

# **COA'S for PITS/IMPOUNDMENTS LAND APPLICATIONS**

May 15, 2014

Chad

Carmichael

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## West Virginia Code §35CSR8.

- 17.7b. Annual Registration Fee – Operators holding certificates of approval shall be assessed an annual registration fee of one hundred dollars (\$100).

## West Virginia Code §35CSR8.

- In accordance with W.Va Code 22-6A-9, existing certificates of approval will be extended for one year upon receipt of the annual registration fee, an inspection report in accordance with subsection 17.9.b., a maintenance plan in accordance subdivision 17.3.f., a monitoring and emergency action plan in accordance with subdivision 17.3.g., and a water management plan in accordance with subdivision 17.3.h.

## West Virginia Code §35CSR8.

- Where an approved, up-to-date inspection report, maintenance plan, monitoring and emergency action plan, and a water management plan are on file in the Office, and where no outstanding violation(s) exist, then the certificate of approval will be extended without resubmission of the foregoing documents upon receipt of the annual registration fee.

# West Virginia Code §35CSR8-17.9 and/or §35CSR4-21.6

- Inspections.

After construction and prior to the placement of any fluid, all pits and impoundments with a capacity of greater than five thousand (5000) barrels shall be inspected by a West Virginia registered professional engineer to ensure compliance with the certified design and construction plan.

# West Virginia Code §35CSR8-17.9 and/or §35CSR4-21.6

- If the inspection reveals that the pit or impoundment has been constructed in accordance with the plan, the professional engineer shall certify that in writing to the Chief. Placement of fluid in the pit shall not begin until the certification has been filed with the Chief.

# West Virginia Code §35CSR8-17.9 and/or §35CSR4-21.6

- All pits and impoundments with a capacity of greater than five thousand (5000) barrels containing fluid must be inspected every two (2) weeks for the life of the pit or impoundment and within twenty-four (24) hours of a significant rain event, which shall be defined as rainfall of two (2) inches or more in a six (6) hour period.

# West Virginia Code §35CSR8-17.9 and/or §35CSR4-21.6

- Such inspection must be conducted by a company representative experienced in pit and impoundment construction. A company official shall certify to the Office monthly that the inspections have been conducted.



# West Virginia Code §35CSR8-17.9 and/or §35CSR4-21.6

- If an inspection discloses a potential hazard, the company shall inform the Office within twenty-four (24) hours of the inspection the findings and of the emergency procedures implemented for public protection and remedial action.

2) Impoundment ID #:   
3) Date Received:

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STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
APPLICATION AND SITE REGISTRATION FOR  
LAND APPLICATION FROM FRESH  
IMPOUNDMENTS

4) Facility Operator:  5) Facility Name

6) Operator's Facility Number  7) Facility Elevation

8) Location:

(a) Watershed

(b) District  (c) County

(d) Quadrangle

9) Surface Owner\*:  10) Fee (\$100):

Address

Centralized

Associated

API#'s

API#'s

API#'s

DESCRIPTION OF APPLICATION AREA

12) Soil Type:

Depth to Bedrock:  Depth to Water Table:

(Information from County Soil Survey Report)

13) Nearest Water Supply Distance:  Type: Well:  Spring:  Public Water Supply:

14) Nearest Surface Water/Stream Distance:

15) Nearest Occupied Dwelling Distance:

16) Average Slope of Proposed Area of Land Application:

17) Total Acreage of Proposed Application Area:

Site Registration Form

1) Date: [redacted]

2) Impoundment ID #:

3) Date Received:


**LOCATION AND DESIGN TOPOGRAPHIC MAP**

18) Attach a map on the scale of 1:6,000 or larger showing the acreage within the permitted site to be used for land application identifying all surface waters, wells, springs, natural rock outcrops and property lines in relation to the proposed area of land application. The map shall also identify:

- (a) All discharge point(s). (In the following format Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- (b) Accuracy to Datum – 3.05 meters
- (c) Data Collection Method: Survey grade or Mapping Grade GPS

**DESCRIPTION AND METHOD OF LAND APPLICATION**

19) Provide a narrative describing the:

- (a) Method and rate planned for land application of fresh water from the impoundment.
- (b) Status of vegetation conditions for the planned application area prior to any land application. (photo documentation)
- (c) Planned beginning date of land application.
- (d) Notify OOG county inspector 48 hours prior to land application.

20) Attach the representative (composite) water testing analysis for the following parameters with this application: pH, iron, dissolved oxygen, chloride, aluminum, manganese, oil and grease, total dissolved solids, calcium, barium, BTEX, and MBAS, and settleable solids. In the event a new source of fresh water has been added to the impoundment a representative sample (grab) shall be collected during the land application process and submitted to OOG within t 30 days of collection.

**VOLUNTARY SURFACE OWNER STATEMENT OF APPROVAL**

I hereby state that I have reviewed this application for coverage under general permit GP-WV-1-88 for the discharge of fresh water from the Centralized/Associated impoundment onto my surface land. I understand that before the permit coverage can be granted, the operator must have my consent to the application of fresh water on the surface land.

I further state that I have no objection to the planned land application of fresh water to the land surface described in these materials, and I have no objection to coverage under general permit #GP-WV-1-88 being granted.

For execution by Surface Owner(s):

For execution by corporation, etc.(Surface Owner):

[redacted]	Date: [redacted]
(Print)	
[redacted]	Date: [redacted]
(Signature)	

Name: [redacted]
By: [redacted]
Print: [redacted]
Its: [redacted] Date [redacted]