



Commission of Inquiry
The current status and management of final waste

Questionnaire for disposal site managers

This questionnaire is intended for managers of engineered landfills (EL), construction or demolition waste landfills (CDWL), trench landfills (TLs) and incinerators.

The questionnaire is divided into five sections:

1. Disposal site identification
2. Operational characteristics of the disposal site
3. Profile of materials received at the disposal site
4. Future of the disposal site
5. Integration of the disposal site into the receiving environment



INFORMER

This fillable PDF form enables the data to be saved.



CONSULTER

Once completed, click on the **Send** button at the end of the questionnaire or send it directly by email to the following address: questionnaire.gru@bape.gouv.qc.ca

For follow-up purposes, please complete the following sections:



ENQUÊTER

Name:

Position/Title:

Telephone:

E-mail:



AVISER

Contact person for the Board, if different from the respondent (*nominative information not published*)

Name:

Position/Title:

Telephone:

E-mail:

Commission of Inquiry
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Questionnaire for disposal site managers

Questionnaire completed on:

However, some questions are intended to address only certain types of disposal sites. In this case, the type(s) of disposal site(s) are specified at the beginning of the question, for example **(Incinerators)** or **(EL, CDWL and TLs)**.



INFORMER



CONSULTER



ENQUÊTER



AVISER

(1 of 5) IDENTIFICATION OF THE DISPOSAL SITE

1. Type of disposal site:

Engineered Landfill (EL)

Construction or Demolition Waste Landfills (CDWL)

Trench Landfill Sites (TLs)

Incinerator

2. Name of the owner:

3. Address of disposal site:

**4. Third party operation of disposal site
(other than the owner)**

Yes

No

If Yes, please specify:

4.1 Name of the operator:

4.2 Year of the start of operation by same:

4.3 Period covered by the current operating contract
(e.g., 2018-2022)

**5. Number of full-time employees working at the disposal site
in 2020:**

6. Currently authorized operations

- 6.1 Decree or authorization number:
- 6.2 Beginning of the authorized operating period (year):
- 6.3 End of the authorized operating period (year)
(put NA and not applicable):
- 6.4 **(EL, CDWL and TLs)**
Authorized capacity or area:
- 6.5 **(EL, CDWL and TLs)**
Maximum annual tonnage of residual material allowed
(put NA if not applicable):

7. Previous activities at the disposal site

- 7.1 Year of the start of operations at the disposal site:
- 7.2 **(EL, CDWL and TLs)**
Cumulative authorized capacity or area since the start of operations:
- 7.3 **(EL, CDWL and TLs)**
Cumulative capacity or area used since the beginning of operations
as at December 31, 2020:

(2 of 5) OPERATIONAL CHARACTERISTICS OF THE DISPOSAL SITE

1. **(EL and CDWL)**

Type of landfill development on the area currently in operation:

- Site in clay
- Site with geomembranes
- Mixed site (geomembranes and clay)
- Quarry site

2. **(EL, CDWL and TLs)**

Is there a biogas collection system at the landfill site?

Yes

No

If Yes, please continue, otherwise go to question 4

2.1 Which type of biogas collection system is used?

Passive

Active

2.2 Does it cover the entire landfill site?

Yes

No

If the system is active, please specify for the year 2019

2.3 The volume of biogas captured (m³) from the entire landfill site

2.4 What percentage of this biogas is burned (flare)?

2.5 What percentage of this biogas is recovered?

Explain how this biogas is valorized by specifying, if applicable, the names of the users and the method of reclamation. Please add the amount of energy (GJ) that this reclamation represents.

3. (Incinerators)

Is energy recovery associated with the process of incineration?

Yes

No

If Yes, please explain how this recovered energy is used (electricity generation, sludge drying, building heating, steam, other), specifying, if applicable, the names of the users, the method of recovery and the amount of energy recovered (GJ).

4. If waste management infrastructures other than the one that is the subject of this questionnaire are present at the disposal site or in the direct vicinity (radius of approximately 1 km), please complete the table, specifying whether you own and/or operate them:

Waste management infrastructure	Presence	Ownership	Operation
Ecocentre			
Sorting center - Recyclable materials			
Sorting center - Construction, renovation or demolition waste			
Unit for (pre-) treatment of residual materials received			
Type of (pre) treatment: specify			
Biomethanization unit			
Composting site			
Other infrastructure			
Nature of the infrastructure: specify			

(3 of 5) PROFILE OF MATERIALS RECEIVED AT THE SITE OF DISPOSAL

For this section as a whole, please provide data for the calendar year 2019.

1. Please break down by RCM* or Indigenous territory the tonnage of residual materials received for disposal.

*RCM includes agglomerations and local municipalities exercising RCM jurisdiction

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2. (EL, CDWL and incinerators)

Did a portion of the residual materials received for disposal in 2019 come from transfer stations? Yes No

If Yes, please identify the transfer stations from which the residual materials received originated and specify for each of them the annual tonnage received in 2019.

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3. (EL, CDWL and TLs)

Do you store contaminated soil or other residual materials intended to be used as cover material at the disposal site (storage area, storage platform, other)?

Yes No

If Yes

3.1 What is the capacity of this storage facility?

3.2 Is an expansion of this facility being considered?

Yes No

If Yes, what is the expected storage capacity?

