

CONSOLIDATED APPLICATION FOR ENVIRONMENT ACT PERMITS – AKA YOUR SPECIAL WASTE PERMIT

Introduction

- Special wastes can negatively affect human health and the environment if they are not handled and disposed of properly.
- Improper handling of special waste can cause soil, groundwater and surface water contamination, air pollution, direct poisoning to people and wildlife, and fires and explosions.
- The Special Waste Regulations ensure that special wastes are safely and responsibly handled, stored, transported and disposed of.
- Common special wastes in Yukon include used lubricating oil, used antifreeze, dead batteries, and leftover cleaners, solvents, paints, pesticides, industrial chemicals, and petroleum products.

Do you require a Special Waste Permit?

Under the Special Waste Regulations, a permit is required by companies and individuals who generate, dispose, collect, transport or otherwise handle special waste generated through business activities if:

- A. greater than or equal to the following quantities of special waste are handled
 - a. In the case of waste oil, 20L;
 - b. In the case of other liquid special wastes, 5L;
 - c. In the case of one or more solid special wastes, 5kg; or
 - d. In the case of a mixed solid and liquid special waste, 5kg or 5L.
- B. over the course of 30 days, or stored onsite at any one time

If you are generating special waste below the limits above, storing it on your property and then transporting it to a licensed facility (or having someone licensed to transport transfer it for you), you do not need a permit.

You do not need a permit to:

- transport or dispose of asbestos, but you do need for follow occupational health and safety regulations.
- generate, store, transport or collect treated wood
- transport rechargeable or single-use, end of life batteries up to 5kg each to a recycle collection location (except for car batteries)
- transport household-generated special waste to a permitted facility

What permit do I need?

There are two (2) different types of special waste permits depending on the activities being undertaken.

1. Special waste generator permits are issued to businesses or individuals that generate special waste through commercial activities. This permit also authorizes the transport or

disposition of your own special waste. To be permitted to transport special waste, a spill response plan must be submitted with the permit application.

2. Special waste facility permits are required when businesses or individuals collect special waste generated by other persons or businesses.

Placer mines generating enough waste to require a permit must fill out a Consolidated Application for Environment Act Permits for Operations with 1 to 9 people, or for operations with 10+ people, as appropriate – NOT the *Application for a Special Waste Permit*.

When do I apply for my permit?

If you will be generating enough special waste to require a permit, and you have obtained your YESAA approval and your water license, you can apply for your special waste generator permit. A fillable PDF can be found at <https://yukon.ca/en/get-special-waste-permit>. There is one form for businesses with up to nine people on site day-to-day and a different form for 10+ people involved in day-to-day operations:

- <https://yukon.ca/en/consolidated-application-environment-act-permits-operations-1-9-people>
- <https://yukon.ca/en/consolidated-application-environment-act-permits-operations-10-people>

You may submit your Consolidated Application prior to receiving YESAA approval, but no permit will be issued until your YESAA/water license is issued. YG uses the date on your other permits to determine how long your special waste permit will be valid (up to 5 years).

Permit applications can be submitted by email, mail or in person at 10 Burns Road Whitehorse.

Email: envprot@gov.yk.ca

Mail: Environmental Protection and Assessment

Government of Yukon

Box 2703 (V-8)

Whitehorse Yukon Y1A 2C6

Tip: Having your YESAA permit and water license on hand when filling out your application will save you time as there is a lot of common information required.

Do I need to fill get a permit for each of my mining sites?

You can apply for each site individually. But, if you have two or more locations that have identical information, you can fill out one Consolidated Application and attach the Part 1.0 site information for each location on a separate sheet, and a site plan sketch for each location.



**CONSOLIDATED APPLICATION
FOR ENVIRONMENT ACT PERMITS
FOR OPERATIONS WITH 10+ PEOPLE**

A shorter version of this consolidated application form has been prepared for operations with 9 or fewer people. If your operation has 9 or fewer people, please complete the Consolidated Application Form for Environment Act Permits for operations with 1-9 people.

- Applicants should ensure that they:
 - are familiar with the *Air Emissions Regulations, Solid Waste Regulations, and Special Waste Regulations* under Yukon's *Environment Act*;
 - complete all applicable sections of this form, legibly printing or typing all information;
 - complete the signature block at the end of this form and;
 - submit all required attachments.
- A pre-permit inspection may be conducted prior to the issuance of any permit.
- Additional information may be required upon receipt of this application.
- Payment of a technical review fee may be required prior to the issuance of this permit.

