

Appendix D

Monitoring Program Stations No. ALT-8-9-10-11

Year: 2017

Description: Discharge from Tank Farm Secondary Containments ALT-8-9-10 & Landfarm Facility ALT-10-11.

Results:

The Department of National Defence (DND) intended to discharge water from the Fuel Tank Farm Secondary Containments at ALT-8-9-10 in June 2017. At least 10 days notice was provided to the Inspector and Nunavut Water Board, the email chain is attached below.

Water samples from within the secondary containments of ALT-8-8.1-9-10 were collected on 28 June 2017 and analyzed; analytical results are attached in Appendix E.

Two samples were taken at ALT-8 (sample identifications: ALT-8 and ALT-8.1) to better represent the freshet quality due to the large size of the Secondary Containment facility.

In June 2017, analytical results (Appendix E) of the berm water results at the Lower Airfield Tank Farm (ALT-8, -8.1), Upper Tank Farm (ALT-9), and the Day Tank (ALT-10) are compliant to the Effluent Quality Limits of the Alert Water Licence, as per Part D, Item 11.

DND had no intentions to discharge any water from Land Farm Treatment Facilities at ALT-10 and ALT-11.

Notes (extra spaces removed):

From: Tam A@CFB Trenton WENV@Trenton
Sent: July-24-17 2:08 PM
To: 'Justin Hack' <Justin.Hack@aandc-aadnc.gc.ca>
Subject: RE: 8AC-ALT---- - CFS Alert - Berm Secondary Containment Water Discharge Approval Request

Thanks Justin!

Cheers,
Andrew

From: Justin Hack [<mailto:Justin.Hack@aandc-aadnc.gc.ca>]
Sent: July-24-17 11:18 AM
To: Jonathan Mesher <Jonathan.Mesher@aandc-aadnc.gc.ca>; Tam A@CFB Trenton WENV@Trenton <Andrew.Tam@forces.gc.ca>
Cc: Erik Allain <Erik.Allain@aandc-aadnc.gc.ca>
Subject: Re: 8AC-ALT---- - CFS Alert - Berm Secondary Containment Water Discharge

Approval Request

Hello Andrew,

Thank you for the results. Please proceed when convenient.

Regards,

Justin

>>> <Andrew.Tam@forces.gc.ca> 7/24/2017 9:47 AM >>>

Hello Jonathan and Justin;

Attached is the lab analytical results of the grab samples obtained during the June Surveillance Monitoring Program at CFS Alert.

The berm water results at the Lower Airfield Tank Farm (ALT-8, -8.1), Upper Tank Farm (ALT-9), and the Day Tank (ALT-10) are compliant to the Effluent Quality Limits of the Alert Water Licence, as per Part D, Item 11.

As per the condition of Part D, Item 14, I am providing DND's intent to discharge the effluents from the ALT 8-9-10 fuel tank farm within 10 days; however, to help expedite the process and given Alert's short outdoor summer season, may I please request your approval to discharge the effluents from these facilities as soon as possible?

Unrelated to the discharge intent and approval request, the sampling results for ALT-4 (Main Station Landfill) is also included in the analytical results; please note the other landfill sites were dry.

Thank you for your assistance.

Regards,
Andrew

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