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January 8, 2008

Mr. Herbert M. Meade, Administrator
Maryland Department of the Environment
Oil Control Program, Suite 620
1800 Washington Boulevard
Baltimore, Maryland 21230

**RE: Monitoring Well Installation Update
Exxon Service Station #2-8077
14258 Jarrettsville Pike
Phoenix, Baltimore County, Maryland
Facility I.D. No. 12342
Case No. 2006-0303-BA2**

Dear Mr. Meade:

This letter is submitted by Kleinfelder East, Inc. (Kleinfelder), on behalf of Exxon Mobil Corporation (ExxonMobil), to summarize monitoring well installation status as of December 27, 2007 on the Expanded Monitoring Well Network¹ plan submitted to the Maryland Department of the Environment (MDE) pertaining to Exxon Service Station #2-8077 located at 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland. The status of the well installation and collected data information is provided as follows:

- Well drilling and installation has been completed for each of the proposed wells identified in **Figure 1**. The following data package for each of the completed wells is included in this letter report:
 - Boring and well construction logs (**Appendix A**);
 - State well completion reports (**Appendix B**);
 - Gauging and analytical results tables (**Table 1**);
 - Laboratory analytical reports (**Appendix C**);
 - Geophysical logs for C-series wells (**Appendix D**);
- Composite groundwater samples were collected from each of the completed wells and submitted for analysis of full list VOCs and fuel oxygenates. Results of the analysis indicate no detection of hydrocarbon constituents, with the exception of a “J” qualified value for toluene below the laboratory reporting limit in MW-92C. Detailed results of the analysis are included in the data package detailed above.
- C-series wells have been logged by borehole geophysical methods requested by the MDE (spontaneous potential, borehole and fluid resistivity, gamma, temperature, caliper, optical televiewer, acoustic televiewer and caliper, and heat pulse flow meter.) The vertical flow component detected in any of these wells was upward during the testing period.

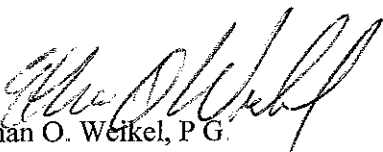
¹ Kleinfelder, July 11, 2007, Expanded Monitoring Well Network, Case No. 2006-0303-BA2, Jacksonville Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland, Facility I.D. No. 12342.


- Based on the analytical results and geophysical data collected (for C-series wells only), the following recommendations are made to confirm the analytical results and assess targeted depths:
 - In MW-42C(MDE-15C) the following targeted zones will be sampled via Hydrasleeve™ technology based on the supporting analysis:
 - 123 feet below the top of casing a fracture is indicated on the acoustic televiwer and acoustic caliper logs. The data from the heat pulse flowmeter indicates the fracture is taking water denoted by the decrease in upward flow at this depth.
 - 327 feet below the top of casing a fracture zone is indicated on the acoustic caliper and televiwer logs. The data from the heat pulse flowmeter indicates the fracture is producing water denoted by the increase in upward flow at this depth.
 - In MW-92C the following targeted zones will be sampled via Hydrasleeve™ technology based on the supporting analysis:
 - 203 feet below the top of casing is a prominent fracture zone as indicated on the acoustic televiwer, acoustic caliper, and caliper logs. The data from the heat pulse flowmeter indicates the fracture zone is producing water denoted by the increase in upward flow within the fracture zone. This targeted depth is intended to characterize water migrating up the boring.
 - 210 feet below the top of casing a prominent fracture zone is indicated on the acoustic televiwer, acoustic caliper, and caliper logs. The data from the heat pulse flowmeter indicates the fracture zone is producing water denoted by the increase in upward flow within the fracture zone.
 - In MW-93C(MDE-7C) the following targeted zones will be sampled via Hydrasleeve™ technology based on the supporting analysis:
 - 185 feet below the top of casing a fracture is indicated on the acoustic televiwer and acoustic caliper logs. The data from the heat pulse flowmeter indicates the fracture is taking water denoted by the decrease in upward flow at this depth.
 - 237 feet below the top of casing a fracture set is indicated on the acoustic televiwer, acoustic caliper, and caliper logs. The data from the heat pulse flowmeter indicates the fracture is producing water denoted by the increase in upward flow at this depth.
 - In MW-165C(MDE-8C) slough has accumulated in the bottom of the boring as detailed in correspondence to the MDE² dated October 23, 2007, the following targeted zones are the primary interest and will be sampled via Hydrasleeve™ technology based on the supporting analysis:
 - 68 feet below the top of casing a prominent fracture zone is indicated on the optical televiwer and caliper logs; the size of the fracture zone makes it a target zone.
 - 90 feet below the top of casing a prominent fracture is indicated on the optical televiwer and caliper logs; the size of the fracture makes it a target zone.
 - 150 feet below the top of casing a prominent fracture is indicated on the optical televiwer and caliper logs; the size of the fracture makes it a target zone.
 - 211 feet below the top of casing a prominent fracture is indicated on the optical televiwer and caliper logs; the size of the fracture makes it a target zone.

² Kleinfelder October 23, 2007, Well Status - MDE-8C, Case No. 2006-0303-BA2, Jacksonville Exxon R/S No. 2-8077, 14258 Jarrettsville Pike, Phoenix, Baltimore County, Maryland, Facility I.D. No. 12342.

Please contact us with any questions pertaining to the information provided.

Sincerely,
Kleinfelder East, Inc.


Ethan O. Weikel, P.G.
Project Manager/Hydrogeologist


Jeffrey R. Hale, P.G.
Principal Hydrogeologist

Attachments

Figure 1 - Additional Well Install Map
Table 1 - Summary of Groundwater Analytical Results
Appendix A - Boring Logs
Appendix B - State Well Completion Reports
Appendix C - Laboratory Analytical Reports
Appendix D - Geophysical Logs (Included on CD)

cc: Ms. Stephanie M McQueen – Exxon Mobil Corporation
Ms. Marie C. McGowan – Exxon Mobil Corporation
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