



State of Ohio Environmental Protection Agency

**Southeast District Office**

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December 23, 2008

**WASHINGTON COUNTY  
SOLVAY ADVANCED POLYMERS  
DHWM/SEDO  
ID #OHD981529688  
PERMIT # 04-84-0194**

Mr. Mark Potochnik, HSE Manager  
Solvay Advanced Polymers, LLC  
P.O. Box 446  
State Route 7 South  
Marietta, Ohio 45750

Dear Mr. Potochnik:

On December 17, 2008, I visited Solvay Advanced Polymers' (Solvay) facility in Marietta, Ohio and met with you and Jean Anderson to conduct a quarterly review of Solvay's Part B Hazardous Waste Permit. The purpose of this letter is to document my visit and follow up on the issues covered during the visit.

During my visit, we discussed Solvay's proposed permit modification relating to the monitoring of inorganic constituents. Solvay has agreed to withdraw this modification because it was submitted as a class 1A and should have been a class 2 modification. It was agreed that Solvay and Ohio EPA would schedule a meeting in January 2009 to discuss in greater depth how recurring detections of inorganic constituents (such as chromium) can most appropriately be addressed when Solvay suspects the constituent is from an off-site source.

As we discussed, the January meeting will also be used to talk through the results of the supplemental ground water monitoring done for the shutdown of the FEQB vacuum extraction system. Through correspondence, Solvay and Ohio EPA have already exchanged ideas about the interpretation of the ground water monitoring data. We agreed that our January discussions of the FEQB should also explore whether the closure performance standard for the area has been met.

During the quarterly visit, Jean Anderson and I also walked through the wastewater treatment plant area. During our walk through, we looked at the condition of MW-101, the condition of the FEQB final cover, and the newly installed sump pump in the container storage area.

At MW-101, I saw an area of separation between the ground surface and the concrete pad. This area around the well was lower than the surrounding ground surface and had allowed several inches of water to collect around the well casing. Solvay should immediately backfill around the well casing with clay to create positive drainage away from the casing. This will reduce the chance of surface water (and any associated contaminants) entering the aquifer in

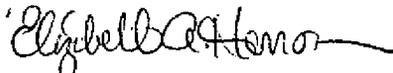
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the short term. Provided that MW-101 is found to still be competent, the space around the well pad must ultimately be addressed by replacing the concrete pad. Please respond with (1) confirmation that the area around the well has been backfilled, and (2) a time schedule for evaluating the competency of the well and if appropriate replacing the concrete or taking other corrective measures.

Solvay was cited with a violation of Permit Condition G.3 for the condition of the FEQB final cover in the March 3, 2008 annual permit inspection. During this inspection, the vegetative cover was found to be rutted and ponding water. During the June 18, 2008 quarterly visit, I observed that the FEQB had been regraded to remove ruts and restore the slope to promote surface drainage but not yet seeded. In the September 16, 2008 quarterly visit, I observed that the FEQB had been planted with grass but the grass was not growing in all areas. On December 17, 2008, a full vegetative cover was still yet to be established and, in fact, there appeared to be more bare areas than observed in September 2008. There were also large areas of standing water on the FEQB surface, indicating that current slope on the cover is not sufficient for proper drainage. Solvay will remain in violation of Permit Condition G.3, Post-Closure Procedures and Use of the Property until Ohio EPA has documentation that the condition of the landfill cap has been fully restored. Please be prepared to discuss, in our January 2009 meeting, how Solvay proposes to come into compliance with Permit Condition G.3.

Thank you for the time you took to meet with me and review Solvay's permit. Please contact me at (740) 380-5248 if you have any questions regarding this letter.

Sincerely,



Elizabeth A. Herron  
Environmental Specialist  
Division of Hazardous Waste Management

EH/mlm

**NOTICE:**

Ohio EPA's failure to list specific deficiencies or violations in this letter does not relieve your company from having to comply with all applicable regulations.