



July 13, 2005

T200506-4293

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Kennedy space Center, FL

**BULK ASBESTOS SAMPLE & ANALYSIS, ROOFING MATERIALS
K6-0894/OPF, (WON 10266609)**

REPORT SUMMARY:

Asbestos is present in the subject roofing materials. The handling, disturbance, demolition, and disposal of this material is subject to the requirements of the 40 CFR 61 Subpart M/Asbestos NESHAP and 29 CFR 1926.1101/OSHA Asbestos Construction standards.

This office conducted bulk sampling on 07/06/05 to evaluate roofing materials for asbestos. The purpose of this evaluation was to determine if Asbestos Containing Material (ACM) was present in subject material and to provide recommended response actions if required. Work is planned to occur under WON 10266609 which will involve removing the old roofing materials. Samples were collected based on the scope of work (see drawings attached) as described by the project engineer, Jennifer Hill, (JEA).

Bulk samples of the suspect materials were collected for analysis by the CHS Environmental Health Laboratory, which is accredited under the National Voluntary Laboratory Accreditation Program NVLAP #101759-0. The bulk samples were analyzed by Polarized Light Microscopy (PLM) unless otherwise stated.

Asbestos was identified to be present as shown attached. The handling, disturbance, demolition, and disposal of this material are subject to the requirements of the 40 CFR 61 Subpart M/Asbestos NESHAP and 29 CFR 1926.1101/OSHA Asbestos Construction standards.

If additional suspect materials are encountered during maintenance or renovation activities, personnel should be instructed not to disturb the material and to contact this office immediately for additional evaluation and assessments. This should not be interpreted as a comprehensive asbestos survey of this facility; only the materials as listed below were sampled and analyzed.

If you need additional information or have any questions concerning this evaluation please contact this office at 867-3544.

A handwritten signature in cursive, appearing to read "J. R. Taffer", is written in black ink.

J. R. Taffer, C.I.H.
Industrial Hygiene, (CHS-022)

RAP:MRC:tlh

Attachments:

1. AMIS Homogeneous Material Summary (3)
2. Roof Drawings (1)

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Roofing Homogeneous Materials Summary

Facility: K6-0894, OPF(1 and 2)

Web Link; <http://amis.ksc.nasa.gov>

Material ID	Type	Description	ACM	Friable
RC01 	Roofing (Core)	Highbay #2, Roof field area	Yes	Yes
RC02 	Roofing (Core)	Highbay #1, Roof field area	Yes	Yes
RF01 	Roofing (Flashing)	Highbay #2, Roof perimeter curb flashing	Yes	Yes
RF02 	Roofing (Flashing)	Highbay #1, Roof perimeter curb flashing	Yes	Yes
RF04 	Roofing (Flashing)	South Utility Annex, flashing around perimeter curbs, pipe & vent stacks.	Yes	Yes

Material ID	Type	Description	ACM	Friable
RC03 	Roofing (Core)	Lowbay, Roof field area	No	No
RC05 	Roofing (Core)	South Utility Annex, Roof field area	No	No
RC06 	Roofing (Core)	North Utility Annex, Roof field area	No	No
RC07 	Roofing (Core)	Middle Covered Walkway Roof field area	No	No

Material ID	Type	Description	ACM	Friable
RF03 	Roofing (Flashing)	Lowbay, curb/wall flashing	No	No
RF05 	Roofing (Flashing)	North Utility Annex, Roof perimeter curb flashing	No	No
RC04 	Roofing (Core)	Middle Walkway Patch	No	No
RF06 	Roofing (Flashing)	Middle Covered Walkway, Perimeter curb flashing	No	No
RT01 {no photo available}	Roofing (Tar)	Highbay #1, Pitch Pockets	No	No
<p><i>Asbestos survey questions or emergencies? Contact CHS Environmental Health, 867-2400</i></p>				

