ID NO.	b. WASTE/POLLUTANT	c. SOURCE	d. WASTEWATER ANALYTICAL DATA

4. For each impoundment and/or septic tank, list the actual or engineering estimate of the volume of sludge generated annually. Indicate whether the sludge will be periodically removed from the impoundment or tank (give frequency of removal) or will accumulate in the impoundment or tank as a site of final disposal. Also indicate whether you possess analytical data on the sludge generated in each impoundment. Continue on separate sheets if necessary.

a. ID NO.	b. FREQUENCY OF REMOVAL/FINAL DISPOSAL SITE	c. SLUDGE ANALYTICAL DATA	d. VOLUME



N. IMPOUNDMENT INFORMATION										
1. For each impoundment, attach plans sufficient to define the following design parameters: (1) Length and width at top and bottom; (2) Total depth; (3) Designed minimum and maximum freeboard; (4) Interior and exterior side-slopes (ratio of horizontal to vertical distances); and (5) Inlet and outlet structures.										
2. For each impoundment, list the holding capacity in gallons (assuming a minimum freeboard) and the dimensions in feet. The following abbreviations are used in the table to indicate the various impoundment dimensions.										
BW = BOTTOM WIDTH BL = BOTTOM LENGTH TW = TOP WIDTH TL = TOP LENGTH			D = DEPTH F = MINIMUM FREEBOARD MF = MAXIMUM FREEBOARD			IS = INTERIOR SIDE-SLOPE RATIO (Horiz:Vert) ES = EXTERIOR SIDE-SLOPE RATIO (Horiz:Vert)				
a. ID NO.	b. HOLDING CAPACITY (gallons)	c. DIMENSIONS								
		(1) BW (ft)	(2) BL (ft)	(3) TW (ft)	(4) TL (ft)	(5) D (ft)	(6) F (ft)	(7) MF (ft)	(8) IS (ratio)	(9) ES (ratio)
3. In the table below, list the type of liner material (e.g., native soil, compacted clay, flexible membrane, composite, soil/bentonite, concrete, or alternative) to be installed or currently in use. Definitive information and justification is required for alternative liner systems. List the thickness (in inches, feet, or mils, as appropriate) and permeability rate (in inches/hour) or hydraulic conductivity (in centimeters/second), as appropriate, of each liner as proposed or as built. Also list the type of soil (series name and USDA texture) underlying the impoundment. Continue on additional sheets if necessary.										
a. ID NO.	b. LINER TYPE	c. THICKNESS (inches)	d. HYDRAULIC CONDUCTIVITY (PERMEABILITY) (cm/sec or in/hr, as appropriate)	e. SOIL TYPE						
				(1) SERIES NAME	(2) USDA TEXTURE					
4. Briefly describe the rationale used to select the proposed or currently used liner systems. Include the date of construction, along with a discussion of the physical and chemical properties of liner materials which are indicative of the waste/liner compatibility an the liner's effectiveness as a physical barrier between the waste and groundwater. References can be made to similar facilities, related research, or trade organization guidelines. Continue on additional sheets if necessary.										

## O. GROUNDWATER INFORMATION

For each surface impoundment and/or land application site, list the depth to groundwater, the direction of groundwater flow, and the legal description of each well used to determine groundwater information. Continue on additional sheets if necessary.

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P. WELL INFORMATION	
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| 1. | For each monitoring well or water well within ½ mile of any impoundment and/or subsurface tank, list in the table below the total depth, depth of completion, elevation, static water level and legal description of well. Continue on additional sheets if necessary. |
| 2. | For each well, attach the well log or drillers log, if available. If no water wells are found within ½ mile, attach a copy of the OWRB letter indicating no wells were found in their records search.  |

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## Q. DEQ LANDOWNER NOTIFICATION AFFIDAVIT

1. Does applicant own all land subject to the application:	Yes		No	
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If yes, proceed to section M. If no, proceed to part 2 of this section.

2. Application(s) for which the applicant does not own all the land subject to the application must notify the owner(s) of leases and/or pipeline right-of-ways that a permit application has been submitted to the DEQ. The basis for this requirement is OAC 252:004-7-13(b). DEQ Form 100-810 shall be used for this purpose and is available on the DEQ web page.

## R. CERTIFICATION (see instructions)

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 who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and true 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.

1. NAME & OFFICIAL TITLE (type or print)	2. SIGNATURE	3. DATE SIGNED