



▶ BEST MANAGEMENT PRACTICES

What Can Kentucky Learn?

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BEST MANAGEMENT PRACTICES

Overview

▶ I. Why are BMPs Important?

- What are they?
- What are the requirements?

II. What do other states do?

- How do other states promote BMPs?
- What types of BMPs are promoted in other states?

III. How to create a BMP in your state – or for yourself

- The law
- Recommendations



▶ WHY ARE BMP'S IMPORTANT?

WHY ARE BMPs IMPORTANT?

What are they?

- ▶ “Best management practices (BMPs) are state-of-the-art **mitigation measures** applied on a **site-specific basis** to reduce, prevent, or avoid **adverse environmental or social impacts.**” Bureau of Land Management BMP website
- “**acceptable practices** that could be implemented to **protect water quality** and **promote soil conservation**” Forest Service website
- “**schedules of activities, prohibitions of practices, maintenance procedures, and structural and/or managerial practices,** that when used singly or in combination, **prevent or reduce the release of pollutants** to waters” Washington State stormwater Manual

WHY IS IT IMPORTANT?

Reasons to have BMPs

- ▶ • Protects Natural Resources/Reduces Pollution
- Legal Protection for owners/operators
- Provides owners/operators with a plan and schedule



THE LAW

Tennessee

- ▶ **Recommended BMPs:** “At the well site, the operator shall take measures to prevent or minimize soil erosion and pollution of surface waters during the life of the operation. Such measures shall include sediment ponds, berms, diversion ditches, hay bales, and other measures designed to prevent erosion and discharge of pollutants from the well site.” (Tenn. Code Ann. 60-1-701).



THE LAW

West Virginia

- ▶ **Required submission and approval of a plan:** an erosion and sediment control plan shall accompany each application for a well work permit except for a well work permit to plug or replug wells (WV State Code 22-6-6(d) 22-6A-7(c)).



THE LAW

Ohio



- ▶ **Specified BMPs:** “All persons engaged in any phase of operation of any well or wells shall conduct such operation or operations in a manner which will not contaminate or pollute the surface of the land, or water on the surface or in the subsurface.”
- “ In ***urbanized areas***, to minimize off-site sedimentation, erosion and to control the surface flow of water, the well owner and or authorized representative must follow the best management practices (BMPs) for oil and gas well site construction manual, dated April 30, 2005 that can be located at <http://www.dnr.state.oh.us/mineral/oil/index.html>” (OAC 1501:9-1-07).

THE LAW

Kentucky & Indiana

- ▶ no statewide BMP for Oil and Gas operators. Individual operators are responsible for controlling runoff.