Important note: This form consolidates requirements on the standard application forms for Air Emissions, Solid Waste, and Special Waste permits that are relevant to activities expected to be most commonly carried out at commercial/ industrial operations. This consolidated form is not designed to be used in all situations and has been provided as a convenience only.

It is the responsibility of the applicant to ensure that they obtain all required permits for their activities under the *Environment Act* and all other relevant legislation and regulations.

Read carefully and fill out all sections. Attach additional pages as required

Part 1.0 – Contact and site information	
The applicant is the person or business in whose name the permit will be issued. This form may be filled out and signed by either the individual carrying out the permitted activity(ies), a representative of the business carrying out the permitted activity(ies), or a consultant/contractor working for them provided that they have written permission from the applicant to do so on their behalf. In that case, attach the written authorization to this permit application.	
A. Name and address of applicant	
Business name or government agency/branch/department	Phone
Contact name and position/title	Fax
Mailing address	Postal code
Email	

1.0A: Your legal business name. The contact must be someone authorized by your business to be responsible for the permit and the waste management activities. If this is a contractor, they require written permission from you to apply on your behalf; attach to the application. If possible, include an email, it is YGs preference to contact that way.

Information is being collected, used and disclosed under the authority of Part 6 of the *Environment Act*, (S.Y. 2002, c.76, s.84). This information will be used to determine eligibility to obtain Air Emissions, Solid Waste and Special Waste permits and for research, statistical and enforcement purposes. Information collected on this form is pursuant to the *Access to Information and Protection of Privacy Act*, S.Y. 2002, c.1, s.1 and may be disclosed. For further information, please contact Environmental Protection and Assessment, Environment, Government of Yukon, P.O. Box 2701, Whitehorse, YT Y1A 2C6, 867-667-5683 or 1-800-661-0508 ext 5468, or envprot@gov.yk.ca.

Tip: If you are operating two or more sites with identical special waste plans, you can submit one Consolidated Permit Application. Attach location information for each site, as requested in Section 1.0 below, on a separate sheet, as well as site plans for each location.

B. Who is directly responsible for the activity(ies) requiring the permit? (For multiple contacts, list on separate sheet.)
 Same as (A) above, or:

Business name or government agency/branch/department	Phone
Contact name and position title	Fax
Mailing address	Postal code
Email	

C. Where is the site located? (For multiple site locations, list on a separate sheet.)

Street address (civic address)

Legal address

Geographic coordinates (centre of site in lat/long, UTM [specify zone] or Yukon Albers)

D. Who owns the land on which the activities are being carried out? (For multiple site locations, list on a separate sheet.)
 Same as (A) above, or:

Name	Phone
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If 10 or more people, contact the Environmental Programs Branch for the proper application form(s).

E. If the land is within municipal boundaries, what is the zoning of that land? (For multiple site locations, list on a separate sheet.)

Applicants must comply with municipal bylaws and ensure they are aware of any restrictions on activities in zoned areas.

F. What is the typical number of people directly involved with the commercial aspects of this project that will be staying at the site at any one time?

If nine or fewer people, contact the Environmental Programs Branch for the proper application form.

G. What is the maximum number of people directly involved with the commercial aspects of this project that will be staying at the site at any one time?

H. What are the months and dates of operation for this project?

I. Which of the following activities are to be undertaken by the applicant at the site location? Check all that apply. If you are undertaking an activity that is not listed here, you may need to fill out a different form.

Solid waste

Transferring solid waste offsite (fill out sections 2.0 and 2.1)
 Burning solid waste on site (fill out sections 2.0 and 2.2)
 Incinerating solid waste on site (fill out sections 2.0 and 2.3)
 Burying solid waste (including ash) on site (fill out sections 2.0 and 2.4)

Burning of solid waste occurs in a trench, pit or barrel while incineration uses equipment where the air intake and combustion temperature can be controlled.

1.0B: This is referring to the organization/individual that is actively mining. It may be your company and the same as above, or it could be a contractor or supervisor in charge of a particular mining site.

1.0C: Street address can be a creek or mine name, water or mining license number.
 Legal: is usually the quad.

1.0D: Owner is the landowner or the registered holder of the grants/claims. If this is not the applicant, you need a letter of permission included with this application.

