

## **Current Water Quality Issues Affecting Oil and Gas Operations in Wyoming**

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Oil and gas production requires operators to comply with numerous water quality related requirements. This presentation will provide an overview of the most significant water quality issues currently impacting oil and gas operations in Wyoming. It will address four (4) primary areas of water and wastewater management and disposal:

- Surface discharge of produced water from coal bed methane (CBM) and conventional oil and gas operations;
- Storm water runoff control;
- Underground injection of produced water and other oil field wastes including stimulus of CBM production through injection of water and nutrients; and
- Disposal of oil field wastes at commercial oil field disposal sites and land/road application.

Water Quality Division staff and managers with expertise and experience in each of the above issues will make presentations on these subjects and answer questions.