If No

3.3 Is such a facility being considered?

Yes No

If Yes, what is the expected storage capacity?

4. To understand the trucking associated with disposal site activities, please complete the following table:

Total number of trucks entering the disposal site to unload materials for disposal or recovery in the year 2019:	
Of these, please specify the number of trucks:	
– Transporting residual materials:	
– Transporting soils or materials for covering (if applicable):	
– Coming from transfer stations (if applicable):	
– Being owned or operated by the owner or the operator of the site:	

(4 of 5) FUTURE OF THE DISPOSAL SITE

1. (EL, TLs and incinerators)

Is a disposal capacity expansion project currently in the approval process?

Yes No

If Yes, please specify the capacity and duration of operation requested

2. **(EL, CDWL and TLs)**

As of December 31, 2020, what is your estimate of the landfill's residual capacity for the next 20 years?

Please specify the elements on which you are basing this estimate by distinguishing, in the case of an ongoing expansion project, whether it is with or without this project:

3. **(EL, CDWL and TLs)**

What is the estimated end of life date for the landfill?

Explain, if necessary, the elements bringing you to this estimate:

4. **(Incinerators)**

As of December 31, 2020 and within the current ownership, what is your estimate of the "remaining life" of the facility? years

Explain, if necessary, the elements on which you are basing this assessment:

5. **Within the next 20 years, please specify the various options for adding new waste disposal capacity to the disposal site (available land, compacting, operating over closed sections, technological change, other) and the tonnage that these solutions intend to add?**

6. Within the next 20 years, please specify if infrastructure development projects related to residual materials and other than disposal (eco-center, transfer station, sorting center, composting, biomethanization, other) are planned at the disposal site?

7. What could be the effect on the disposal site (operations, costs, residual capacity, etc.) of a significant decrease in residual materials (especially organics) over the next 20 years?

8. Has the process of thinking and planning for post-closure remediation or rehabilitation of the disposal site been initiated?

Yes

No

8.1 Year of the start of the process:

8.2 Please specify the type(s) of post-closure use(s) currently being considered (park, recreational, forestry, agri-environmental, natural habitat, etc.).

(5 of 5) INTEGRATION OF THE DISPOSAL SITE INTO THE RECEIVING ENVIRONMENT

1. Hosting environment

1.1 Distance in km from the nearest residence:

1.2 Distance in km from the nearest sensitive receiver
(school, hospital, home for the elderly, other):

1.3 Distance in km from the urbanized perimeter:

1.4 Municipality to which the nearest urbanized perimeter belongs:

1.5 Has a study been carried out in the last 10 years with respect to the
nuisance (e.g. as part of an impact study or an environmental
monitoring process)?

Yes

No

If Yes,

1.5.1 specify the document references:

1.5.2 According to this study, what would be the total number of residences (houses,
apartments, farms or businesses) potentially exposed to at least one nuisance (noise,
odours, transportation, air emissions, other nuisances)?

2. Vigilance or monitoring committee

2.1 Do you have an active vigilance or monitoring committee?

Yes

No

If Yes

2.2 Are the minutes of the meetings public?

Yes

No

2.3 If available, please provide the URL of the vigilance or monitoring committee's site:

3. Nuisance control and monitoring

3.1 Please list your major implemented nuisance control measures.

3.2 Do you have an alert system (odors, noise, other nuisances) for people living near the disposal site?

Yes

No

If Yes, briefly outline the details of the system and provide the relevant web link if necessary.

4. Complaint(s) management

4.1 Is a complaint form available?

Yes

No

If Yes, briefly explain the complaint management procedure, including feedback following the formulation of a complaint.

4.2 Is a record of complaints kept up to date?

Yes

No

If Yes

4.2.1 Does this record include complaints received by the municipality, the RCM, the transportation company or the MELCC?

Yes

No

4.2.2 Can the complaints it contains concern a facility on the site other than the disposal site itself (eco-centre, sorting center, etc.)?

Not
applicable

Yes

No

4.3 Has a review of the complaints received by the manager in 2019 been undertaken?

Yes

No

If Yes, please specify the total number of complaints received during the year 2019 and break them down according to the following themes (Odour, Noise, Traffic, Gulls or Other Animal Nuisance, Air Emissions, Other)

4.3.1 Is this report made public?

Yes

No

If Yes, how is it made public?

5. Do you have programs, policies, protocols or framework agreements related to:

The granting of individual compensation in connection with the nuisances? ☐

Yes

No

A buyback of existing residences?

Yes

No

Resale value protection?

Yes

No

If you answered Yes to any of the above options, what are the eligibility criteria for these programs?

6. Does the disposal site finance one or more community, conversion, diversification or other funds? Yes No

If Yes, provide a list, briefly outlining the governance of the fund, amounts and uses in 2019.

7. Is a differentiated/preferential rate on waste disposal or management fees applied for the municipality(ies), MRC or First Nation hosting or neighbouring the disposal site? Not applicable Yes No

If Yes, please specify which one(s), detailing the nature of the preferential rate granted?

8. Apart from the preferential rate mechanism, do you have other agreements with one or more municipalities, MRCs or First Nations directly related to disposal site activities (fixed amount paid to a municipality based on the tonnage received at the disposal site, annual contribution for the implementation of the PGMR, other) Not applicable Yes No

If Yes, please specify which one(s)?