

**OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
GENERAL WASTEWATER DISPOSAL PERMIT FOR MOBILE CONCRETE BATCH
PLANTS
GENERAL PERMIT NO. OKG11MT**

GENERAL PROVISIONS

As provided by Title 27A O.S. §2-14-101 *et seq.* as amended, and the Rules of the Department of Environmental Quality (DEQ), operators of mobile concrete batch plants will be authorized to construct and operate total retention surface impoundments and/or land apply wastewater at temporary job sites within the boundaries of the State of Oklahoma in accordance with requirements and conditions set forth in Parts I, II, and III hereof. This General Wastewater Permit (Permit) does not specify the disposal/treatment method(s) that the permittee must use. This Permit will regulate any combination of the above-listed wastewater disposal/treatment options, and will cover non-discharging (total retention) facilities only.

Each mobile concrete batch plant facility will require an Authorization to Dispose of Wastewater (Authorization) obtained from the Executive Director of the DEQ or his designee. Owners or operators of mobile concrete batch plant facilities located within the boundaries of the State of Oklahoma must submit DEQ application form 616-OKG11MT to the DEQ requesting that they be authorized to operate a mobile concrete batch plant at temporary job sites. The Authorization will allow the owner/operator to treat/dispose of wastewater in temporary total retention surface impoundments at the job site under this Permit. Authorization must be obtained prior to commencing operation of the mobile concrete batch plant. Owners or operators within the scope of this Permit who fail to make a written request to the DEQ are not authorized to operate a mobile concrete batch plant at a temporary job site or to treat/dispose of wastewater under this Permit.

Existing mobile concrete batch plants that are not currently permitted by the DEQ through individual wastewater disposal permits shall apply for coverage under this Permit within 90 days of the effective date of this Permit. New mobile concrete batch plants shall obtain authorization prior to commencing any of the activities regulated by this Permit.

Management of process wastewater and contaminated storm water runoff is associated with the following three common activities: (1) mix plant area washdown (if dry brush cleanup methods are not utilized); (2) truck mixer drum washout; and (3) external truck wash and oil spray down. There shall be no discharge of wastewater from any job site.

Temporary surface impoundments used for treatment and/or disposal of wastewater are authorized by this General Permit in accordance with requirements for surface impoundments contained in Part I hereof. Wastewater contained in temporary surface impoundments may be recycled for use in concrete make-up or wash water. Land application of wastewater is authorized by the Permit, in accordance with requirements for land application contained in Part 1 hereof, for the purpose of dust suppression only.

The permittee shall comply with all provisions of this Permit and any Authorization issued pursuant to it.

Issuance of this Permit in no way or in any respect affects the permittee's civil or criminal responsibility regarding disposal of wastewater, except with respect to the permittee's legal responsibility under 27A O.S. §2-14-101 *et seq.* (as amended) and DEQ Rules to obtain an Authorization under this Permit.

This permit shall have a five (5) year term. All Authorizations issued under the General Permit shall expire on the expiration date of the General Permit.

This permit replaces and/or supersedes OPDES Permit OKG11MT issued on May 6, 2002

This Permit and any Authorizations issued under it shall expire at midnight, on June 7, 2012 .

Issued this 8th day of June, 2007.

For Oklahoma Department of Environmental Quality

Edward Dibrberg, P.E., Manager
Industrial Permits Section
Water Quality Division

Jon L. Craig, Director
Water Quality Division

PART I**EFFLUENT LIMITATIONS, MONITORING AND OTHER REQUIREMENTS****SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

Discharge of wastewater is not allowed under this permit.

SECTION B. SURFACE IMPOUNDMENTS

The use of surface impoundments for treatment and/or disposal of wastewater at mobile concrete batch plants is authorized, subject to additional State requirements as specified below and in General Permit No. OKG11MT, in accordance with OAC 252:616.

1. Wastewater Classification

- a. The wastewater generated from routine operations of concrete batch plants is classified as Class III wastewater in accordance with OAC 252:616-1-2.
- b. Impoundments should not show a visible oil sheen at any time.

2. Construction Requirements

Impoundments shall be constructed and maintained in accordance with OAC 252:616-7-1. In addition the following conditions shall also apply:

- a. Inner and outer dyke or berm slopes shall not exceed 1 vertical to 2 horizontal (1:2) on all temporary total retention surface impoundments when the temporary job site will be utilized for less than 180 days.
- b. Inner and outer dyke or berm slopes shall not exceed 1 vertical to 3 horizontal (1:3) on all temporary total retention surface impoundments when the temporary job site will be utilized for greater than 180 days.

Because the berm height will be low it is not necessary to construct dykes with flat tops in order to inspect the dykes for erosion.

3. Liner Requirements

An excavated soil liner may be used for temporary surface impoundments. Liner materials and construction shall be in compliance with requirements of OAC 252:616-7-1(8) and (9) and OAC 252:616-7-2 and 7-3.

Concrete liners are allowed at mobile concrete batch plants.

4. Depth to Groundwater

The location of temporary surface impoundments shall be in accordance with the requirements of OAC 252:616-7-1(4). Specific conditions shall be defined in the Authorization.

5. Specific Requirements

Based on information submitted by the applicant, each Authorization will include the specific requirements for surface impoundment design, permit inspection, and applicable DEQ rules.

6. Freeboard Requirements

A minimum freeboard of one (1) foot shall be maintained on all temporary total retention surface impoundments when the temporary job site will be utilized for less than 180 days. If the water level reaches the 1 foot freeboard level, another impoundment must be constructed and used for any additional wastewater generated at the site.

A minimum freeboard of three (3) feet shall be maintained on all temporary total retention surface impoundments when the temporary job site will be utilized for greater than 180 days. If the water level reaches the 3 foot freeboard level, another impoundment must be constructed and used for any additional wastewater generated at the site.

