



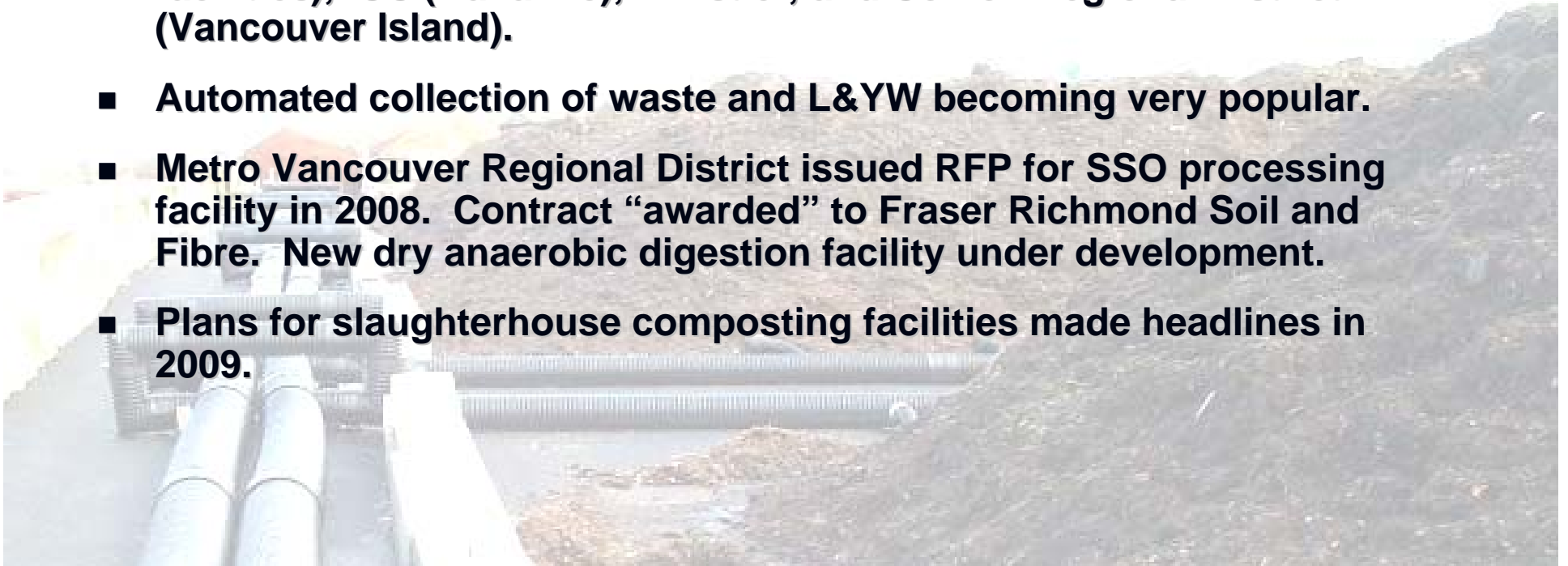
A Snapshot of Composting Across Canada

Compost Council of Canada
Montreal, Quebec
February 18, 2010

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British Columbia

- **Organic Material Recycling Regulation (OMRR) recently updated by BCMOE. Regulations are weak on operating requirements, which has lead some regional governments to enact and enforce licensing bylaws and operational standards.**
- **Several composting facilities throughout the province including Fraser Richmond Soil and Fibre (Vancouver area), City of Kelowna (2 facilities), ICC (Nanaimo), Whistler, and Comox Regional District (Vancouver Island).**
- **Automated collection of waste and L&YW becoming very popular.**
- **Metro Vancouver Regional District issued RFP for SSO processing facility in 2008. Contract “awarded” to Fraser Richmond Soil and Fibre. New dry anaerobic digestion facility under development.**
- **Plans for slaughterhouse composting facilities made headlines in 2009.**





