TEXAS TECH UNIVERSITY
Operations Division
Engineering Services

MEMORANDUM

DATE: September 26, 2016

TO: Michael L. Smith

FROM: Freddy Ortiz

SUBJECT: Asbestos Survey
CASNR Annex Building former Animal Science
Building Renovation (#15-15700)

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On September 15, 2016, Asbestos Management Section personnel conducted a survey in support of an Engineering Services renovation project. The scope of work consists of installation of new windows, new ceiling, a/c unit removal, and HVAC upgrade at the CASNR building. The survey consisted of a review of previous sampling reports, including the ENSR asbestos survey, an on-site visit, and the collection of bulk samples from materials not previously identified. Collected samples were forwarded to J3 Resources, Inc. for bulk sample analysis using polarized light microscopy (PLM) techniques. Lab results for the homogenous building materials are listed below. The following building materials were verified during the on-site visit

Homogeneous Materials Positive for Asbestos

HM 01; Original Steam TSI on Steam System Piping or Associated Debris (Abandoned/Cut former Radiator System – Pipe tunnel, chases, above plaster ceilings or other inaccessible areas – The original steam system piping installed in 1951 fed the radiator system in the east section of the building via a perimeter piping tunnel. During building additions circa, 1960's, additional piping tunnels were installed around the perimeter areas of new construction. New steam system piping to HVAC units and other equipment was installed during new construction (see Homogeneous Material No. 01B). TTU personal have previously identified the original steam system insulation as ACM, with many areas of extensive debris. There are multiple areas of associated debris and/or cut lagging insulation remaining in piping tunnels, above ceilings, chases and in other inaccessible areas throughout the facility. Seven (7) samples were taken of steam system piping insulation and associated debris throughout the building. All seven samples were determined to contain asbestos

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