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Centennial Core Samples September 29, 2009 thru October 6, 2009

Free Silver Court, Building 400

- North Samples
 - A. Good
 - B. Good
 - C. Fair - No insulation inside wall.
- East Samples
 - A. Poor - Wet. Deck unstable with dry rot.
 - B. Good
- South Samples
 - A. Bad -Wet crumble. No dry wall or plywood left. Building is expelling heat from sample hole.
 - B. Bad - Wet. No dry wall or plywood left. 2x6 Rotten and decay.
 - C. Bad-Wet. Header is rotten and decaying.
- West Samples
 - A. Poor-Wet. Siding is separating



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Centennial Core Samples September 29, 2009 thru October 6, 2009

Free Silver CT Building 300

- North Samples
 - A. Fair - No Insulation inside wall.
 - B. Fair - Signs of moisture.
 - N/S (No Bagged Sample) Tests - 12 cores all good
- East Samples
 - A. Fair - Signs of moisture.
- South Samples
 - A. Poor - Wet. Siding was saturated.
 - a. Upper - Same.
 - B. Poor - Wet. Signs of rot and decay.
 - b. Upper - Same. Wet clear thru.
 - C. Poor - Wet. Signs of rot and decay
 - c. Upper - wet siding only with dry wall starting to decay.
- West Samples
 - A. Good
 - Note: Water leaking from siding.



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Centennial Core Samples September 29, 2009 thru October 6, 2009

Free Silver CT Building 200

- North Samples
 - A. Poor - Wet.
 - B. Good

 - East Samples
 - A. Poor -Wet. Ply wood is separating from moisture.

 - South Samples
 - A. Poor - Wet.
 - B. Poor - Wet. Dry wall and Ply wood is starting to separate.
Note: Insulation showing mold.

 - West Samples
 - A. Fair - Damp - N/S
 - B. Bad -Wet. Signs of mold, wet drywall. Mold appearing below core sample area.
Note: Mold growing on siding.
- N/S (No Bagged Sample) Tests - 2 cores all good



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Free Silver CT Building 100

- North Samples
 - A. Fair - Wet. Dry wall starting to crumble. N/S
 - B. Good N/S Plywood showing signs of moisture.
 - C. Poor-Wet. Dry wall and Plywood showing signs of mold and rot. N/S
 - D. Poor-Wet. Dry wall and Plywood showing signs of mold and rot.
 - E. Good-Damp. N/S
- East Samples
 - N/S (No Bagged Sample) Tests - 2 cores all good
- South Samples
 - A. Fair - Wet.
 - B. Bad - Wet. Rotten Rim Joist.
 - C. Fair - Wet. Signs of moisture starting. N/S
 - D. Fair - Wet. Signs of moisture starting. N/S
 - E. Bad - Wet. Wet and spongy siding, mold visible above deck, studs wet and decay. Stinks of mold.
- West Samples
 - N/S (No Bagged Sample) Tests - 2 cores all good



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Teal CT Building 200

- South Samples
 - A. Bad -Wet. Dry wall and plywood decay. 2x6 shows signs of rot.
 - B. Bad - Wet. Dry wall and plywood decay. 2x6 shows signs of rot. Floor joist shows signs of rot and decay.
 - C. Poor - Wet. Signs of moisture and starting to decay.
 - D. Fair - Signs of moisture. N/S

- West Samples
 - N/S (No Bagged Sample) Tests - 2 cores all good

- North Samples
 - A. Bad -Wet. No sheet rock visible, mold present, floor joist wet and rotten.
 - B. Poor -Wet. No dry wall in core sample. Starting to mold. N/S
 - b. upper - wet. N/S
 - C. Poor -Wet. Stinks of mold. N/S
 - N/S (No Bagged Sample) Tests - 2 cores all good



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Teal CT Building 300

- North Samples
 - A. Poor - Wet. Plywood black and moldy, starting to decay.
 - B. Fair - No dry wall, no vapor barrier, no fire wall. N/S
 - C. Fair - signs of moisture. No insulation N/S

N/S (No Bagged Sample) Tests - 3 cores all good/3 with signs of rot beginning.
- East Samples

N/S (No Bagged Sample) Tests - 3 cores all good
- West Samples

N/S (No Bagged Sample) Tests - 3 cores all good
- South Samples
 - A. Poor - Wet. Beginning to decay and rot.
 - B. Bad - Wet. Rotten ply wood and floor beams.
 - C. Good N/S
 - D. Fair - Signs of moisture. beginning stages of decay. N/S
 - E. Poor - Wet siding. N/S
 - F. Poor -Wet. Substantial mold outside around area of sample. Signs of rot and decay.
 - G. Poor -Wet. Substantial mold outside around area of sample. Signs of rot and decay.



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Centennial Core Samples September 29, 2009 thru October 6, 2009

Teal CT Building 400

- North Samples
 - A. Bad - Wet. Dry wall and ply wood deterioration, moldy and beginning to stink.
- West Samples
 - N/S (No Bagged Sample) Tests - Good
- South Samples
 - N/S (No Bagged Sample) Tests - 2 cores signs of moisture beginning.
- East Samples
 - N/S (No Bagged Sample) Tests - Good



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Centennial Core Samples September 29, 2009 thru October 6, 2009

Kauri Construction, Inc., (KCI) was requested by the engineer to obtain core samples from all buildings on Free Silver Court and Teal Court in the Centennial Subdivision.

KCI took core samples using a 2 1/2 inch hole saw. This created a circle sample approximately 2 1/2 inches in diameter. Each circle should consist of 3 layers. In order to accurately determine the condition of the area sampled KCI had to view all layers of the building's infrastructure.

Layer 1 is the red wood siding. KCI's objective was to check saturation levels of the siding and any visible signs of mold and rot.

Layer 2 is the dry wall. KCI's objective was to evaluate the drywall for moisture content and deterioration.

Layer 3 is the 1/2 inch plywood. KCI's objective was to check plywood for visible signs of moisture and deterioration. Upon removal of the plywood any signs of damage to the framing was noted.

Samples sites were determined randomly at first. Second sample sites were taken where signs of any problems were visible. Often during the removal of the sample it was noted that heat and moisture and a strong odor emitted from the sample site.

KCI is not a licensed mold inspector expert. Upon collection of the samples we did our best to be as descriptive as possible for the Engineer,. KCI determined the samples as good, fair, poor and bad. Definitions as follows:

Good -sample needed no work. Sample considered normal and used as a baseline for other samples.

Fair - sample showed an inconsistency compared to baseline, see notes.

Poor - sample showed increased signs of deterioration and damage, see notes.

Bad - sample considered substandard and inferior compared to baseline, see notes.

KCI found that the outward appearance of the building had no effect on the condition of the samples. Many bad samples came from areas with no visible signs of problems in the siding. However, good samples often came from areas with visible signs of problems in the siding.

A total of 84 samples were collected and recorded. Of that 84 only 44 tested good or with minimal signs of problems. It is our conclusion that over 50% of the building will need repairs to its' infrastructure.



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CENTENNIAL SUBDIVISION

FREE SILVER COURT

TEAL COURT

CORE SAMPLES

SEPTEMBER 29, 2009 THRU OCTOBER 6, 2009