1.0E: Provide zone type only when mine is within municipal boundaries

1.0F: Usual number of people staying/working onsite and involved in day-to-day operations

1.0G: Maximum number of people staying/working onsite and involved in day-to-day operations, does not include contractors temporarily onsite, family visiting, etc.

1.0H: The months you are expecting to work

Definitions

Solid waste includes waste from residential, commercial, industrial or other human-related activities or sources, ex. typical household and commercial garbage, and waste from building demolition and construction.

Special waste includes waste or used oil, antifreeze, brake fluid, etc., as well as dangerous goods no longer used for their original purpose

1.0I: Check as many as apply. Any practice not listed here may require another form.

YG order of preference for solid waste:

1. Transferring solid waste offsite
2. Burning on site
3. Incinerating on site
4. Burying on site

Depending on your responses, additional sections in Part 2 need to be filled out.

Special waste (hazardous waste) (e.g., waste oil, waste antifreeze, waste brake fluid)

Generating, storing or transporting special waste (fill out section 3.0)

Disposing of waste oil on site in a waste oil burner (fill out sections 3.0 and 3.1)

J. Is your project subject to review under the Yukon Environmental and Socio-economic Assessment Act (YESAA)?

Yes. YESAA project number or the date the application will be submitted: _____

OR water license number: _____

No

For projects that are assessable under YESAA, applications will be reviewed and held on file until a Decision Document has been issued for the project.

K. Attach:

A site plan sketch, including the expected location of:

Camp facilities Solid waste storage area(s)

Solid waste burial, burning, and/or incineration area(s) Special waste storage area(s)

Waste oil burner/incinerator

The nearest water bodies, residences, roads, and other adjacent land uses.

Applicants that have prepared a Mining Land Use Approval Application may use their site plan sketch and claim diagram, as long as the above locations are noted (if relevant).

Part 2.0 – Solid waste

A. What are the types and volumes of solid waste generated or handled at this site, and what will be done with them? An expected average is approximately 2 kg of waste generated per day per person.

Type of solid waste	Kg/day	Transfer off site	Bury	Burn	Incinerate
Food waste		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cardboard and other paper-based waste		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastics and other packaging		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recyclable containers and packaging		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction/demolition waste		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total amount of solid waste					

B. How and where will the wastes be stored prior to transfer, burial, burning or incinerating (e.g. kitchen wastes will be stored in a metal shed 100m from the kitchen; C and D wastes will be taken directly to the burial pit, etc.)?

C. Identify the type(s) of security / wildlife control measures that are in place at this site:

Fence (describe the type and height of fence): _____

Electric fence (describe the type and height of fence): _____

Signs (describe wording and locations): _____

Attended gate (identify hours of operation): _____

Other: _____

1.0I: YG order of preference for special waste is:

1. Storing and transporting
2. Disposing in a waste oil burner onsite*

Any special waste generation requires filling our Part 3.

*There is no current ban on incinerating or open burn, even modified or self-designed units, unless your water license prohibits it. Any incinerator must have controlled air intake and combustion. In consideration of a potential future ban, getting incinerator approved is suggested.

1.0J: Select yes only if your project is under a current YESAA assessment. The project # or water licence # are important because YG will use the YESAA expiration date to determine the length of your special waste permit.

1.0K: This will look similar to the sketch you did for YESAA. If you have a mining land use application, you can use the site plan sketch/claim diagram with the following additions:

- Location of the waste disposal activities you checked off in section I above (ex. burial location, burn location, etc.)
- The distance between these activities and nearby waterways
- A symbol legend
- Scale of map (the map does not have to be perfectly to scale, making note of the distance between these activities and water sources is key)

2.0A: Estimating total 2kg per person onsite per day, estimate how much of each waste type you will generate and identify how you will manage each type. Add more kg if major changes, like deconstructing camp, are planned.

2.0B&C: It is important to demonstrate that you are working to keep camp free of attractants. For most activities bear proofing is required, questions B and C as you to demonstrate how you will provide secure storage and implement wildlife control measures. Electric fencing is usually required for burying, burning and incinerating waste; fencing will be inspected.
Ex. every day we will move kitchen scraps to the burial pit, the burial pit is within an electric fence 100m from the kitchen, or, kitchen scraps will be stored in a metal shed 100 meters from the kitchen until they are burned and the ash buried.