Kamloops



Kelowna



FRSF



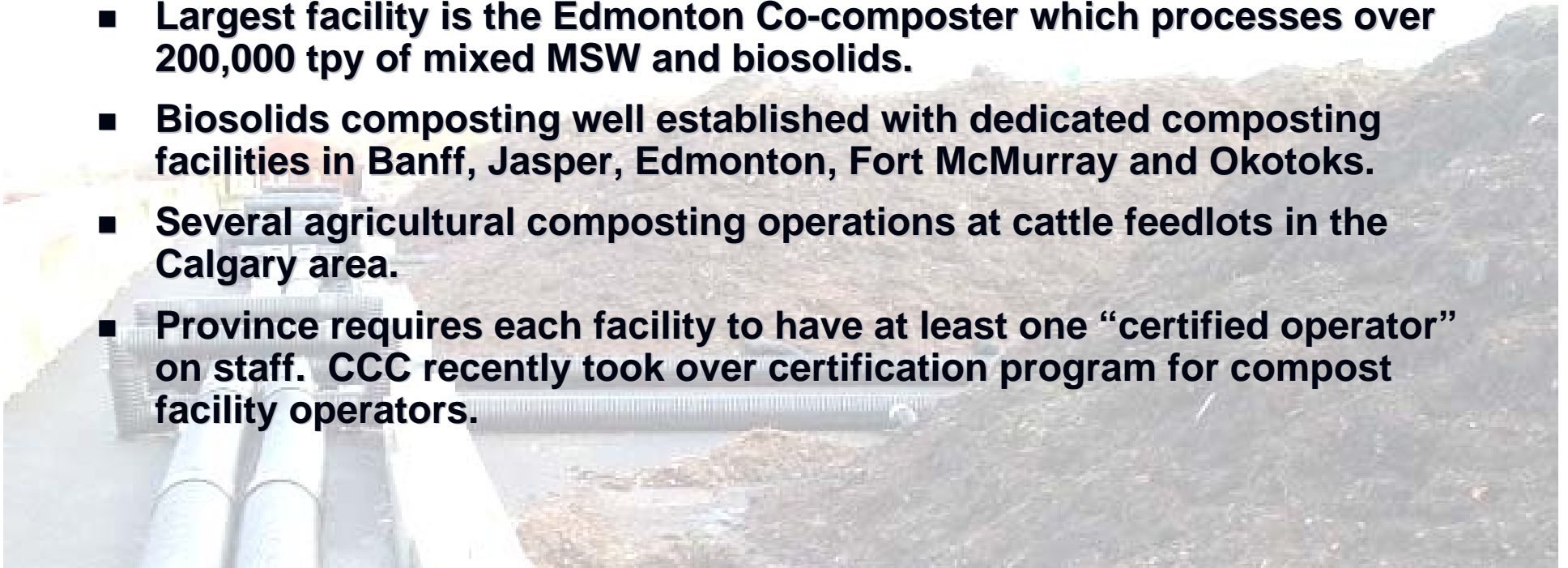
Comox



UBC

Alberta

- **New composting standards developed in 2007 through industry consultation process are expected to be adopted in 2010.**
- **Guideline and best management practice document being developed to support the new standard.**
- **Over 60 L&YW and biosolids facilities exist, ranging in size from 500 to over 200,000 tpy.**
- **Largest facility is the Edmonton Co-composter which processes over 200,000 tpy of mixed MSW and biosolids.**
- **Biosolids composting well established with dedicated composting facilities in Banff, Jasper, Edmonton, Fort McMurray and Okotoks.**
- **Several agricultural composting operations at cattle feedlots in the Calgary area.**
- **Province requires each facility to have at least one “certified operator” on staff. CCC recently took over certification program for compost facility operators.**





