

ITEM 5 – WASTE MANAGEMENT PLAN

At the drill sites there will be four main types of waste generated.

- 1) Mineral Waste – dill cuttings
- 2) Non-mineral Waste – scrap steel
- 3) Hazardous Waste – empty fuel drums
- 4) Domestic Waste – meals and component packaging.

Each of these types of waste will be discussed below;

1) Mineral Waste

- a. Small diameter RC cuttings are dry and will remain in close proximity to the drill hole, these will be left at the drill site.
- b. Small diameter core cuttings are wet and will be contained in a sump or natural depression.

2) Non-mineral Waste

- a. Non mineral waste consist of waste steel, generally broken drill steel. Not much waste steel is generated during a program. The material is benign but very heavy. All steel will be returned to the DO-27 Camp authorized under a separate permit (Wek'eezhii Land and Water Board W2011C0005) and eventually taken to the solid waste management facility in Yellowknife.

3) Hazardous Waste

- a. Empty fuel drums will be generated at the drill site. The empties will be removed from the drill site and returned to the DO-27 Camp authorized under a separate permit (Wek'eezhii Land and Water Board W2011C0005) where they will be stock piled and eventually returned to Yellowknife to be managed by certified waste handler KBL Environmental.
- b. Peregrine anticipates two (2) drums (410 litres) generated per small diameter RC drill hole (2 days per hole x 1 drum per 24 hours)
- c. Peregrine anticipates and six (6) drums per small diameter core drill hole (3 days per hole x 2 drums per 24 hours)

4) Domestic Waste

- a. All domestic waste will be collected in garbage bags and returned to the DO-27 Camp authorized under a separate permit (Wek'eezhii Land and Water Board W2011C0005) where it will be incinerated in the camp incinerator.
- b. Peregrine anticipates up to one 75 litre garbage bag of domestic waste per drill hole.

Waste management will be discussed with all project personnel at the commencement of field operations.

David Willis (Pdiam)

From: Michael Auge <mauge@yellowknife.ca>
Sent: Monday, July 23, 2018 12:18 PM
To: David Willis (Pdiam)
Subject: RE: Peregrine Diamonds Ltd.

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: July-23-18 12:23 PM
To: Michael Auge
Subject:

Approved
SBK

Sheila Bassi-Kellett

City Administrator
City of Yellowknife
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From: David Willis (Pdiam) [mailto:dave@pdiam.com]
Sent: July-23-18 12:07 PM
To: Michael Auge
Subject: Peregrine Diamonds Ltd.

Hello Mike:

Thanks for taking my call and sorry to spam you with this request. Anything you can do to help with this would be greatly appreciated. In late June (Approx. June 25th) I was originally in contact with Carl Grabke (Acting Manager – Public Works, SWF and Sustainability). At the time it was my understanding that he had prepared a draft letter. I followed up with Carl then Al Christensen with a few telephone calls. Mr. Christensen gave me your contact information.

Anything you can do to help with this is greatly appreciated as it is the last requirement to complete the permit application with the MVLWB.

Background

Peregrine Diamonds Ltd. is in the process of renewing its MV2011C0005 land use permit with the MVLWB.

As part of the renewal application is the following:

6. A letter from the municipality where you plan to dispose of project waste/garbage, confirming they will accept wastes from your activities for off-site disposal.

I noted on your website that you do take commercial waste from outside the city boundaries but with prior approval from the SAO

Commercial Waste from outside of City boundaries (with prior approval of Senior Administrative Officer)	\$134.00 per tonne (\$50 minimum) + \$130/hour equipment charge with a minimum 1 hour if required	\$138.00 per tonne (\$50 minimum) + \$130/hour equipment charge with a minimum 1 hour if required	\$142.00 per tonne (\$50 minimum) + \$130/hour equipment charge with a minimum 1 hour if required
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I anticipate that when in operation we could see up to 6 metric tonnes of material annually consisting mostly of scrap metal and domestic garbage. We also sort our garbage so that any recyclables are deposited in the appropriate location.

All of our hazardous waste is handles by KBL Environmental. A location Yellowknife business.

If you have any questions please do not hesitate to contact me. My direct line is (604) 608-4524.

Best Regards,

David Willis



Dave Willis | Manager, Lands & Community

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