

FORM 606-G95		OKLAHOMA DEQ		APPLICATION FOR THE AUTHORIZATION UNDER GENERAL PERMIT OKG950000 TO DISCHARGE AND/OR DISPOSE OF INDUSTRIAL WASTEWATER AT ROCK, SAND AND GRAVEL QUARRIES			
A. TYPE OF AUTHORIZATION REQUESTED							
NEW		RENEWAL		MODIFICATION		DISCHARGE	IMPOUNDMENT
B. NAME OF FACILITY							
C. FACILITY CONTACT							
1. NAME & TITLE				2. PHONE (area code & number)			
D. FACILITY MAILING ADDRESS							
1. STREET OR P.O. BOX				2. TELEFAX (area code & number)			
3. CITY OR TOWN				4. STATE	5. ZIP CODE		
E. FACILITY LOCATION							
1. STREET, ROUTE NO., OR OTHER SPECIFIC IDENTIFIER				2. COUNTY			
3. CITY OR TOWN				4. STATE	5. ZIP CODE		
6. LEGAL DESCRIPTION (¼, ¼, ¼, Section, Township, Range)							
F. OPERATOR INFORMATION							
1. NAME				2. Is the operator also the owner?			
 				YES		NO	
3. STATUS OF OPERATOR (enter appropriate letter in box; if "Other," specify)				4. PHONE (area code & number)			
F = FEDERAL	M = PUBLIC (other than		(specify)				
S = STATE	federal or state)						
P = PRIVATE	O = OTHER (specify)						
5. STREET OR P.O. BOX				6. TELEFAX (area code & number)			
7. CITY OR TOWN		8. STATE	9. ZIP CODE	G. Is facility located on Indian land?			
 		 	 	YES		NO	
H. MAP							
1. Attach a topographic map (or plat or aerial photo if a topographic map is unavailable) extending one mile beyond the property boundaries. The map must show the outline of the facility, the location of each of its outfalls, surface impoundments, tank systems, storage facilities, and containment devices; and those wells, springs, other surface water bodies, and drinking water wells listed in public records or otherwise known to the applicant. Drainage areas for the impoundments/outfalls should also be marked.							
2. Attach a facility site plan showing the location of any buildings, outfalls (discharge points), surface impoundments, tank systems, storage facilities, containment devices, driveways, parking areas, and other permanent structures. A site plan prepared for another state agency may be acceptable provided the wastewater storage, treatment, and disposal information is indicated thereon.							
FOR DEQ USE ONLY							
OPDES PERMIT NO.		STATE PERMIT NO.		STATE ID NO.			

I. SOURCES OF WATER SUPPLY AND AMOUNT USED

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.

- G = GROUNDWATER WELL (legal description of well location)
- S = SURFACE WATER (name of stream, river, lake, etc., and legal description of intake)
- P = PUBLIC WATER SUPPLY (name of entity from which water is obtained)
- W = WASTEWATER TREATMENT PLANT (name of entity from which water is obtained)
- O = OTHER (source of supply, and legal description if applicable)

1. SOURCE	2. DESCRIPTION	3. AVG. DAILY USE (GPD)

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.

3. List all wastes which are or will be contained in the surface impoundment(s) and/or tank system(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 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

5. Describe the treatment purpose of each cell, impoundment, or tank (e.g., settling, aeration, evaporation, or final disposal). List any chemicals and equipment used for each treatment method. Also list the treatment operation parameters (inlet concentration, goal concentration, and detention time) for each impoundment or tank. Continue on additional sheets if necessary.

a. ID NO.	b. TREATMENT				
	(1) DESCRIPTION	(2) CHEMICALS/EQUIPMENT	(3) INLET CONC. (units)	(4) GOAL CONC. (units)	(5) DETENTION TIME (units)

N. IMPOUNDMENT INFORMATION

- 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.
- 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)
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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)

- 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

- 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 and 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.

1. ID NO.	2. DEPTH TO WATER (feet)	3. DIRECTION OF FLOW	4. LEGAL DESCRIPTION OF WELL

P. WELL INFORMATION

- For each monitoring well or water well within ½ mile of any impoundment and/or tank system, 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.
- 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.

a. ID NO.	b. TOTAL DEPTH	c. DEPTH OF COMPLETION	d. ELEVATION	e. STATIC WATER LEVEL	f. LEGAL DESCRIPTION OF WELL

Q. OTHER DISPOSAL METHODS (Applies to all applicants)

Briefly describe any other methods of waste disposal used by your facility. Examples include disposal wells, septic tanks (with or without leach fields), aboveground or underground storage tanks, and waste hauling. Include information on the nature and volume of wastes disposed of by each of these other methods. Continue on additional sheets if necessary.

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R. 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 S. If no, proceed to Part 2 of this section.

- 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.

S. CERTIFICATION

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