



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BUREAU OF WATER STANDARDS AND FACILITY REGULATION

March 18, 2011

Mr. James Cochran
Project 5/Timberline Treatment Facility
P.O. Box 269
Franklin, PA 16323-0269

Re: **Request for Information** – Permit ID: PA0222011
Big Sandy Oil Co.

Dear Mr. Cochran:


According to our records, your facility is accepting wastewater from Marcellus Shale operations. The Department of Environmental Protection (DEP) implemented several new regulations and controls in the last two years intended to protect public water supply sources and other water resources from high levels of certain contaminants. The changes in the monitoring requirements described below are intended to provide DEP with information on the status of the effluent water quality from your facility.

If your NPDES permit has already been modified to include monitoring for these parameters, then you are already compliant. If your permit has not yet been updated to reflect these new testing requirements, DEP requests that you voluntarily begin doing so within 30 days of receipt of this letter, as follows:

- TDS, pH, alkalinity, chloride, sulfate and bromide: collect twice monthly samples, on days that you are receiving the wastewater from natural gas drilling activities, at outfall 001.
- Gross Alpha, Radium 226 & 228, and Uranium: Collect twice monthly samples, on days that you are receiving the wastewater from natural gas drilling activities, at outfall 001.
- Samples should be collected as composites of minimum 8-hour duration, except pH, which should be collected as a grab.
- All samples should be analyzed by an accredited laboratory using EPA-approved methods. Please contact this office if you need assistance locating an appropriately accredited laboratory.
- Under authority of 25 Pa.Code § 92a.61(g), all sample results shall be reported to DEP within 30 days of obtaining the results.

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We request that any sample results be reported to DEP as soon as possible. If you have any questions about this letter, please contact me by e-mail at rfurlan@state.pa.us or by telephone at 717.787.8184.

Sincerely,

A handwritten signature in black ink, appearing to read "R. C. Furlan". The signature is stylized with a large initial "R" and a long, sweeping underline.

Ronald C. Furlan PE, Manager
Division of Planning and Permits

cc: Water Quality Program Manager
File