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Drilling Waste Disposal

Landspray-While-Drill (LWD)

Overview

Bio-Synergy Resources Inc. (Bio-Synergy) offers professional on-site drilling waste testing for LWD operations. Whether your operation wants to drill for coal-bed methane, or gas, oil, even diamonds in northern Canada, we can test and arrange for the environmentally sound disposal of cuttings and non-toxic drilling mud.

Operational Drilling Waste Disposal Services

- Pre-Disturbance Site Assessment (PDSA) – Bio-Synergy can conduct PDSAs on your tentative lease prior to construction to facilitate optimal lease construction and provide base-line data for reclamation operations in the future.



- Landspray-While-Drilling – Bio-Synergy puts professional technicians in the field to make sure that your operation has licensed access to plentiful water, appropriate spread area, and they will test your drilling waste and shale prior to disposal. We will make sure that you are compliant with the Alberta Energy and Utilities Board (EUB) Directive 050 Guidelines, the Alberta Water Act, the Alberta Environmental Protection Enhancement and Enforcement Act, and the Oil and Gas Conservation Act.

- Environmental Field Report (EFR) – The intent of the EFR is to provide the client with site-specific details as to how environmental issues may be addressed during the construction, operation and reclamation phases of the development on public land. This will allow the client to maintain a level of environmental integrity throughout all stages of the project.

- Disposal on Forested Public Lands (DFPL) – Bio-Synergy can help you dispose of drilling wastes in the Forested Green Areas through DFPL. When we submit your Environmental Field Report, we will set up your drilling waste disposal program in accordance with the EUB Directive 050, the Public Lands Operational Handbook, and the Public Lands Act. Our technicians will monitor the application of tested drilling wastes to the applicable license of occupation and only those access roads that are suitable for DFPL.

- Notifications – We work to make sure that your operation has no surprises for the regulatory community where environmental compliance is concerned. We issue pre-drill notifications as well as post-disposal notifications with digitized maps showing where and how much drilling waste was spread, using GPS technology to keep track of waste disposal.

- Quality Assurance, Quality Control (QA/QC) – our goal at Bio-Synergy is to provide the best QA/QC system for field analysis in the environmental industry. Our field kits are calibrated and tested with QC solutions that have been tested at a CAEAL certified laboratory. Our Data Quality Objectives (DQO) mean that we target 5% of the certified lab data for all field tests.