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PROFESSIONAL ENGINEERING & INDUSTRIAL HYGIENE SERVICES

June 6, 2019

Mr. Mark Armstrong, CFM
City of Montrose
P.O. Box 790
Montrose, Colorado 81402

Subject: Final Visual Inspection and Clearance Air Monitoring Report
437 West Main
Montrose, Colorado 81401

Mr. Armstrong,

Plateau Inc. was contracted by you to provide final visual inspection and clearance air monitoring services after the removal of regulated asbestos-containing materials (RACM) located in the kitchen and the exterior siding products at the above subject residential location.

Plateau, Inc. is an asbestos consulting firm registered with the State of Colorado; registration number ACF-14973. The removal was completed by Regional Asbestos Mitigation Services; State of Colorado registration number 19382 and completed on June 5, 2019, A notification to CDPHE was supplied prior to abatement activities and can be referenced by identification number 19MO3203A.

SUMMARY OF REMEDIATION ACTIVITIES

Regional Asbestos Mitigation completed removal of the regulated asbestos materials on June 5, 2019. The amount and type of material represented on the CDPHE abatement permit includes 250 s.f. sheet vinyl and 1500 s.f. transite exterior product. The landfill designated on the permit application to receive the friable and non-friable asbestos materials is Buffalo Ridge Landfill in Keenesburg, CO.

Visual inspections of the interior containment passed followed by clearance air monitoring sampling. Final visual inspection and clearance air monitoring services were performed by Azura Lakin, Colorado Air Monitoring Specialist and Building Inspector; APCD #16611, certified by the CDPHE. Final clearance air samples were collected from inside the work area as required by regulations. The sampling was conducted utilizing the PCM (Phase Contrast Microscopy) method.

Visual inspections of the exterior of the residence was completed June 5, 2019. All transite was removed and bagged according to Colorado Reg. 8, Part B for disposal.

SAMPLE COLLECTION

Air samples were collected on MCE, 0.8 μm , carbon-filled conductive polypropylene, black, assembled with cowl, banded, tapered-end style for PCM analysis. These cassettes are designed and manufactured to meet all applicable NIOSH, OSHA, and EPA standards. Rates were recorded at the beginning and at the end of the sampling period using a rotameter calibrated with a DryCal™ primary flow calibrator at the site. As required by Regulation No.8, a total volume of at least 1,200 liters of air was collected in each sample. Samples were submitted under chain of custody to EMSL Analytical, Inc. EMSL Analytical, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 200828-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 189946, Accreditation Certificate for Phase Contrast Microscopy (PCM) analysis.

AIR MONITORING RESULTS

Sample results were compared to the clearance criteria for PCM analysis. The clearance shall be considered complete when the results of samples collected and analyzed by PCM using the NIOSH Method 7400 entitled "Fibers" published in the NIOSH Manual of Analytical Methods, 3rd Edition, Second Supplement, August 1987, show that the concentration of fibers for each of the five samples is less than or equal to a limit of quantification for PCM (0.01 fibers per cubic centimeter, 0.01 f/cm^3 , 10,000 f/m^3). Final clearance air samples did not exceed the clearance criteria. A summary of the air monitoring results is provided in Table 1.

AIR MONITORING RESULTS

CLEARANCE AIR SAMPLING RESIDENCE				
SAMPLE NO.	DATE	TYPE	SAMPLE DESCRIPTION/LOCATION	ANALYTICAL RESULT (F/cc)
COM-1	06/05/2019	PCM - CLEARANCE	Containment	<0.002
COM-2	06/05/2019	PCM - CLEARANCE	Containment	<0.002
COM-3	06/05/2019	PCM - CLEARANCE	Containment	<0.002
COM-4	06/05/2019	PCM - CLEARANCE	Containment	<0.002
COM-5	06/05/2019	PCM - CLEARANCE	Containment	<0.002
COM-LB	06/05/2019	PCM - CLEARANCE	LAB BLANK	-
COM-FB	06/05/2019	PCM - CLEARANCE	FIELD BLANK	-

CONCLUSION

Based on visual observations by Plateau, containments were constructed, cleaned, and decontaminated in accordance with Colorado Regulation No. 8. Based on final clearance air monitoring results, the project passed the clearance level of 0.01 fibers per cubic centimeter, 0.01 f/cm^3 , 10,000 f/m^3 for PCM analyses as set by Colorado Regulation No. 8 and the CDPHE.

In addition to the final visual inspections and air monitoring protocols, Regional Asbestos Mitigation completed the removal of the exterior transite product. The demolition permit application is enclosed, please call Plateau should you have any questions with completing this form, 970-252-1363.

Thank you for selecting Plateau for your project.

Sincerely,
Plateau, Inc.

Azura Lakin

Azura Lakin, APCD#16611

Attachments: EMSL Analytical Laboratory Results

Limitations:

PLATEAU Inc. conducted this project in accordance with current professional practices. The project scope was limited to the sampling location and analyses described in the report. Plateau cannot document or comment on all day-to-day activities and events with respect to compliance with regulations and specifications.

This report is intended for the use only by the client. Any future use of this report by anyone other than the above referenced client will require authorization by PLATEAU and possible updating of the report.