

Notice of Alteration Request - Addendum

Jennifer Winsor, P. Eng.
Environmental Engineer
Environmental Approvals Branch
Department of Sustainable Development
123 Main St., Ste. 160
Winnipeg, MB R3C 1A5

August 18, 2016

Dear Ms. Winsor,

RE: Notice of Alteration Request – Diageo Gimli Plant: Addendum

This letter submitted to Manitoba Conservation is to confirm an addendum to the original NoA which will reduce the sources of clean water being sent to Lake Winnipeg to three (3) sources as opposed to five (5), as was stated in original NoA having an average total daily flow rate of 400 m³/day and will include and as shown on Page 1 – Table 1 :

- Overflow of the 10th floor process water tank (source is fermenter cooling water)
- Overflow of the 6th floor process water tank (source is S-11 product cooler and batch cooker mash cooler cooling water).
- Alcohol Product Cooling Water on the 7th Floor.

The proposed alteration would allow Diageo to bypass the lagoon and wet well, allowing the entire Diageo WWTP to be shut down while Diageo is operating under its Industrial Services Agreement with the Rural Municipality of Gimli (Gimli).

Description of Changes- Revised

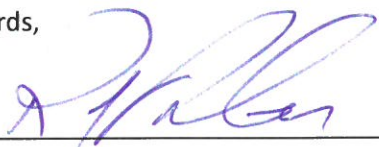
The proposed amended alteration, with noted addendum, will send clean water from a new storage tank to Lake Winnipeg. Several clean water sources would be redirected to the R.M. of Gimli's forcemain, with the remaining clean water sent to Lake Winnipeg and detailed below in **Table 1**.

Table 1: Clean Water Diversion Flow Alteration

Current	Planned	
	To R.M. of Gimli	To Lake Winnipeg
Overflow of the 10th floor process water tank (source is fermenter cooling water)		Overflow of the 10th floor process water tank (source is fermenter cooling water)
Overflow of the 6th floor process water tank (source is S-11 product cooler and batch cooker mash cooler cooling water)		Overflow of the 6th floor process water tank (source is S-11 product cooler and batch cooker mash cooler cooling water)
Cooling tower blowdowns	Cooling tower blowdowns	
Spent water from DDG product cooler (2nd floor boiler room)	Spent water from DDG product cooler (2nd floor boiler room)	
Demineralizer regeneration water (2nd floor boiler room)	Demineralizer regeneration water (2nd floor boiler room)	
Dealkilizer regeneration water (2nd floor boiler room)	Dealkilizer regeneration water (2nd floor boiler room)	
Softener regeneration water (2nd floor boiler room)	Softener regeneration water (2nd floor boiler room)	
Cooling tower sump energy overflow	Cooling tower sump energy overflow	
Alcohol product cooling water which is raw groundwater (7th floor still house)		Alcohol product cooling water (7th floor still house)
Yeast tub cooling water (4th floor yeast room)		

I trust that this addendum of sources of clear water meet your needs. Should you have any further questions regarding this request, please do not hesitate to contact the undersigned. Thank you.

Regards,



Roman J. Pietrus, P.Eng.
 Engineering & Maintenance Manager (Diageo Canada – Gimli)
 Desk +1 204 642 1631
 Cell +1 204 651 0019
Roman.Pietrus@diageo.com

cc: Leilanie Schmietenknap, Risk Manager (Diageo Canada - Gimli)
 Murray Stewart, Distillation Manager (Diageo Canada - Gimli)
 Craig Dryburgh, Site Director (Diageo Canada - Gimli)