D. Describe any plans for waste segregation or recycling, such as placing recycling or compost bins in common areas.

E. Describe any environmental monitoring of the land, air or ground / surface water that will occur during the project.

Part 2.1 – Transferring solid waste off site

A. To which permitted solid waste disposal facility will the wastes be transferred for disposal?

Be aware that solid waste facility operators reserve the right not to accept wastes originating from outside their jurisdiction.

Part 2.2 – Open burning of solid waste

A. How often will burning occur?

B. Describe the method that will be used to burn the solid waste (e.g., trench, drum, burning vessel). If different methods will be used for different waste types, specify. If you are planning to use any accelerants, describe.

C. Identify which of the following actions (if any) will be taken to monitor the release of contaminants into the air:

Continuous monitoring of point-source emissions
 Ambient air quality monitoring
 Other, specify: _____

D. What will be done with the ash generated from burning?

Transferred to a permitted solid waste facility.
 Buried onsite: fill out part 2.4 of this form as well.
 Other, specify: _____

Part 2.3 – Incineration of solid waste

A. How often will incineration of waste occur?

B. Provide the following information for the incinerator, if known:

Manufacturer	Make/model #	Year
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Include, as an attachment, the manufacturer's specifications for the incinerator, including diagrams and/or pictures as available.

C. Identify what measures (if any) will be taken to reduce the concentration of contaminants in the air emissions. Provide manufacturer's specifications (as an attachment) for any emissions control equipment to be used, if available.

D. Identify which of the following actions (if any) will be taken to monitor the release of contaminants into the air:

Continuous monitoring of point-source emissions
 Stack testing
 Ambient air quality monitoring
 Other, specify: _____

Page 4 of 7

2.0D: Describe any recycling or compost implemented onsite.

2.0E: If you are required by YESAA to undertake monitoring work, describe what and how you are monitoring here.

2.1: Confirm where you will transfer waste.

2.2:

a. Daily, weekly, monthly?
b. If different burn methods are used for different solid waste types, provide details here. Permit conditions may allow for 500 mL of accelerant per burn, but you must indicate here that accelerants are planned, if not, you cannot use them.
c. Options include measurements from your incinerator, ambient air quality monitoring equipment, visual check (colour/size) of plume or cloud.
d. Detail how ash will be managed. An example of "other" is using in your garden.

2.3:

a. Daily, weekly, monthly?
b. If your incinerator is homemade, it will be listed above in 2.1B as a method used to burn solid waste.
c. Provide manufacturer's stated specifications re: air emissions for your incinerator; detail any emissions control equipment being used, including scrubber filler filters, dual chamber incinerators, tech equipment, only burning certain types of waste, etc.
d. If you are monitoring the release of contaminants, identify how you are monitoring – even if completed by a contractor. If there are requirements through YESAA for how to monitor, ensure those techniques are identified here.

E. What will be done with the ash generated from incinerating?

Transferred to a permitted solid waste facility
 Buried onsite: fill out part 2.4 of this form as well
 Other, specify: _____

Part 2.4 – Burial of solid waste on site

A. Confirm that the proposed solid waste or ash burial site will meet the following setbacks:

100 m from the high water mark of any waterways if a burial cell is <=50m² in area
 300 m from the high water mark of any waterways if a burial cell is >50m² in area
 300 m away from any drinking water well"
 100 m from an unstable area
 Not located in a 100-year floodplain

Will the proposed solid waste or ash burial ground be constructed on permafrost? Yes No
 If yes: Are there other suitable locations that are permafrost-free? Yes No

B. Provide information on the construction of the burial pit or cell (e.g., depth and dimensions of the pit, soil type, soil permeability, thickness of liner, etc.).

C. What is the depth to groundwater at the burial location?

The bottom of the burial pit must be at least 3m higher than the seasonally-high groundwater level

D. What material will be used to cover the buried waste on a regular basis and how often will it be applied?

E. Describe plans to decommission the burial pit when it reaches capacity, including the type and amount of material that will be used to cover the buried waste. All burial pits must be decommissioned in accordance with guidelines developed by the Environmental Programs Branch.

Part 3.0 – Special waste

A. Will the applicant be handling any special wastes generated by others?

Yes: complete the application for a special waste management facility and proceed to Part 4.0 of this form.
 No

B. List the types of special wastes that are expected to be generated at the site, the amount generated on a monthly basis, and whether they will be disposed of or treated on site, or transported to another location.

