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**Bulk Sample Asbestos Report**

Date of Report: 8-9-13

Date of Inspection: 7-31-13

Company/Client: Truckee River Flood Management Authority

Address: 9635 Gateway Drive, Suite A

City, State & Zip: Reno, NV 89521

Building Name: Bristlecone Complex

Building Address: 1725 South McCarran Boulevard, Reno, Nevada

Area of Building Inspected: Gym Building, Main Building, Hacienda Building, Maintenance Shop and the Cistern Building

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A survey was performed at the Bristlecone Complex located at 1725 South McCarran Boulevard on July 31, 2013. The inspection involved the collection of 66 bulk samples from the buildings that are scheduled for demolition. The suspect asbestos containing materials that were sampled include pipe insulations, spray acoustic, wall textures, wall plasters, flooring materials, flooring glues, ceiling tiles, exterior siding and roofing materials. The laboratory analysis shows that various materials contain asbestos above 1%.

These materials are both friable (friable-able to crush, pulverize or reduce to powder by hand pressure) and non-friable. All of the asbestos containing pipe insulation and linoleum flooring are considered to be friable materials and must be removed by an asbestos abatement contractor prior to the demolition. The floor tiles with black mastic that are on concrete and the exterior transite siding shingles are considered to be non-friable but have the potential to become friable during the demolition process and must be removed by an asbestos abatement contractor. The floor tiles and black mastic that are on wood are considered to be non-friable and have a low potential to become friable and can usually remain in place. The following is a summary of the regulated friable and non-friable asbestos containing materials that must be removed by an asbestos abatement contractor.

Location\*\*Type of Material\*\*Asbestos Content\*\*Friable or Non-friable (F or NF)

\*\*\*Gym Building

1. Attic\*\*Pipe Insulation \*\*30-40% Chrysotile Asbestos\*\*F
2. Attic\*\*Pipe Insulation\*\*5-10 % Chrysotile & 20-30% Amosite Asbestos\*\*F
3. Boiler Room\*\*Water Tank Insulation\*\*5-10% Chrysotile & 20-30% Amosite Asbestos\*\*F
4. Boiler Room\*\*Center Boiler\*\*5-1-% Chrysotile & 20-30% Amosite Asbestos\*\*F

5. Boiler Room\*\*West Boiler\*\*1-5% Chrysotile Asbestos\*\*F
6. Floors\*\*All 9x9 Floor Tiles on Concrete\*\*1-10% Chrysotile Asbestos\*\*NF
7. Floors\*\*All Black Mastic on Concrete\*\*1-5% Chrysotile Asbestos\*\*NF
8. Exterior\*\*Transite Siding\*\*20-30% Chrysotile asbestos\*\*NF

\*\*\*Main Building

1. Basement Boiler Room\*\*Vent Duct Tape\*\*20-30% Chrysotile Asbestos\*\*F
2. Basement Boiler Room\*\*Pipe Insulation\*\*20-30% Chrysotile Asbestos\*\*F
3. Attics and Crawl Spaces\*\*Pipe Insulation\*\*20-30 % Chrysotile Asbestos\*\*F
4. Basement\*\*All 9x9 Floor Tiles on Concrete\*\*1-5% Chrysotile Asbestos\*\*NF
5. 2<sup>nd</sup> Floor West Restroom\*2<sup>nd</sup> Layer Linoleum\*\*20-30% Chrysotile Asbestos\*\*F
6. 2<sup>nd</sup> Floor East Restroom\*\*2<sup>nd</sup> Layer Linoleum\*\*20-30% Chrysotile Asbestos\*\*F

\*\*\*Hacienda Building

1. Southeast Room\*\*All 9x9 Floor Tiles on Concrete\*\*5-10% Chrysotile Asbestos\*\*NF

The inspection noted that in the Main Building there is damaged pipe insulation in the attics and in the crawl spaces. There may need to be some demolition performed in order for the asbestos abatement contractor to access these areas.

Following the asbestos abatement procedures a final visual inspection must be performed. However, if the removal areas will be entered by anyone for any reason prior to the demolition process, final clearance testing will need to be performed.

The inspection that was performed and the delivery of this report does not guarantee that all asbestos was identified or that all suspect asbestos containing materials were sampled within the buildings.

Submitted by:

*Lisa D. Monroe, President*

Lisa Monroe & Associates, Inc.

NV DIROSHES: IJPM0061

CAC: 92-0660