7. Closure Requirements

Each owner/operator of a mobile concrete batch plant requesting to be authorized pursuant to the terms and conditions of this General permit shall submit and receive approval of a Closure Plan (Plan) that describes a generic methodology that will be used for the closure of impoundment(s) at each temporary job site. The Plan shall be submitted and receive DEQ approval prior to the issuance of an Authorization. Submittal of the Plan may be concurrent with the submittal of the initial Authorization application. This Plan is intended to meet the requirements of OAC 252:616-13-3.

The Plan shall include at a minimum the following information:

a. Background:

Describe the activity that took place at the site during the life of the impoundment.

b. Proposed closure activities:

(1) Wastewater: The following options are available for any wastewater remaining in the impoundment at the time of closure:

- allowed to evaporate
- pumped out and disposed of at a POTW
- used in industrial process
- used for dust suppression onsite

(2) Sludge: The following options are available for any sludge remaining in the impoundment at the time of closure:

- removed and taken to landfill
- removed and taken to a company for recycling
- leave in place

c. Backfill

Include a discussion of the material to be used as backfill, sampling used to determine the characteristics of the backfill material, and the method of placement to be employed.

d. Disposal

Describe the disposal method and or recycle/reuse of any material associated with the impoundment, i.e piping, liner material, etc.

e. Certification of Closure

Within ten (10) days after closure of all temporary impoundments the owner/operator of the mobile cement batch plant shall submit an affidavit of closure to the DEQ certifying that all impoundments were closed in accordance with the requirements of OAC 252:616-13 and the approved Plan.

SECTION C. LAND APPLICATION AND BENEFICIAL REUSE OF WASTEWATER

Land application of wastewater for dust suppression at a mobile concrete batch plants temporary site is authorized subject to additional State requirements as specified below, in accordance with OAC 252:616-11.

The wastewater that is reused/recycled or land applied is classified as Class III wastewater in accordance with OAC 252:616-1-2. To maintain this classification, the wastewater to be land applied shall be free of visible sheen of oil or globules of oil or grease. The wastewater to be land applied shall be visually inspected prior to land application. An inspection log shall be maintained at the temporary job site and made available to DEQ upon request. Wastewater put back into the concrete mixture is exempt from monitoring requirements.

There shall be no land application of wastewater during periods of precipitation or when soil is saturated or frozen.

There shall be no runoff of wastewater from land application sites.

SECTION D. RECYCLABLE CONCRETE MATERIAL AND DISPOSAL OF OTHER SOLIDS

Recyclable concrete material recovered from the scatter pile, impoundments and/or other means may be removed from the temporary job site, provided that an accurate record is kept which includes the following: name and address of company or individual receiving the material, date material was received and approximate location where material will be recycled.

Recyclable concrete material may be used by the permittee at the temporary job site at any time. No records are required.

Solids, sludges, filter backwash, or other pollutants other than recyclable concrete material, removed in the course of treatment or control of wastewater shall be disposed of in a State-approved waste disposal site or to a company for recycling.

If any such industrial wastes are removed from the facility, the permittee shall keep accurate records that include the following information:

- a. Name and address of company hauling waste;
- b. The type and amount of waste hauled; and

c. The final disposal site of waste hauled.

Upon request, the above records shall be made available to the DEQ staff for review.

SECTION E. RELOCATION NOTIFICATION

The permittee shall notify the DEQ within seven (7) days each time the mobile concrete batch plant is moved to a new location. The permittee shall submit form 616-G11MTR for the relocation notification requirement.

SECTION F. ACKNOWLEDGEMENT

Within seven (7) days after receipt of form 616-G11MTR, the DEQ will provide a written statement acknowledging receipt of the notification.

PART II
OTHER PERMIT REQUIREMENTS

1. This permit does not convey any exclusive privileges or authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations nor does it obviate the requirement to obtain permission from any landowners whose property will be affected by this Permit.
2. Individual Permits
 - a. Any permittee authorized by this Permit may request to be excluded from the coverage of this general permit by applying for an individual permit or another type of General Permit if applicable. The permittee shall submit the appropriate OPDES application forms together with the reasons supporting the request to the Water Quality Division.
 - b. The owner/operator of a mobile batch plant permit that wishes to discharge wastewater at a temporary job site must obtain an individual discharge permit. The permittee shall submit the appropriate OPDES application forms together with the reasons supporting the request to the Water Quality Division.
 - c. When an individual OPDES permit is issued to a permittee otherwise subject to this General Permit, the applicability of this Permit to that owner or permittee is automatically terminated on the effective date of the individual permit.
 - d. A mobile concrete batch plant excluded from coverage under this general Permit solely because it already has an individual total retention impoundment permit may request that its individual permit be converted to this General Permit. Upon conversion from the individual permit, this general permit shall apply and the individual permit will be terminated.
3. Laws and Rules Applicable

The DEQ Rules, as amended, are applicable to and are incorporated by reference into this permit and any Authorizations under it. The permittee is hereby given notice that this permit is in all respects subject to compliance with and actions under any and all applicable and relevant terms, conditions, provisions and requirements and all amendments of the laws of the State of Oklahoma and the Department of Environmental Quality Rules. The absence of any express reference within this permit to any particular statutory requirement, rule(s), or regulation(s), shall in no respect be deemed or construed to exempt or preclude the application of such requirement, rule(s), or regulation(s), to this permit. By DEQ approval, grant and issuance of this permit, permittee acknowledges responsibility to obtain correct and current copies of applicable DEQ Rules (as amended), provided, however, that permittee further acknowledges that any and all amendments thereto shall become a part of this permit.