Banff



Jasper



Okotoks



Edmonton



Edmonton

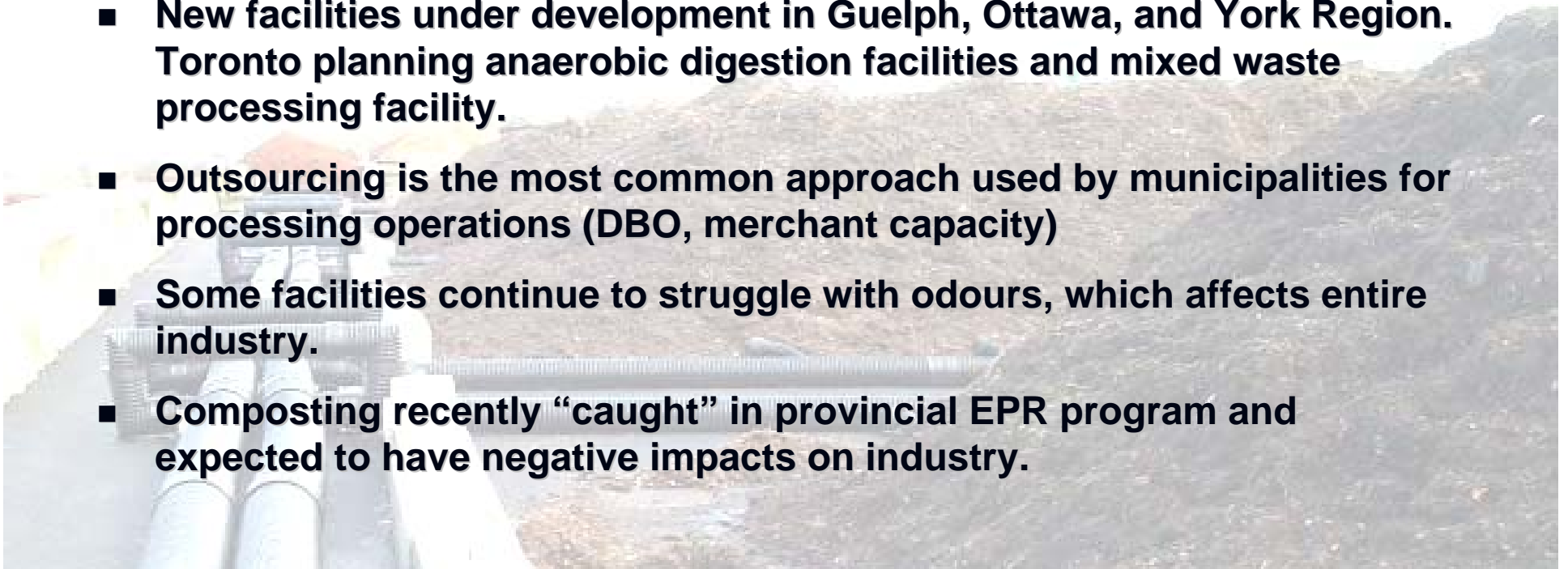
Saskatchewan & Manitoba

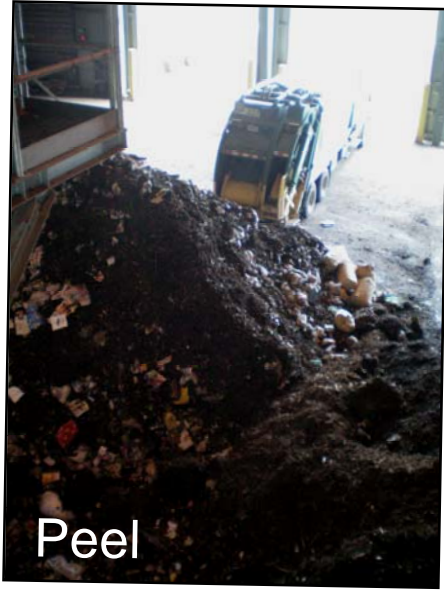
- Currently no regulations or guidelines in either province. However, both Saskatchewan and Manitoba Ministries of the Environment preparing to develop new composting regulations
- Outdoor L&YW composting programs exist in Saskatoon, Regina and Winnipeg. Programs also exist at smaller towns.
- Dedicated biosolids composting facility in Prince Albert, SK
- Saskatoon recently embarked on process to establish an new SSO collection and processing facility.