Waste type	Amount generated per month (include units; e.g., litres)	Transported offsite by the permit applicant	Transported offsite by a different person or company	Disposed or treated onsite
Waste oil		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste lead-acid batteries		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste antifreeze		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste solvents		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste diesel fuel		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Waste gasoline		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

All persons and companies transporting special wastes in the Yukon must be permitted. You can confirm that a person or company is permitted to transport special wastes by asking for a copy of their permit or checking with Environment Yukon.

Detail how ash will be managed. An example of "other" is using in your garden.

2.4A: There are 4 important criteria that need to be met when choosing a burial site:

- 100m **or** 300m from the high water mark depending the size of the burial cell.
- 300m from any drinking water well
- 100m from an unstable area
- No within a 100 year floodplain

If you cannot check off these 4 criteria, you will need to justify why not.

Permafrost should not be disturbed, even if disturbed in the past. Whenever possible, use a permafrost-free location

2.4B: Provide details of your planned pit. You are required to contact EPB and provide construction details, including: exact location, dimensions, liner details, soil type and depth to groundwater when completed.

2.4C: Must be at least 3m higher than highest groundwater levels.

2.4D: The finer the materials the better as fine materials make the ground less permeable and better for

2.4E: There are EPA guidelines that must be followed when decommissioning a burial pit, guidelines are based on pit size. Type and amount of material (more than 1m of material on top), regrading and revegetation need to be reported; photos are encouraged. A fact sheet attached for your information.

Every time you close a pit, you must report it. Consider this when choosing the pit size. If you open and close a pit weekly, you need to report weekly. If you intermittently cover a pit all summer and decommission at the end of the season, you will report once at closure.

3.0A: Anyone planning to manage waste on behalf of another applicant, like another claim holder, will be considered a waste management facility and needs to comply with those guidelines.

3.0B: An estimate of how much of each waste type you will generate per month, and how you will dispose of each.
 Only waste oil can be disposed of onsite, and only under approved conditions. Rarely, YESAA may approve onsite disposal of other special waste.
To transport large quantities of special waste offsite – more than 20L of waste oil, 5L of other waste liquid or 5kg of solid waste or liquid mix – you require a permit (via this application) and to complete a shipping manifest every time. Instructions are appended.
 For smaller quantities you do not require a permit or a shipping manifest.
 Any 3rd party transporting on your behalf requires a permit. It is recommended you ask for a copy of their permit or ask Environment Yukon for confirmation they are appropriately permitted.

C. If any special wastes are to be transported by the applicant, check to confirm that a spill response plan covering the substances to be transported has been submitted with this permit application. A sample spill response plan and a fact sheet describing spill response can be obtained from Environment Yukon.

3.0C: Information to help develop a spill response plan is attached

D. Who will be receiving the transported special waste(s) at the disposal or treatment location?

The applicant; and/or
 Another person or company
 All persons and companies accepting special wastes must be permitted. You can confirm that a person or company is permitted to accept special wastes by asking for a copy of their permit or checking with Environment Yukon.

3.0D: In most circumstances you will be transporting your special waste to a waste receiving centre. Be sure to confirm that it is permitted to accept the type of waste being shipped.

E. Confirm that all special wastes will be stored at least 30 m from the ordinary high water mark of any water body.

3.0E: This must be yes.

F. List training provided to staff who handle special wastes (e.g. transportation of dangerous goods course, WHMIS training, internal company training, etc.).

3.0F: List training that is relevant to handling special waste, whether it is formal and mandatory (ex. WHMIS) or internal. You must be able to demonstrate staff are equipped to handle waste safely.

Part 3.1 – Incineration of waste oil

A. Provide the following information for the waste oil burner/incinerator, if known:

Manufacturer	Make/model #	CSA/UCLC#	Year
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3.1A: Waste oil cannot be burned in a homemade incinerator, you are required to provide the manufacturer, make and model and CSA number if you incinerating oil on site.
3.1B: This must be yes.

B. Check to confirm that waste oil burning equipment will be located at least 30 m from the ordinary high water mark of any water body.

I, _____, certify that I am the authorized representative of _____, and the information provided on this application form in its entirety and on all attached documents is correct and complete to the best of my knowledge.

3.1B: Once signed and dated this becomes a legal attestation.

Signature of applicant _____ Date _____ No. of attachments _____