DAILY SITE INSPECTION REPORT

For

A&M Abatement Services Ltd.

Stan Daniels Healing Centre
Edmonton, AB
High Risk Asbestos Abatement

October 21, 2014 **1030 – 1630 hrs**

Personnel in Attendance: Chris Dawn, *Cascade Environmental Consulting Ltd.*
Benjamin Plesuk, *Cascade Environmental Consulting Ltd.*
Greg MacDougall, *A&M Abatement Services Ltd.*

1. Cascade Environmental Consulting Ltd. personnel arrived onsite at approximately 1000 hrs to conduct site inspection and air monitoring services for the high risk removal of asbestos containing vinyl sheet flooring from Suites #202 and #301 of the Stan Daniels Healing Centre located at 10940 137 Street, in Edmonton, AB.

2. At approximately 1030 hrs two A&M employees arrived on site to complete the setup and commence with the high risk asbestos abatement. At approximately 1630 hrs all A&M employees left the site for the work shift.

3. At 1030 and 1600 hrs, Cascade Environmental Consulting Ltd. personnel inspected the immediate work area to determine compliance with all applicable health and safety guidelines, regulations, and procedures. During these inspections, A&M employees were observed following all applicable procedures.

4. At 1030 hrs, prior to the start of the high risk removal of asbestos containing vinyl sheet flooring from Suites #202 and #301 of the Stan Daniels Healing Centre, Cascade Environmental Consulting Ltd. conducted a pre-contamination inspection of the work areas to determine compliance with the Alberta Human Resources and Employment, Workplace Health and Safety, *Asbestos Abatement Manual* (October 2012). Cascade Environmental Consulting Ltd. personnel inspected the asbestos containment system and environmental control systems. At 1040 hrs, the inspections passed and A&M employees were granted permission to begin asbestos abatement activities. A&M employees commenced with asbestos abatement activities at approximately 1040 hrs.

5. Four ambient air-monitoring samples were initiated at approximately 1040 hrs and collected at approximately 1600 hrs from areas adjacent to the containment while A&M employees proceeded with the high risk asbestos abatement. The first ambient air sample was collected from within the clean room of the 3rd floor containment. The second ambient air sample was collected from the 3rd floor hallway; adjacent to the containment. The third ambient air sample was collected from within the clean room of the 2nd floor containment. The fourth ambient air sample was collected from within the 2nd floor hallway; adjacent to the containment. The ambient air samples were analyzed by Cascade Environmental Consulting Ltd. and were found to be below 10% of the Occupational Exposure Limit for airborne asbestos fibres. One occupational air sample was collected on an A&M employee

performing high risk abatement of asbestos-containing vinyl sheet flooring. The occupational air sample was analyzed by Cascade Environmental Consulting Ltd. and was found to be within acceptable limits for the Powered Air Purifying Respirators (PAPR) equipped with P100 HEPA filters being utilized on this project.

6. At approximately 1600 hrs A&M requested a final visual clearance inspection of the 3rd floor containment as required by Alberta Human Resources and Employment, Workplace Health and Safety, *Asbestos Abatement Manual* (October 2012). The purpose of the inspection was to ensure that all asbestos-containing and contaminated materials have been removed from the work area as per the scope of work. Cascade Environmental Consulting Ltd. identified several deficiencies which were immediately corrected by A&M employees. At 1630 the inspection passed and A&M was granted permission to encapsulate all surfaces within the containment. Cascade Environmental Consulting Ltd. personnel will collect final air clearance samples for the containment on October 22, 2014.

7. At 1630 hrs, Cascade Environmental Consulting Ltd. personnel departed the site for this work shift.

Benjamin Plesuk BSc, EP_T
Environmental Consultant
Cascade Environmental Consulting Ltd.
Reference: 3483X01BP

AIR MONITORING REPORT

For
A&M Abatement Services Ltd.

Stan Daniels Healing Centre
Edmonton, AB
High Risk Asbestos Abatement
October 21, 2014

Sample #	Activity	Air Volume Collected (Litres)	Sample Location	Fibre Level in f/cc (1)
1	Field Blank	N/A	N/A	Acceptable
2	Ambient Air Sample	3861	Collected from within the clean room of the 3rd floor containment	<0.01 (2)
3	Ambient Air Sample	3887	Collected from within the 3rd floor hallway; adjacent to the containment	<0.01 (2)
4	Ambient Air Sample	1433 (7)	Collected from within the clean room of the 2nd floor containment	<0.01 (2)
5	Ambient Air Sample	1433 (7)	Collected from within the 2nd floor hallway; adjacent to the containment	<0.01 (2)
6	Occupational	35.4	Collected on an A&M employee removing asbestos containing vinyl sheet flooring	0.12

1) f/cc - fibres per cubic centimeter of ambient air
2) Below the limit of detection
3) Below the limit of quantification
4) the air sample is void and could not be analyzed according to the method because it was overloaded with non-fibrous particulate
5) the air sample is void and could not be analyzed according to the method because power was disrupted during the sampling period
6) the air sample may be biased high due to construction activities generating non-fibrous airborne particulate in the adjacent areas
7) the required 3000L could not be collected since abatement activities were completed within 3hrs

Ambient air sample #2 - #5 were below 10% of the Occupational Exposure Limit (OEL) of 0.1 f/cc for asbestos as outlined in Schedule 1, Table 2 of the *Alberta Occupational Health and Safety Code* (October 2012).

Occupational sample #6 was below the maximum use concentration for powered air purifying respirators or half-face respirator equipped with P100 HEPA filters in use on this project.

Air samples were collected on a 0.8 to 1.2 micron cellulose ester filter, 25 mm diameter, conductive cowl cassette and were analyzed by Cascade Environmental Consulting Ltd. according to the NIOSH 7400A fibre counting method using a positive phase-contrast microscope.

This laboratory is accredited by the Standards Council of Canada (SCC), in co-operation with the Canadian Association for Laboratory Accreditation (CALA). The tests included in this report are within the scope of this accreditation.

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Environmental Consultant
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