

February 11, 2002

Nova Scotia Department of Environment and Labour
5151 Terminal Road
Halifax, Nova Scotia
B3J 1A1

Attention: Ms. P. Helen MacPhail
Environmental Assessment Officer

Dear Ms. MacPhail:

RE:***SHORT-TERM ASBESTOS STORAGE AREA
BURNSIDE ENVIRONMENTAL SERVICES, DARTMOUTH, NOVA SCOTIA
210.05458.001***

On behalf of Burnside Environmental Services Limited, SEACOR Environmental is pleased to submit for registration the attached Class 1 Environmental Impact Assessment for the above project. We understand that the review process will take approximately 25 to 35 days.

We are preparing to submit the advertisement to the newspapers, and will contact you shortly regarding this. We trust the information presented meets your current needs. Should you have any questions or concerns, please do not hesitate to call.

Yours truly,
SEACOR Environmental Inc.

D. Craig Chandler, M.Sc., P.Eng.
Senior Project Manager

1.0 The Undertaking

1.1 Name of Undertaking

Short-term Asbestos Storage Area

1.2 Location of the Undertaking

Burnside Environmental Services Ltd.
46 Fielding Avenue
Burnside Industrial Park
Dartmouth, Nova Scotia
B3A 1E4

2.0 Proponent Description

Name of Proponent: Burnside Environmental Services Ltd.

Postal Address: 46 Fielding Avenue
Burnside Industrial Park
Dartmouth, Nova Scotia
B3A 1E4

Telephone: 902-468-9758

Fax: 902-468-9622

Contact Person: Mr. Ward D. Fitzgerald, President

3.0 Nature of the Undertaking

3.1 Purpose/Reason

Burnside Environmental Services Ltd. requires a short-term storage site for asbestos waste, due to the fact that the Colchester Balefill only accepts asbestos waste on a biweekly schedule. Burnside Environmental Services Ltd. plans to engage in the provision of asbestos abatement services, and requires a temporary storage location for asbestos waste removed from various work sites.

4.0 Description of the Undertaking

4.1 Site Location

Please see attached Figures 1 and 2 for site location and facility plans. The facility is located at 46 Fielding Avenue in the Burnside Industrial Park, Dartmouth, Nova Scotia. Access from the site is from Highways 102 and 111 via Windmill Road and Akerley Boulevard respectively. The site and surrounding properties are zoned Commercial/Industrial. One building exists on the subject site, and several on the adjacent properties. Properties bordering the site are industrial in nature (i.e., construction companies).

Residential areas are not present within 300 metres of the site. The nearest residential areas are located in Bedford (approximately 3 km to the northwest) and Highfield Park (approximately 2 km to the southeast). A Nova Scotia Power Incorporated easement, approximately 80 metres in width, runs along the western perimeter

of the property. An embankment, approximately 15 metres in height, rises to the east of the easement. Several commercial and industrial properties are present surrounding the site.

The existing facility is currently used for the storage of construction equipment, and for the sorting and temporary storage of demolition material. The staff of the facility consists of three office staff and three yard staff. Burnside Environmental Services currently has a total of 21 employees.

4.2 Construction Details

No construction is required, as containers would be placed within an existing 2.4-metre high fences area. This area in turn is located within the existing site compound, which is also enclosed by a 2.4-metre high fence. The entire yard has an asphalt surface.

4.3 Operation

One cargo van and one cube van will be used for the transport of the asbestos containing material to the Short-term Asbestos Storage Area. All containers used for the storage of asbestos wastes will be constructed of steel, with open tops that are equipped with securely fastened nylon covers. Burnside Environmental Services Ltd. will bag all asbestos waste in accordance with provincial regulations before it is placed in the cargo or cube van. Container covers will only be open during the time in which bags are being placed into the containers. At all other times, the containers will remain covered. Prior to being removed from the generation/construction site, the exterior of the each van will be visually inspected by the driver. The driver will then transport the asbestos waste to the Short-term Asbestos Storage Area at 46 Fielding Avenue. Each van will be positioned in close proximity to the asbestos waste containers supplied by the trucking contractor, Dewolfe Trucking.

Burnside Environmental Services Ltd. staff, trained in the removal, packaging and handling of asbestos waste, will manually remove the bags of asbestos waste from each van and place them in the asbestos waste container(s). Once in the containers, Burnside Environmental Services Ltd. will no longer handle the asbestos waste. The containers will be inspected on a daily basis by the Burnside Environmental Services Ltd. staff.

A nylon tarp will be fastened over the asbestos waste containers using rubberized bungee cords, or nylon rope, fasteners. Each tarp must be fastened in at least four places on each side of the container and three places across the front and back.

The containers will be placed in the facility compound, which is enclosed by a 2.4-metre high chain link fence. The location is well lit during night hours and Burnside Environmental Services staff are on site 24 hours a day, during which at any time, 7 days a week, asbestos may be accepted at the site. In the event of an emergency, site staff notify one of two senior Burnside Environmental Services managers. Emergency contact numbers are posted on the front gate of the facility.

Absolutely no public or other commercial drop-off will be undertaken at this facility. Only asbestos waste removed by Burnside Environmental Services Ltd. and, transported by Burnside Environmental Services Ltd. vehicles, will be transferred to the proposed facility.

All shipments from the site to the Colchester Balefill facility will be tracked using the NSDEL waste manifest system. The office manager and or the vehicle driver will supervise unloading and loading of the containers.

List of vehicles

The following, vehicles will be used to transfer any and all asbestos waste containers to and from the Short-term Asbestos Storage Area:

- One regular length Ford E350 cargo van (2002 model)
- One regular length Ford E350 cube van (2002 model)

Geographical Locations Served

The Short-term Asbestos Storage Area will serve mainland Nova Scotia.

