



at AUBURN UNIVERSITY

January 8, 2016

Michael Wertheim  
National Director of Aquaphalt Sales  
Roadstone Production, LLC  
1230 River Road, PO Box 648  
Charlottesville, VA 22902

Dear Mr. Wertheim,

This letter is provided to objectively document recent experiences with your Aquaphalt product at the National Center for Asphalt Technology (NCAT) at Auburn University.

In June, 2015, the NCAT Pavement Test Track received a pallet of 4-gallon buckets of Aquaphalt to use during a large coring operation in preparation for the 2015 pavement preservation experiment on US-280. A total of 100 cores, of varying depths, were taken from four future test sections in order to facilitate cold recycle (CR) mix designs. Aquaphalt was used to patch almost every core. These four test sections, which consisted of 4-inch CR binder layers with 1-inch aged binder ratio (ABR) thin overlay surfaces, were completed on September 9<sup>th</sup> and 10<sup>th</sup> of 2015. At the time the sections were completed, Aquaphalt had been in place for three months on the high ADT roadway (supporting more than 5,500 vehicles per day in the westbound truck/test lane) with no noticeable failures.

In this application, Aquaphalt met our needs in an ideal way. Test sections on US-280 were miles away from the NCAT Pavement Test Track and required a large quantity of patching material. A cold patch product was necessary that would survive in the demanding high ADT environment of US-280. The packaging was easy to use and could be resealed when not needed. The product instructions were simple to understand, noting that we did not follow them precisely. Instead of carrying water with us solely for use with Aquaphalt, we actually used the residual water in each hole from the coring procedure. This seemed to work well. The aggregate size in the product also seemed to be appropriate for 6-inch core holes. It was not difficult to compact, and the finished surface had a smooth texture that blended well with the existing roadway.

Based on this positive experience, the NCAT Pavement Test Track would not hesitate to use Aquaphalt in the future. We look forward to the opportunity to work with you again soon.

Sincerely,



Jennifer Dukes

NCAT Pavement Test Track

Cc: Dr. R. Buzz Powell, PE (NCAT Assistant Director and Test Track Manager)  
File