



Ontario First Nations
Technical Services
Corporation

Landfill Checklists

Siting Principles				
Siting Principles Best Practices	Yes	No	Don't Know	Recommended Changes (if any)
Is the landfill separated from nearest individual dwelling and well by at least 100m and from the nearest residential development by at least 300m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill separated from the nearest water wells by at least 300m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill separated from the highway by at least 100m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill separated at least 1m above the groundwater table?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill sloping away from the active face and well-drained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill screened from public view by trees or other shrubbery?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill located on soils that have low permeability such as clays or silts?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill separated from the perimeter of a wellhead protection zone of a municipal or community water supply by 300m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the landfill separated from streams, lakes and rivers by at least 3m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Is the landfill separated from highways by at least 100m?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Groundwater	Yes	No	Don't Know	Recommended Changes (if any)
Were geologic and hydrogeologic conditions tested before the landfill was established, including testing the quality of the groundwater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is water quality tested and monitored?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
To the best of your knowledge Is the water table located at least 1m below the waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Landfill Site				
Landfill Site Design Features	Yes	No	Not Required	Recommended Changes (if any)
Are roads easy to access and well-maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there at least a 30m buffer zone between the landfill and any other land use (preferably 100m)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there sufficient signs to allow landfill users to easily understand the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there a lockable gate preventing unauthorized access to the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there a fence which prevents unauthorized access to the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there a fence or other screening to contain windblown litter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there clearly designated areas for scrap metal, tires, wood, etc?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Is there any unacceptable waste deposited into the landfill (hazardous waste)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is cover placed on the wastes daily in order to contain windblown litter?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Where waste is segregated, are there clearly designated areas for scrap metal, tires, etc?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Operations and Maintenance				
Operational Processes	Yes	No	Not Required	Recommended Changes (if any)
Are you using the trench method, area method or a combination?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the waste deposited into cells of manageable size (2m in height and 15m to 20m in width)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is waste regularly compacted and covered?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
What material are you using for daily cover?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is environmental monitoring and reporting taking place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there issues with illegal dumping?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there issues with illegal burning?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there procedures in place to control vermin and vector?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is landfill operating equipment suitable and well maintained?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there contingency plans in place?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is staff available during opening hours?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Is there safety equipment for staff and site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have a plan in place for winter operations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have restricted hours of operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there a program in place to keep unacceptable waste out of the landfill?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there a suitable shelter for staff at the landfill site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do landfill attendants regularly inspect the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are there practices in place for litter control?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do you have a plan for site closure?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Summary				
Overall condition of landfill site				
Best features of this landfill				
Overall recommendations				

Landfill Workday Site Inspection Checklist

	Good Condition	Problems	Details
Gates	Locked <input type="checkbox"/>	Damage <input type="checkbox"/>	
Fences	Clear of litter <input type="checkbox"/>	Damage <input type="checkbox"/>	
Signs	Up to date <input type="checkbox"/>	Damage <input type="checkbox"/>	
Working face	Tidy waste cells <input type="checkbox"/>	Hazardous waste <input type="checkbox"/> Ponding water <input type="checkbox"/>	
Equipment	Good condition <input type="checkbox"/>	Damage <input type="checkbox"/> Missing equipment <input type="checkbox"/>	
Litter	Minimal <input type="checkbox"/>	Cleanup required <input type="checkbox"/>	
Segregation areas	Tidy <input type="checkbox"/>	Improper placement <input type="checkbox"/>	
Illegal dumping	None <input type="checkbox"/>	Non-resident <input type="checkbox"/> Outside gates <input type="checkbox"/> Unacceptable material <input type="checkbox"/> Animal carcass <input type="checkbox"/>	

Operations and Monitoring Checklist

Note: tasks and frequency should be adjusted to fit each individual situation.

Daily			
Unlock gates		Collect waste	
Inspect site		Place waste into active cell	
Tidy site		Cover waste	
Assist with public drop-off		Compact waste	

Weekly			
Clean up litter		Collect waste	
Safely burn stockpiled clean wood		Place waste into active cell	
		Cover waste	
		Compact waste	

Seasonally			
Organize major litter cleanup			
Arrange for equipment to manage seasonal impacts: Spring: wet conditions Winter: snow removal Summer: dust control			
Arrange for equipment to safely burn stockpiled clean wood			
Arrange collection of stockpiled materials			
Maintain stock of cover materials			
Clear and repair drainage features			
Sample and test water quality			

Annually			
Renew safety training			
Sample and test water quality			
Prepare monitoring report			
Update contingency plans			