IMP-1B

Office of Oil and Gas

West Virginia Department of
Environmental Protection
Office of Oil & Gas
601 57th Street SE
Charleston, WV 25304-2345

DEP Office Use only
Date Received by Oil & Gas:
Administratively Complete – Oil & Gas: ☐ Yes ☐ No:
Assigned Impoundment ID #:
Approval Date:

Centralized Impoundment / Pit Application

Instruction: Pursuant to W.Va. Code § 22-6A-9, this application is to be used to apply for a Certificate of Approval for a Centralized Impoundment or Pit. The definition of **centralized impoundment or pit** is an impoundment or pit **not** associated with a well work permit.. An **associated impoundment or pit** means it has been designed and included in the drilling permit application and is included in the reclamation time frame of well work permit, and will be approved in conjunction with the well work permit. The centralized impoundments will be regulated independently of the well work permit process. A surface use agreement will be required to install and operate a centralized impoundment or pit. An impoundment ID number will be assigned by WVDEP, Office of Oil and Gas, to all impoundments and pits.

Section 1 – Operator Information

Operator Name: _____

Operator ID: _____

Name of Structure* _____

Address: Street _____

City: _____ State: _____ Zip: _____

Contact Name: _____ Contact Title: _____

Contact Phone: _____ Contact Email: _____

Section 2 – Engineering / Design Contractor Information

Design will be contracted ☐ Designed in-house ☐

Company Name: _____

Address: Street _____

City: _____ State: _____ Zip: _____

Contact Name: _____ Contact Title: _____

Contact Phone: _____ Contact Email: _____

Certifying Professional Engineer: _____

Professional Engineer Registration Number: _____

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Section 3 - Impoundment / Pit Information

Type of Structure. Check one of two choices below:

☐ Centralized Freshwater Impoundment ☐ Centralized Waste Pit

Note: Any waste in a pit will make it a waste pit. Centralized waste pits will be constructed in accordance to "Design and Construction Standards for Centralized Pits". This standard is available on WV DEP Office of Oil and Gas web page.

Name of Structure * _____

County: _____ District: _____

USGS 7.5' Quad Map Name: _____

Farm Name: _____

Surface Owner Name: _____

Physical Description of Location: _____

(Note: Give general location, example: 2 miles south of Smalltown, WV on Rt. 22, left on Buffalo Creek)

Watershed (nearest perennial): _____

Distance (Drainage Distance) to nearest perennial stream: _____

Location Coordinates (NAD83, Decimal Degrees (xx.xxxx, -xx.xxxx))

Latitude: _____ Longitude (Use negative sign): _____

UTM Coordinates : _____ E _____ N

Access Road Coordinates (junction of state highway access)

Latitude: _____ Longitude (Use negative sign): _____

UTM Coordinates : _____ E _____ N

Approximate Dimensions

Length: _____ Width: _____ Height: _____

Note: If irregularly shaped, give approximate dimensions of long axis.

Total Capacity – Provide all units of measure below:

Barrels: _____ Gallons: _____ Acre-Feet: _____

Capacity with 2' Freeboad – Provide all units of measure below:

Barrels: _____ Gallons: _____ Acre-Feet: _____

Incised volume:

Barrels: _____ Gallons: _____ Acre-Feet: _____

Net impounded volume: (Total volume less incised volume.)

Barrels: _____ Gallons: _____ Acre-Feet: _____

Anticipated Construction Start Date (estimation, non-binding): _____

Note: No construction may begin on **Centralized** Impoundment until WVDEP issues a Certificate of Approval. At least 7 calendar days prior to confirmed construction start date, notify the Office of Oil & Gas, the local Oil and Gas inspector, and surface owner, of construction start date. Use form "Notification of Impoundment / Pit Construction."

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Section 4. Required Information Checklist for Certificate of Approval for a Centralized Impoundment or Pit (not permit associated) Include the following information and plans with this application.

- ☐ Engineered Construction Plans, certified by WV Registered P.E.
- ☐ Erosion and Sediment Control Plan, certified by WV Registered P.E.
- ☐ Reclamation Plan, detailing post-construction reclamation **and** post-use reclamation , certified by WV Registered P.E.
- ☐ Impoundment / Pit Maintenance Plan, certified by WV Registered P.E.
- ☐ Impoundment / Pit Monitoring and Emergency Plan, certified by WV Registered P.E.
- ☐ Water Management Plan Application
  Applicable if impoundment will receive more than 5,000 bbls of water from a stream. Waste pits may also require a Water Management Plan if freshwater will be added to waste pit from a stream source. If an approved Water Management Plan exists and accounts for this facility, provide Water Management Plan No. _____
- ☐ Surface Owner Notification / Proof of Delivery of this application and erosion and sediment control plan to the surface owner on whose property the structure will be placed. Use form WW-6A. (Note: Surface Owner only is required to be notified)
- ☐ Fee - $300 Application fee for centralized impoundment or pit.

Section 5 – Dam Standard Qualifying Evaluation

- ☐ The design of this structure has been evaluated by the applicant to determine it does NOT qualify to be defined as a dam, under W.Va Rule §47-34. If the design of this structure qualifies it to be defined as a dam, all permits regulating dams will be required prior to registering the structure with the Office of Oil and Gas. The dam standard, from the WVDEP, Div. Of Water and Waste, is available for review at: http://www.dep.wv.gov/WWE/ee/ds/Pages/default.aspx

Section 6 –Comments – Provide any additional comments concerning this project

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Section 7 - Application Certification

I hereby certify that the information listed above is true and accurate. I understand that this pit/impoundment is to be constructed only in a location appropriate for the storage of water, including wastewater, and will be constructed in accordance with plans designed and certified by a West Virginia registered professional engineer. I further recognize that all required plans have been submitted to the Office of Oil and Gas. I understand that after construction, and prior to any fluid being placed in the pit/impoundment, it shall be inspected by a West Virginia registered professional engineer to ensure compliance with the certified design and construction plan, and that the professional engineer shall certify that this structure was constructed in accordance with design and construction plans. I understand that such certification shall be in writing to the Chief and that no fluids may be placed in the pit/impoundment until the certification has been filed with the chief. I agree that this pit/impoundment shall be constructed, maintained, operated and closed in accordance with all applicable laws and rules, including the requirements of W. Va. Code R § 35-4-21 and W. Va. Code § 22-6A . I further certify that a surface use agreement is in place between the applicant and surface owner(s) which contains mutually agreed upon terms for the placement and operation of this structure.

Name: _____

Title: _____

Signature: _____

Taken, subscribed and sworn to before me this, _____ Day of _____ 20 _____

Notary Public: _____

My commission expires: _____

Notary Seal:

Section 8. Submittal Instructions

Submit original paper copy of application to:

West Virginia Department of Environmental Protection
Office of Oil and Gas
Impoundment Registration
601 57th Street, SE
Charleston WW 25304

Email PDF file format of this application and all related engineering Plans to :
Depimpoundments@wv.gov

* Name of Structure: Please give the pit or impoundment a unique name, and use the name consistently when referring to this structure. They are often given the same name as the pad, with a modifier to identify freshwater or flowback water. If more than one pit or impoundment is associated with this pad, use modifier to identify these as well, such as #1, #2, etc. Examples: ABC Pad Freshwater Impoundment, ABC Pad Flowback Pit #1, ABC Pad Flowback Pit #2.