



# MARYLAND DEPARTMENT OF THE ENVIRONMENT

Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719

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Secretary

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April 8, 2014

Mr. John J. Hoban  
Global Remediation SouthCentral Region  
ExxonMobil Corporation  
7715 Crittenden Street, #309  
Philadelphia PA 19118-4421

**RE: WELL INSTALLATION AND DEEPENING REPORT FOR  
NINE WELLS - HYDRASLEEVE™ SAMPLING**

**Case No. 2006-0303-BA**

**Former Exxon R/S No. 2-8077**

**14258 Jarrettsville Pike, Phoenix**

**Baltimore County, Maryland**

Dear Mr. Hoban:

The Oil Control Program recently completed a review of the HydraSleeve™ sampling intervals proposed in the *Well Installation and Deepening Report for Nine Wells – February 21, 2014*. The report included all data collected for the nine newly installed deeper monitoring wells including geophysical logs, boring logs, drillers logs, water levels, and analytical data collected per the *Additional Site Characterization Work Plan - June 21, 2012* and the Department's approval letter dated February 20, 2013. Discrete zone HydraSleeve samplers will be collected monthly for a period of three months, per the *Work Plan*. Based on the analytical results obtained, modification to the sampling frequency may be proposed.

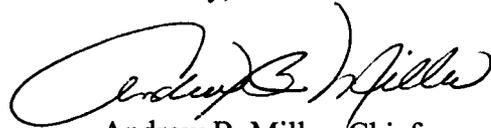
At this time, the Department does not approve removal of the packer installed at MW-188D for discrete zone monitoring due to methyl tertiary-butyl ether (MTBE) concentrations detected in the deeper zone (below the packer set at 300 feet). Grab water samples above and below the packer must continue to be sampled until further notice and until options are discussed at our upcoming technical meeting. The Department approves the discrete zone sampling proposed for the remaining eight wells with the following comments:

- For well PW-3501, include the minor open joint fracture at 296 feet, which also contained a slight upward flow noted at 294 feet. The 300-foot interval may either incorporate the joint fracture or an additional sampler may be warranted to accommodate this sample interval requested.
- Add 324-foot interval at well MW-36C to the sampling intervals, based on the bedding foliation noted.

Per the *Work Plan* and approval letter, the first round of discrete zone samples must be analyzed for full-suite volatile organic compounds (VOCs) using EPA Method 8260. The subsequent two monthly discrete zone samples may be analyzed for targeted parameters (BTEX and fuel oxygenates). A letter report must be submitted to the Oil Control Program with all data collected and a summary table with a long-term sampling plan within 45 days upon completion of the last sampling event (third month of completion of HydraSleeve samples).

Please notify the case manager, Ms. Ellen Jackson, at least five (5) days prior to conducting any HydraSleeve sampling so we may be present. If you have any questions, please contact Ms. Jackson at 410-537-3482 or via email: [ellen.jackson@maryland.gov](mailto:ellen.jackson@maryland.gov).

Sincerely,



Andrew B. Miller, Chief  
Remediation and State-Lead Division  
Oil Control Program

EJ/nln

cc: Carlos Bollar, Esquire (Archer & Greiner, P.C.)  
Sasha McNeeley, Esquire (Snyder, Weltchek & Snyder)  
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Mr. Gregory Martin (Roux & Assoc., Inc.)  
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