

The following samples were collected from the JFK Library, rooms/areas:

- U02
- U02C
- U06

## LABORATORY REPORT

**TO:** Chad Johnson  
EWU, EH+S  
002 Martin Hall  
Cheney, WA 99004

**PHONE:** (509) 359-6455 **FAX:** (509) 359-4690 **E-MAIL:** djohnson@ewu.edu  
**SUBJECT:** Particle Identification  
**SPECIMEN:** One Set of Tapelifts  
**REFERENCE:** 032218 JFK Sampling

### INTRODUCTION

One set of three tapelifts each were received for analysis. No specific concern was mentioned. The samples were labeled as follows:

TAPELIFTS
JFK032218U02: Tapelift Analysis U02, 15:20, 3/22/2018
JFK032218U02C: Tapelift Analysis U02C, 15:25, 3/22/2018
JFK032218U06: Tapelift Analysis U06, 15:30, 3/22/2018

The tapelifts were placed on clean microscope slides and immersed in acetone for about two hours and then removed. The slides with the tapelifts were rinsed with clean acetone as they were removed from the immersion tank. The tapelifts were allowed to dry for twenty minutes in a laminar flow Clean Work Station and then mounted using a synthetic resin (Shurmount). The completed mounts were analyzed using analytical light microscopy. The materials identified are listed in decreasing order of frequency, the most common materials first. The significance of a material's location in the list is not necessarily related to its health impact because some materials have a greater health impact at low levels than other materials do at high levels.

### RESULTS

The tapelifts were all very clean. There were slight variations in the frequency of various particle types but with the small total population of particles the variations were not statistically significant. They contained skin flakes, paper fiber, clothing fiber, natural minerals, plant parts, pollen, dog dander, starch, charred wood, dry-erase ink, magnetite spheres, fungal spores, and a glass fiber. Two glass fibers were found in a fingerprint on the tapelift from U06 but particles in fingerprints on a tapelift are not generally included in the analysis and they are not included here. The one glass fiber included was on the tapelift from U02. There was only one glass fiber, so it is within the range for background.

## CONCLUSION

The surfaces represented by these tapelifts are very clean. Glass fiber is within ambient background levels.

Thank you for this opportunity to be of service. If I can provide any further assistance please contact me.

Signed: *Russ Crutcher*  
E. R. Crutcher, Consultant