

From: [Andrew Keim](#)
To: [Jim Wall](#)
Cc: [Phyllis Beaulieu <licensing@nunavutwaterboard.org](mailto:Phyllis.Beaulieu<licensing@nunavutwaterboard.org)
Subject: Re: Mechanical failure at Rankin Inlet Wastewater Treatment Plant (WWTP)
Date: Wednesday, August 10, 2011 10:54:59 AM

Jim,

Thanks very much for the head's up.

Please record (as accurately as possible) the total volume of effluent discharged while the drum is off line.

This volume will need to be recorded in your annual report.

Andrew Keim
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>>> "Wall, Jim" <JWall@GOV.NU.CA> 8/4/2011 9:21 AM >>>
Good morning, Andrew:

Per our discussions during your recent WWTP inspection, please be formally advised that the screen at the WWTP has experienced a mechanical failure, and is currently in emergency bypass. At approximately 0300 hrs on Tuesday, August 2nd, 2011, the drive motor which turns the facility's drum screen system failed. Electricians were tasked with assessing the condition of the motor, and determined that the motor must be replaced, as it is un-repairable. The replacement motor has been ordered, with instructions to rush delivery. At present, approximately 875 cubic meters of wastewater are being discharged, without passing through the screen.

Please be assured that all efforts are being made to expedite repairs, and to return to normal operating mode. I will advise you as soon as repairs have been completed.

Very best regards,

Jim Wall, M.Sc., P.Ag.
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