List of Receivers

All asbestos waste will be disposed of at the Colchester Balefill Facility. A long-term agreement by Colchester Balefill to accept this waste exists between Halifax Regional Municipality and Colchester County. Please contact HRM for any details required of this agreement. Disposal of asbestos wastes from the Halifax Regional Municipality at the Colchester Balefill has been carried out for several years. This is not a new undertaking.

Quantity to be Received for Short-term Storage

A maximum of two five tonne containers will be on-site at any one time. These containers will be removed from the site within two weeks of being filled. The containers will then be transported to the Colchester Balefill Facility. The Colchester Balefill only received asbestos wastes for deep burial on one day every two weeks.

Identification of Storage Facility

Any/all asbestos waste awaiting transport to the Colchester Balefill will be located inside the asbestos waste containers. The containers will be located in a fenced area, which in turn will be located within the fenced site compound.

Hours of Operation

Business hours for the proposed facility will be the same as the current operation: 24-hours a day, seven days per week.

5.0 Description of the Environment

The local terrain is described as flat to rolling with boulders and bedrock outcrops. There are no wetlands, or water supply wells within 300 metres of the short-term asbestos storage area. A municipal water supply, as well as storm and sanitary sewer systems service the site. The nearest water body is Anderson Lake and its tributaries to the east of the property.

The surficial geology of the area consists of silty, compact material derived from both local and distant sources. Bedrock is of the Halifax Formation, and is primarily comprised of slate, siltstone, and sandstone. Topography in the area slopes gradually to the west, toward Wrights Cove and Bedford Basin (approximately 800 metres from the site).

6.0 Environmental Impacts and Impact Mitigation

As asbestos is a solid, with the potential for airborne particulate, the following precautions will be observed:

- 1) All asbestos will be double-bagged by Burnside Environmental Services Ltd. The bags will then placed in one of the two vans. All packing is conducted in accordance with provincial regulations.
- 2) The bags will be transported directly to the Short-term Asbestos Storage Area and transferred directly to one of the two asbestos waste bins.
- 3) All bags containing asbestos will be enclosed in the steel container using an impermeable nylon tarp.
- 4) All containers containing asbestos will be properly placarded prior to transport according to TDG Regulations.
- 5) All Burnside Environmental Services Ltd. drivers and their approved contractors have TDGA, WHMIS, asbestos, and first aid training. All facility staff has WHMIS and first aid training.

A Contingency plan for the transport of asbestos waste has also been developed as follows:

All vehicles transporting asbestos containers are equipped with polyethylene bags, duct tape, water spray bottles for fibre suppression, a Tyvec suit and filter masks for driver protection, and a spill containment kit.

In the event that a spill was to occur (i.e., a bag or bags were to become damaged and/or removed from the container), the following would take place:

- 1) If a spill occurs during transport, the dispatch office will be notified by way of a cellular telephone (all drivers have cellular telephones);
- 2) NSDEL will then be notified by the dispatch office regarding the location and size of the asbestos spill;
- 3) Any friable asbestos material will be suppressed with water;
- 4) Support and clean up will take place, using spill supplies and additional Burnside Environmental Services Ltd. material handling equipment, as required.
- 5) If assistance is required to properly contain and remove a spill, CANUTEC will be contacted for additional support. CANUTEC has been retained by Burnside Environmental Services Ltd. to provide such services.
- 6) The location is well lit during night hours and Burnside Environmental Services staff are on site 24 hours a day. In the event of an emergency, site staff notify one of two senior Burnside Environmental Services managers. Emergency contact numbers are posted on the front gate of the facility.

All spills and releases will be promptly contained, cleaned up, and reported to the 24-hour emergency reporting system (1-800-565-1633).

7.0 Wetland Disturbance

No construction is proposed as a part of this undertaking, therefore no wetland disturbance will occur.

8.0 Project-Related Documents

Refer to Section 10.0 for information regarding related permits and approvals.

9.0 Schedule

As soon as possible, the short-term storage of asbestos waste will commence. This is necessary due to the high number of asbestos building abatement contracts that are currently underway, mainly in the Halifax and Dartmouth areas.

10.0 Approval of Undertaking

Burnside Environmental Services Ltd. seeks a Receiver number to allow the asbestos waste to be received at our facility and temporarily stored until the disposal day. Christine Hodgeson of the Central Regional Office of NSDEL, Bedford, N.S. directs issuance of Receiver numbers.

All TDGA, WHMIS, asbestos, and first aid training is in place. The company will comply with all provisions of the Nova Scotia Asbestos Waste Management Regulations. Waste Dangerous Goods Carrier registration is presently underway. An application for Approval under the Activities Designation Regulations is currently being prepared, and will be submitted in the event that the project receives environmental assessment approval, as will an application for a Waste Dangerous Goods Receiver number.

11.0 Funding

No public or other government funding is involved in the execution of this undertaking. All costs are borne by Burnside Environmental Services Ltd.

12.0 Signature of CEO and Date

Date

Signature of CEO



LEGEND

 TRANSPORT ROUTE

SCALE 1:10 000 (APPROX.)
 0 100 200 400 600 m

BURNSIDE ENVIRONMENTAL SERVICES LTD.
 46 FIELDING AVENUE
 DARTMOUTH, NOVA SCOTIA

SITE LOCATION PLAN

SCALE	DATE	MADE	CHKD	FILE NAME	JOB NO.	FIG
1:10000	01/03/02	DK	CBM	210-05458-A1.DWG	210.05458	1



LEGEND

--- SITE BOUNDARY

