

Acceptance, Handling, and Disposal of Asbestos in Landfill SOP-PW-011		
Department: Health and Safety	Prepared By: Public Works Director	
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PPE Required: CSA approved "Green Patch" safety footwear, CSA approved high visibility clothing and apparel, Safety glasses (as required), Wind socks		

Purpose:

To outline the safe operating procedures for the acceptance, handling and disposal of asbestos and asbestos containing products at the Town of Saugeen Shores (Southampton) Landfill Site.

Definitions:

- **Daily Cover:** Dirt, clay, woodchips or other materials used to cover asbestos wastes.
- **Landfill:** Southampton Landfill Site
- **Waste Hauler:** The external company or a Saugeen Shores Resident that transports asbestos material to the Landfill Site.

Responsibilities:

Director of Public Works:

- Promote awareness of this procedure among direct reports.
- Support managers, supervisors and employees with the implementation of this procedure as required.

Supervisors:

- Ensure the Asbestos Waste Handling and Disposal procedures and all of its components are being implemented, administered and enforced.
- Coach and mentor employees/each other to support the successful implementation, administration and enforcement of the procedure.
- To communicate the details/or changes of this procedure to employees.
- To communicate any contraventions of this procedure or related legislation to the Director of Public Works, where warranted.
- To implement, maintain and enforce the requirements of this procedure.
- To ensure employees receive training about asbestos hazard awareness as requested.
- Communicate the details and/or changes of this procedure with waste haulers.
- To ensure compliance with the Environmental Protection Act R.R.O., 1990 Regulation 347 s. 17 associated with the Management of Asbestos Waste.

Workers:

- Adhere to the Asbestos Waste Handling and Disposal Procedure.
- Participate in any educational and/or training sessions regarding asbestos hazard awareness.
- Report any form, of non-compliance, damage, equipment failures or concerns regarding this procedure immediately to the supervisors overseeing the operation.
- Communicate the details and/or changes of this procedure with waste haulers.

Joint Health & Safety Committee:

- A JHSC worker member will be given the opportunity to be present at the start of the occupational hygiene sampling
- Review the Asbestos Handling and Disposal Safe Operating Procedure as necessary and make recommendations for improvement.
- Support all managers and supervisors in implementation of this procedure.
- Support employee participation and involvement in this procedure.
- Ensure regulatory and legislative compliance of this procedure with the Occupational Health and Safety Act (R.S.O., 1990)

Procedure:

Environmental Protection Act R.R.O., 1990 Regulation 347 s. 17:

1. Asbestos Waste transported to the Southampton Landfill site shall,
 - a. be in a rigid, impermeable, sealed container of sufficient strength to accommodate the weight and nature of the waste, or
 - b. where the container is a cardboard box, the waste must be sealed in a six-mil polyethylene bag placed within the box
 - c. every container (box, polyethylene bags) must be free from punctures, tears or leaks;
 - d. external surfaces of every container must be free from asbestos waste

NOTE: The Town of Saugeen Shores does not accept asbestos waste in bulk unless it's in containers consisting of yellow polyethylene bags which comply with the restrictions outlined in Section 1 of this procedure.

2. The waste hauler will notify the Public Works Department 24 hours prior to delivery of asbestos waste. The Public Works contact number is 519-832-2008 or the Southampton Landfill Site is 519-797-2863. The Public Works Director, Operations Manager or Public Works Supervisor must communicate directly with the waste hauler for details of quantity and establish a pre-determined time for arrival of the waste asbestos.
3. Landfill Operators will prepare an access vehicle path for the waste hauler to dump the waste
4. The waste hauler enter the landfill via the inbound scale and will report their arrival to the landfill site attendant located at the landfill office and inform the attendant the nature of the load they are to dispose of.
5. The landfill operators will excavate an area to contain the incoming asbestos waste. The size and depth of the excavation will depend on the volume of the load(s) of asbestos being disposed of.
6. The Landfill Site Attendant will report the arrival of the waste hauler to the Operations

- Manager and landfill employees.
7. Communications of the arrival of the asbestos waste will be communicated to all on-site staff. Town of Saugeen Shores employees will be out of the area and upwind of the load during the disposal process into the excavated area until the material is dumped and covered.
 8. In the event the waste hauler delivery vehicle is not equipped to mechanically unload and the material is to be dropped into the excavation site by hand, it will be the responsibility of the waste hauler to handle this task. ***Town of Saugeen Shores employees will not assist***. The waste hauler will be required to ensure persons conducting such a task are equipped with appropriate personal protective equipment.
 9. The dumped asbestos will be covered “forthwith” with excavated garbage and/or daily cover to a minimum of 125 cm (EPA, Regulation 347 s.17 (12)).
 10. The disposed asbestos will be marked and survey for future locating purposes.
 11. In the event that a load of asbestos cannot be received in accordance with this policy due to equipment breakdowns, operational failures, incidents of legislative non-compliance and/or the arrival of asbestos waste does not align with the predetermined schedule, the hauler may be directed to bring the load back when the issues have been resolved or at another time/date when the load can be accommodated.

NOTE: Asbestos waste must also meet all regulations and guidelines established by other agencies for the transportation and disposal of this type of material, The Town of Saugeen Shores is under no obligation to accept material which does not comply with regulatory criteria.

When construction at the landfill requires excavation, the Town of Saugeen Shores will inform all contractors/employees preparing to tender the project, the possibility of contact with asbestos. The contractors will require being prepared and having the appropriate precautions, prior to the construction project proceeding, to deal with potential asbestos contact. Provisions will include wetting down the garbage being excavated to prevent any asbestos present from becoming airborne.

Protective Measures:

PPE and Equipment:

As required for the work prescribed at the Southampton Landfill which would include:

- CSA approved “Green Patch” safety footwear
- CSA approved high visibility clothing and apparel
- Safety glasses (as required)
- Wind socks

Training:

Landfill Operator/Attendant Training

Related Records and Documents:

- SSHS 6.5 Exposure Control Plan
- SSHS 3-FORM 4 Exposure Record
- SSHS 3-FORM 1 Employee Incident Investigation Report
- SSHS 3.3-FORM 1 Non Employee Incident Report Form

References – Legislative, Standards, etc.:

Occupational Health & Safety Act

- R.S.O. 1990, Ontario Reg. 278/05, Regulation Respecting Asbestos on Construction Projects and in Buildings and Repair Operations, under the jurisdiction of the Ontario Ministry of Labour.

Environmental Protection Act

- R.R.O. 1990, Ontario Reg. 347, Amended to O Reg. 501/01 – Regulation Respecting General – Waste Management under the jurisdiction of the Ontario Ministry of the Environment.