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COVER SHEET

To: Phylis Beaulieu
From: Collin O'Neil General Manager
Company: Nunavut Water Board
Date: April 22, 2005
Fax Number: 1-867-360-6369
Pages: 6 plus check
Re: Water License Application
Originals By Courier

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply

Schedule "A"

We have an Asphalt Plant set up in the North 40 Pit Area of Iqaluit. We have been requested to submit an Application for a Water License by Indian and Northern Affairs in Iqaluit.

When the plant is actually producing which has been approximately six hours a day for fifteen to twenty days per year water is used to control the dust created during production.

The native aggregates have to be dried and heated to approximately 400 degrees **before** mixing them with the Crude Oil. This is accomplished by tumbling them in the Dryer while blowing hot air through it. This operation creates a large amount of hot air containing dust from the native aggregates. This air is then passed through a Settling Chamber which slows down and redirects the air to allow gravity to remove the larger particles of aggregate that have become airborne. These larger particles are returned to the mix. The air is then passed through the Scrubber where ground water pumped from the Pit Area is used to remove as much of the dust as possible from the air. The water containing the dust from the native aggregates is discharged from the Scrubber into a Settling Pond where gravity is again employed to separate the remaining dust from the water. The water is then returned to the ground.

This is a common procedure performed daily in and around Major Cities all over the World.

REGARDS ,