Ontario

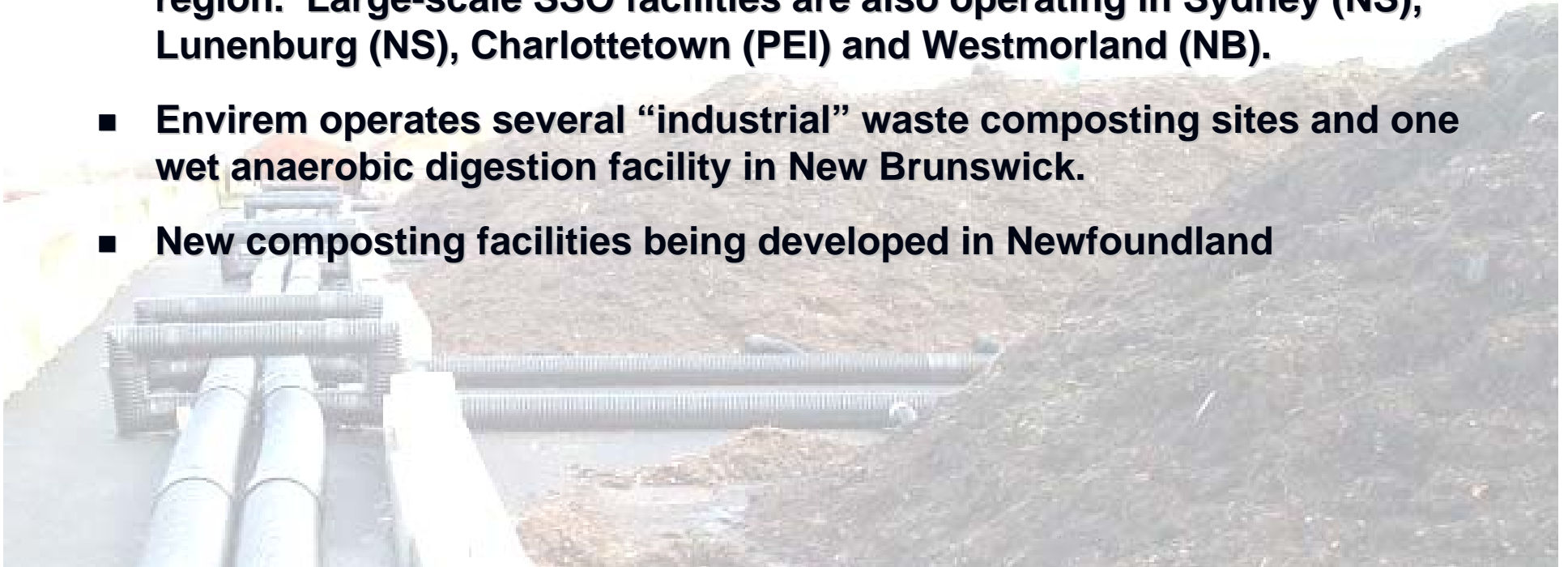
- **Composting guidelines recently updated and released for public comment. Expected to be finalized and adopted later in 2010.**
- **SSO composting quite prevalent in southwestern Ontario.**
- **Many large-scale facilities including Hamilton, Region of Peel (2), Pickering, Niagara, London. But there is still a significant deficit in processing capacity.**
- **New facilities under development in Guelph, Ottawa, and York Region. Toronto planning anaerobic digestion facilities and mixed waste processing facility.**
- **Outsourcing is the most common approach used by municipalities for processing operations (DBO, merchant capacity)**
- **Some facilities continue to struggle with odours, which affects entire industry.**
- **Composting recently “caught” in provincial EPR program and expected to have negative impacts on industry.**





Maritimes

- **SSO collection and composting well established, particularly in Nova Scotia and PEI.**
- **A province-wide ban on the disposal of compostable organic waste has existed in Nova Scotia since 1998.**
- **Two large facilities SSO composting facilities existing in Halifax region. Large-scale SSO facilities are also operating in Sydney (NS), Lunenburg (NS), Charlottetown (PEI) and Westmorland (NB).**
- **Envirem operates several “industrial” waste composting sites and one wet anaerobic digestion facility in New Brunswick.**
- **New composting facilities being developed in Newfoundland**





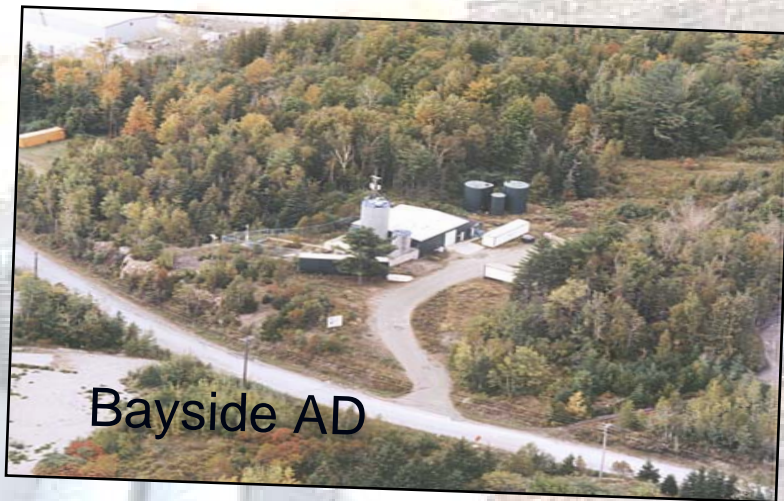
East River



New Era



CBRM



Bayside AD



ADI

Common Issues Across the Country

- Odour prevention and management
- Consistency of product quality requirements
- Lack of knowledge/understanding of CFIA requirements
- plastic bags
- building corrosion



Questions?



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