



January 28, 2010

Ms. Sharon R. Fisher
Harley-Davidson Motor Company Operations, Inc.
1425 Eden Road
York, PA 17402

Re: 2009 Summary of Operation for
North Building 4 Soil Vapor Extraction System
Harley-Davidson Motor Company Operations, Inc.
Benham Project: 4501020024/1000/600

Dear Sharon:

The Benham Companies, LLC [Benham, formally Science Applications International Corporation (SAIC)] is providing this letter to summarize operation of the North Building 4 (NB4) soil vapor extraction (SVE) system during 2009. The NB4 SVE system is located at the York, Pennsylvania, facility of Harley-Davidson Motor Company Operations, Inc. (Harley-Davidson).

The purpose of the SVE system is to extract soil vapor containing volatile organic compounds (VOCs) from six vapor extraction wells (VEWs) located beneath the floor at the north end of Building 4. Each of the VEWs is connected via schedule 40 polyvinyl chloride (PVC) piping to a blower unit housed in a wooden shed located on the west side of Building 4. The blower unit applies a vacuum to the VEWs and transmits the extracted soil vapor via a 6-inch-diameter schedule 80 PVC underground pipe to Building 41 for treatment. The soil vapor is passed through either a thermal fume oxidizer (TFO) unit or a granular-activated carbon (GAC) unit for destruction/absorption of the VOCs. The SVE system has been in operation since May 1994.

During 2009, the SVE system only operated for approximately 9 days. The SVE system was shutdown to upgrade the Lower Flammability Level (LFL) meter associated with the TFO. Power for the SVE is fed from the same panel that operates the TFO, which was required to be locked out for the TFO construction work. Since the system was off line, there were no monitoring, maintenance, or sampling activities conducted on the SVE system in 2009.

The system was restarted in early 2010. As part of this startup, additional monitoring and sampling will be conducted at startup and at two weeks following startup. This additional monitoring, following the extended shut down, will be used to assist in evaluating the long-term effectiveness of the SVE system.

If you have any questions or comments regarding this letter, please contact the undersigned.

Very truly yours,

BENHAM/SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

A handwritten signature in black ink, appearing to read "Emily Wade", is written over the printed name.

Emily Wade
Staff Scientist

cc: Ralph T. Golia – AMO Environmental Decisions
Nicki Fatherly – USACE, Baltimore District