

From: [Dave Kelsch](#)
To: [Roberta Judas](#)
Cc: [Sarah Elsassser](#)
Subject: FW: Margaret Lake Diamonds Inc. Permission request for use of YK Solid Waste Facility
Date: October-31-17 9:05:27 AM
Attachments: [image006.png](#)
[image007.png](#)
[image008.png](#)
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[image011.png](#)
[image012.png](#)
[image013.png](#)
[image014.png](#)
[image015.png](#)

Hi Roberta, please find below email approval for usage of the Yellowknife Solid Waste Facility for Margaret Lake's Diagras project.

Regards, Dave

From: Michael Auge [mailto:mauge@yellowknife.ca]
Sent: October-30-17 1:06 PM
To: 'Dave Kelsch'
Subject: FW: Margaret Lake Diamonds Inc. Permission request for use of YK Solid Waste Facility

Hi Dave,

As per the approval from our SAO in the email below, and based on the information provided regarding quantities and type of material in your email, please accept this email as approval to use the City of Yellowknife Solid Waste Facility for waste disposal for your project. Please refer to the City's [Solid Waste Management bylaw](#) for more information on accepted materials, and the City's [Fees and Charges bylaw](#) for information on fees (note that any material from this project will be subject to the "Outside City Limits" rates). Please also ensure that the waste is separated and diverted from the landfill where possible (i.e. organic material, recyclables, steel, etc.).

If you have any questions or concerns, please feel free to contact me.

Thanks,

Mike Auge, P. Eng.

Manager, Sustainability and Solid Waste
Public Works and Engineering
City of Yellowknife
T: 867.669.3404
yellowknife.ca



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From: Sheila Bassi-Kellett
Sent: October-27-17 3:21 PM
To: Michael Auge
Subject: RE: Margaret Lake Diamonds Inc. Permission request for use of YK Solid Waste Facility

THanks Mike

This sounds fine to me, and I appreciate your additional conditions, good call

Thanks!
SBK

Sheila Bassi-Kellett
City Administrator
City of Yellowknife
T: 867.920.5693
F: 867.920.5649
yellowknife.ca



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From: Michael Auge
Sent: Friday, October 27, 2017 9:59 AM
To: Sheila Bassi-Kellett
Subject: FW: Margaret Lake Diamonds Inc. Permission request for use of YK Solid Waste Facility

Hi Sheila,

I received the following request for use of the City's SWF. Can you please review and let me know if it is approved? If approved, I will be sure to stipulate that the waste materials that can be diverted (i.e. food waste, recyclables, etc.) must be separated and put in the proper waste stream when brought to our facility.

Thanks,

Mike Auge, P. Eng.

Manager, Sustainability and Solid Waste
Public Works and Engineering
City of Yellowknife
T: 867.669.3404
yellowknife.ca



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From: Dave Kelsch [<mailto:dkelsch@telusplanet.net>]
Sent: October-26-17 2:49 PM
To: Michael Auge
Subject: Margaret Lake Diamonds Inc. Permission request for use of YK Solid Waste Facility

Hi Mike, as discussed briefly on the phone, Margaret lake Diamonds Inc. is requesting permission to use the City of Yellowknife's solid waste facility in conjunction with its Diagas exploration project. The Company is applying for a Class A land-use permit. The term of the permit will be up to 5 years from granting and operations could commence as early as Spring 2018. As such any waste could be delivered from March – November of all 5 years.

Below is some relevant information. The volume estimates are based on the on-site use of an incinerator for the majority of all domestic and kitchen waste.

If you have any questions or require further information please feel free to contact me.

Regards, Dave

Dave Kelsch
Margaret Lake Diamonds Inc.
dkelsch@telusplanet.net

Property Location and Description

Margaret Lake Diamonds Inc. has a small area of interest on and to the south of Hardy Lake approximately 35 km northeast of Diavik diamond mine and 35 km east of Ekati diamond mine, Northwest Territories. The primary mineral target will be diamond-bearing kimberlite. Historical exploration results have indicated a very good potential in the area of interest. The Diagas camp will be used as a staging area for all work site activities.

Waste at Camp

The camp sorts waste into the following categories:

1. Food wastes.
2. Paper, cardboard and other burnable waste.
3. Conventional household recycling items (food and beverage cans, plastic food containers, etc).
4. Hazardous waste items (Pb-acid batteries, other batteries, solvents and paint).
5. Waste from machinery (oils, grease, etc).

Food and burnable wastes are incinerated using a diesel fired incinerator at least once per day during camp operations. Food and associated wastes are estimated at 250 grams / person / day. During the exploration stage up to 24 personnel will occupy the camp. It is estimated that 5 kilograms of food and associated wastes will be generated. Paper and cardboard waste will be variable and range from minimal during normal daily operations to a maximum on supply deliver days as a result of food shipping boxes. 20 – 30 cardboard boxes are expected once weekly. These cardboard boxes can be recycled.

All conventional household type recycling items are bagged and flown to Yellowknife for appropriate disposal. Prior to departure from camp these items are stored in such a manner as to prevent attracting wildlife. Recycling is estimated at 4 - 5 containers / day / person

Hazardous waste items comprise largely batteries, either consumer type solid batteries (AA, D cells etc) or lead-acid batteries. These are packaged suitably for transportation by air to Yellowknife and disposed of through an authorized disposal agency. The batteries are not stockpiled at site, but removed promptly. Minor amounts anticipated.

All waste oil from drills, generators, vehicles and other equipment, is put in waste oil containers and shipped back to Yellowknife for proper disposal. Oil filters are drained and packaged for shipment to Yellowknife to be disposed of in a suitable waste facility. Aerosol cans such as some solvents are punctured to ensure that they are not under pressure, and then shipped off site with other solid waste material. Waste oil is estimated at 2 liters / 4 days for the generator and 1 filter every 8 days. A drill is estimated to generate 5 liters of waste oil / 4 days plus 1 filter.

There may be minor amounts of emptied cans from paint or solvents, and these are disposed of appropriately by sending to Yellowknife along with waste oil. Minor amounts of scrap metal are anticipated. No waste tires are expected to be generated.

Waste Type	Source	Physical Description	Comments	Estimated amounts / annually
Domestic	Camp, incinerator	Cold ash, garbage, non-incinerated materials	Non-incinerated materials may consist of items too large or cumbersome for incinerator	1,000 kg
			Overflow	

Food Waste	Kitchen	Non-incinerated food materials	materials in the event of temporary incinerator breakdown or unpredicted events resulting in excessive incinerator volume.	2,000 kg
Materials Waste	Construction, drilling and camp	Metal, wood, non-combustible materials	Non-reusable materials at site	3,000 kg