

SUMMARY OF HAZARDOUS MATERIALS – Buildings 7, 10, 10, 14, 17, and 18
Stantec Consulting Ltd. (August 9, 2013)

The following Table summarizes information obtained from the MGI, and LVM reports updated with information obtained from recent July 2013 paint and substrate sampling conducted for Building 7 and Building 18. The original reports with site plans are provided in subsequent sections within Appendix A or are available upon request. Special Waste Permits are required for all materials disposed of in PEI except for those going to C&D facilities.

SUMMARY OF HAZARDOUS MATERIALS			
Hazardous Material	Description	Condition (Recommended Removal Procedure)	Disposal Requirements
Building 7			
Lead Paint	Loose white paint chips on exterior wood trims and masonry block walls	Leachate Toxic	Material is considered leachate toxic and requires off-island disposal at an approved facility.
	White paint well adhered to wooden substrates (exterior trims, soffits, etc.)	Not Leachate Toxic	Material requires disposal at an approved facility (such as East Prince Waste Management Facility in Wellington, PEI)
	White paint well adhered to masonry block or concrete substrates	Not Leachate Toxic	Material may be disposed of at any approved C&D disposal site.
Mould	Visible Mould growth on Ceiling Insulation and Roof Trusses	N/A	Material can be disposed of at any approved C&D disposal facility unless mould growth is on substrate that contains lead paint or asbestos.
Building 10			
Lead/ Mercury Paint	Green Paint – Interior Walls	Not Leachate Toxic	Material requires disposal at an approved facility (such as East Prince Waste Management Facility in Wellington, PEI)
	White Paint – Exterior Walls, Shingles and Doors	Not Leachate Toxic	Material may be disposed of at any approved C&D disposal site.
	Grey Paint- Interior Walls White Paint – Interior Walls		
Mould	Visible Mould Growth on Walls and Ceiling Throughout	N/A	Material can be disposed of at any approved C&D disposal facility unless mould growth is on substrate that contains lead paint or asbestos.
Petroleum Hydrocarbon Staining	Top of concrete floor slab; Potentially on bottom of concrete floor slab	N/A	Material should be pressure washed to remove petroleum hydrocarbons and then disposed of at any approved C&D site or material requires disposal at an approved facility licensed to accept hydrocarbon impacted materials (such as East Prince Waste Management Facility in Wellington, PEI). Wash water must be collected and disposed of at an approved facility.

SUMMARY OF HAZARDOUS MATERIALS

Hazardous Material	Description	Condition (Recommended Removal Procedure)	Disposal Requirements
Building 14			
Asbestos	Ceiling Board, Main Room	Type 1 Removal provided boards can be removed intact, otherwise it is a Type 2 Removal	Material requires disposal at approved facility (such as East Prince Waste Management Facility in Wellington, PEI).
Lead/ Mercury Paint	White Paint – Exterior Walls and Shingles Black Paint – Exterior Doors and Stairs Brown Paint- Shelving on 2 nd Floor	Not Leachate Toxic	Material requires disposal at an approved facility (such as East Prince Waste Management Facility in Wellington, PEI)
Building 17			
Asbestos	Blanket Insulation in Chimney	Type 2 or Glovebag	Material requires disposal at approved facility (such as East Prince Waste Management Facility in Wellington, PEI).
	Tar Coating on Walls and Ceiling in Refrigeration Room	Type I Removal	
Lead/ Mercury Paint	White Paint – Exterior Shingles	Not Leachate Toxic	Material requires disposal at an approved facility (such as East Prince Waste Management Facility in Wellington, PEI)
	Grey Paint – Concrete Foundation Silver Paint – Refrigeration Room Walls	Not Leachate Toxic	Material may be disposed of at any approved C&D disposal site
Mould	Visible Mould Growth on Walls, Ceilings and Equipment Throughout	N/A	Material can be disposed of at any approved C&D disposal facility unless mould growth is on substrate that contains lead paint or asbestos
Ozone Depleting Substance	30,000 BTU Air Conditioning Unit was identified on the Main Floor in 2004. During the LVM site visit it indicates the main floor had collapsed into the basement, so it is not clear if the A/C unit had fallen into the basement or been removed.	N/A	Refrigerant should be emptied from the unit by a licensed technician prior to disposal of the equipment.

SUMMARY OF HAZARDOUS MATERIALS

Hazardous Material	Description	Condition (Recommended Removal Procedure)	Disposal Requirements
Building 18			
Asbestos	Wall and Ceiling Plaster, 1 st and 2 nd Floors	Type 3 Removal	Material requires disposal at approved facility (such as East Prince Waste Management Facility in Wellington, PEI).
	Furnace Gasket, Furnace Room	Type 2/Glove Bag Removal	
	Grey Seamless Flooring, 2 nd Floor Office	Type 1 Removal	
	Brown Seamless Flooring, 2 nd Floor Hallway and Office	Type 1 Removal	
	Beige (Brown) Vinyl Floor Tile, 2 nd Floor Bathroom	Type 1 Removal	
	Drywall Joint Compound, Throughout	Type 3 Removal	
Lead/ Mercury Paint	White Paint – Exterior Walls, Doors and Trim	Leachate Toxic	Material is leachate toxic and hence requires off-island disposal at an approved facility.
	Grey Paint – Exterior Concrete Foundation Red Paint – Interior Stairs	Not Leachate Toxic	Material may be disposed of at any approved C&D disposal site.
	White Paint – Interior 2 nd Floor Walls Cream Paint – Main Room Walls	Not Leachate Toxic	While paint is within lead disposal guidelines, plaster and drywall substrate is asbestos containing. Material requires disposal at approved facility (such as East Prince Waste Management Facility in Wellington, PEI).
	Brown Paint- Lab Counters, Wood Trim	Not Leachate Toxic	*While paint is within lead disposal guidelines, wood substrate contains pesticide residue. Material requires disposal at an approved facility (such as PEI Energy Systems Waste Plant located at 40 Riverside Dr. in Charlottetown, PE).
	All Other Painted Materials	Not Leachate Toxic	Material requires disposal at an approved facility (such as East Prince Waste Management Facility in Wellington, PEI)
Mould	Visible Mould Growth on Walls and Ceilings Throughout	N/A	Material can be disposed of at any approved C&D disposal facility unless mould growth is on substrate that contains lead paint or asbestos
Pesticide residues	Wood Trim and Lab Shelves had pesticide residues identified on them. Pesticides were not detected in any leachate samples.	Not Leachate Toxic	Material requires disposal at an approved facility (such as PEI Energy Systems Waste Plant located at 40 Riverside Dr. in Charlottetown, PE).
Petroleum Hydrocarbon Staining	Top of concrete floor slab; Potentially on bottom of concrete floor slab	N/A	Material should be pressure washed to remove petroleum hydrocarbons and then disposed of at any approved C&D site or material requires disposal at an approved facility licensed to accept hydrocarbon impacted materials (such as East Prince Waste Management Facility in Wellington, PEI). Wash water must be collected and disposed of at an approved facility.
Smoke Detectors (Americium - 241)	Throughout	N/A	Material requires disposal with a licensed hazardous waste disposal contractor.