



Hamilton

Closed Landfill Monitoring

Item 7.3

Closed Landfill Monitoring

- Recycling and Waste Disposal (R&WD) manages the maintenance and monitoring at 13 Closed Landfill Sites (Sites) in the City of Hamilton (City)
- These Sites require regular monitoring as required by the Ministry of Environment, Conservation and Parks (MECP) through an Environmental Compliance Approval (ECA) and Provincial legislation to ensure the Sites are environmentally sound
- Activities at the Sites include ground water, surface water and landfill gas monitoring as well as bi-annual inspections to identify any maintenance issues that may need to be addressed

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- Five of these Sites have active leachate collection systems that need to be monitored and maintained
- One of the closed sites has a passive landfill gas collection system that is maintained and monitored
- Several Sites have identified end uses, including sports fields, walking trails and special features that the public can utilize like the Red Hill Valley turtle meeting place!
- The Upper Ottawa Site has a Bobolink and Eastern Meadowlark designated habitat as registered with the Ministry of Natural Resources
- The City continues to work with the MECP to review monitoring requirements on an annual basis based on sampling results and consultant recommendations