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A.I.H.A. ACCREDITED LABORATORY #10847

NVLAP CODE 1012

August 8, 1995

Mr. Tim Jacobi
ASARCO
3422 South 700 West
Salt Lake City, UT 84119

Ref: Batch #31860, Lab #A20658-A20686
Received August 3, 1995
Samples L951632-1 through L951632-29
Project #: 3211; Account #: 7819
Invoice #: B094-1681
El Paso

Dear Mr. Jacobi:

Samples A20658 through A20386 have been analyzed by visual estimation based on EPA-600/M4-82-020 Dec. 1982 optical microscopy test method including phase contrast, polarized light, dispersion staining, and stereo microscopy.

If these samples are related to a demolition or are subject to NESHAPS 40CFR part 61 regulations, these regulations mandate that any sample containing less than 1% asbestos must be analyzed by point count. If asbestos is reported to be between 1% and 10%, see EPA "Clarification of asbestos NESHAP requirements to perform point counting." (Copy available.)

This report relates only to the items tested. This report must not be used to claim product endorsement by the NVLAP, the National Institute of Standards and Technology, or any agency of the U. S. Government. The result of analysis is as follows:

Lab A20658, Field L951632-28 CLIN-01 CLINIC

This sample has a top layer of brown plastic, a middle layer of white foam plastic and a bottom layer of 20% plant fiber, 5% synthetic fiber and 5% fiberglass in gray binder. Asbestos is none detected.

Lab A20659, Field L951632-14 SCAL-01 SCALEHOUSE

This sample has a top layer of gray plastic and limestone and a bottom layer of 10% plant fiber, 5% synthetic fiber, 10% fiberglass and 5% wollastonite in gray binder. Asbestos is none detected.

Lab A20660, Field L951632-16 CLOC-01 CLOCK ALLEY

This is a light gray sample with 35% plant fiber, 35% glasswool and perlite in resin binder with a white coating on one side. Asbestos is none detected.

78 WEST 2400 SOUTH SOUTH SALT LAKE, UTAH 84115-3013

(801) 486-0800

Res. (801) 278-4521

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Lab A20661, Field L951632-8 ELE-01 ELECTRIC SHOP

This is 10% chrysotile asbestos in a gray plastic and limestone tile.

Note: There is greater than 1% chrysotile asbestos in the black tar mastic.

Lab A20662, Field L951632-9 ELE-02 ELECTRIC SHOP

This is sand in white plaster. Asbestos is none detected.

Lab A20663, Field L951632-10 ELE-03 ELECTRIC SHOP

This is 25% rockwool in white plaster with white cotton cloth. Asbestos is none detected.

Lab A20664, Field L951632-11 ELE-04 ELECTRIC SHOP

This is 5% plant fiber in white gypsum plaster with gray plant fiber paper. Asbestos is none detected.

Lab A20665, Field L951632-12 ELE-05 ELECTRIC SHOP

This sample has a top layer of brown plastic, a middle layer of white foam plastic, and a bottom layer of 60% chrysotile asbestos and 10% plant fiber. Overall, this is 30% chrysotile asbestos.

Lab A20666, Field L951632-13 ELE-06 ELECTRIC SHOP

This is sand in white plaster with a white coating on one side. Asbestos is none detected.

Lab A20667, Field L951632-21 ENG-01 ENG.BUILDING

This is 10% amosite asbestos in gray plaster.

Lab A20668, Field L951632-22 ENG--02 ENG.BUILDING

This is sand in white plaster with chips of light blue paint. Asbestos is none detected.

Lab A20669, Field L951632-23 ENV-01 ENVIRONMENTAL

This is 30% plant fiber in black tar with white rocks on one side. This sample also contains a layer of glassy black tar. Asbestos is none detected.

Lab A20670, Field L951632-24 ENV-02 ENVIRONMENTAL

This is sand in white and gray plaster with off white paint. Asbestos is none detected.

Lab A20671, Field L951632-25 ENV-03 ENVIRONMENTAL

This sample has a top layer of tan plastic, a middle layer of white foam plastic and a bottom layer of 10% plant fiber and 10% synthetic fiber in gray binder. Asbestos is none detected.

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Lab A20672, Field L951632-26 ENV-04 ENVIRONMENTAL

This sample has a top layer of brown plastic, a middle layer of white foam plastic and a bottom layer of 60% chrysotile asbestos and 10% plant fiber in white binder. This sample also contains a layer of yellow mastic with debris. Overall, this is 30% chrysotile asbestos.

Lab A20673, Field L951632-17 HR-01 IND.RELATIONS

This is brown compressed wood fiber. Asbestos is none detected.

Lab A20674, Field L951632-18 HR-02 IND.RELATIONS

This is sand in white plaster with white paint. Asbestos is none detected.

Lab A20675, Field L951632-19 HR-03 IND.RELATIONS

This sample has a top layer of white plastic, a middle layer of white foam plastic and a bottom layer of 10% plant fiber, 5% synthetic fiber, 5% fiberglass and 5% wollastonite in gray binder. This sample also contains a layer of yellow, brown and green mastic. Asbestos is none detected.

Lab A20676, Field L951632-20 HR-04 IND.RELATIONS

This is 60% chrysotile asbestos and 25% plant fiber in gray binder.

Lab A20677, Field L951632-27 MAIN-01 MAIN OFFICE

This is 30% chrysotile asbestos in gray plaster.

Lab A20678, Field L951632-15 SCAL-02 SCALEHOUSE

This sample contains three layers: the first layer is white plaster with vermiculite; the second layer is brown plant fiber paper; the third layer is 2% plant fiber in white gypsum plaster. This sample is non-homogeneous. Asbestos is none detected.

Lab A20679, Field L951632-1 SEC-01 SECURITY

This is 15% chrysotile asbestos in gray cement with white paint.

Lab A20680, Field L951632-2 SEC-02 SECURITY

This is tan compressed wood fiber with white paint. Asbestos is none detected.

Lab A20681, Field L951632-3 SEC-03 SECURITY

This is 5% chrysotile asbestos in a brown plastic and limestone tile. Note: The black tar mastic contains greater than 1% chrysotile asbestos.

Lab A20682, Field L951632-4 SEC-04 SECURITY

This is 20% chrysotile asbestos in gray cement.

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Lab A20683, Field L951632-5 SEC-05 SECURITY

This is a white plastic and limestone tile. Asbestos is none detected.

Note: Asbestos is none detected in the yellow mastic.

Lab A20684, Field L951632-6 SEC-06 SECURITY

This sample contains white paint, a small portion of white micaceous limestone joint compound, brown plant fiber paper and white gypsum plaster with 2% plant fiber. This sample is non-homogeneous. Asbestos is none detected.

Lab A20685, Field L951632-7 SEC-07 SECURITY

This sample has a top layer of yellow, brown and white plastic, a middle layer of white foam plastic, and a bottom layer of 65% chrysotile asbestos and 10% plant fiber. Overall this is 20% chrysotile asbestos.

Lab A20686, Field L951632-29 SS-01 SAFETY SUPPLY tile

This sample has a top layer of brown plastic, a middle layer of white foam plastic, and a bottom layer of 65% chrysotile asbestos and 15% plant fiber. Overall this is 20% chrysotile asbestos.

Very truly yours,

Willard C. Dixon
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