



RE: 140619 3BM-QIK0712 Status Update

Roy, Bhabesh <BRoy@gov.nu.ca>

Thu, Jun 19, 2014 at 12:51 PM

To: Megan Porter <megan.porter@nwb-oen.ca>, Karen Kharatyan <karen.kharatyan@nwb-oen.ca>

Cc: "Ruediger, Ralph" <RRuediger@gov.nu.ca>, "Boyle, David" <DBoyle@gov.nu.ca>, "Thistle, Wayne" <WThistle@gov.nu.ca>, "Toonoo, Timoon" <TToonoo@gov.nu.ca>, "Roy, Bhabesh" <BRoy@gov.nu.ca>

Hi Dr. karen and Megan,

Please see below our reply on AANDC comments dated June 13,2014.

B. Results of Review:

1. Licence Term: Yes, Five years from 2014.

2. Monitoring Requirements: Already provided to Dr. Karen Kharatyan.

Regarding Monitoring Points of Item 1, Part H of the existing WL # 3BM-QIK 0712, please see attached my comments:

There are 18 Monitoring stations shown in the licence. I believe some stations do not satisfy any positive requirements and some are not also accessible. I recommend excluding the following stations from item 1 of Part H of the new licence.

QIK-4,QIK-5,QIK-7,QIK-9,QIK-10 and QIK -11 .

3. Water Supply:

Yes, no meter exists in the intake pipe from the Tugulak River to the Reservoir. But in the inner slope of the Water Reservoir berm, marks are provided at every meter interval. Therefore prefilling and post filling volume can be easily calculated and the difference is the amount of water extracted from the Tugulak river.

4. Water Reservoir:

We are planning to have a geotechnical investigation at the end of August 2014 tentatively. At this moment we are mobilizing pump etc. to the site to drain out the Water Reservoir

5. Engineering Inspection:

Item 4 is the Geotechnical Engineering inspection. The inspection report will be provided to NWB and AANDC.

6. Wetland Area Assessment Report:

The Sewage lagoons are containment nature and they by themselves should bring the effluent quality up to the point to satisfy the Compliance requirement as shown in item 3 Part D of the licence # 3BM-QIK 0712. The test result # B13-23730 in 2013 at QIK -6 shows the satisfactory result.

The 22HA area about 2km long wetland will definitely do further Treatment. However a test point QIK -12 will be established as far as it is accessible toward the sea and monitor this summer. The test result will be submitted along with the Annual report in 2015.

7. New Sewage Lagoon Effluent Monitoring:

The effluent runs through an about 300m long pipe from Lagoon to the wetland. The Rehabilitated lagoon has a common berm with the new Lagoon and functions independently. Both lagoons have man holes with control valves to close or open flow. It means flow is controllable.

8. Sewage Sludge Management Plan:

These lagoons have 2028 capacity. The sludge is considered to be remained at the bed throughout the life time of the lagoons. In case sludge is required to be removed to increase capacity, yes, a plan will be submitted well in advance to AANDC prior to operation will start.

9. Hazardous waste Plan:

We are developing one plan to effectively use throughout Nunavut. This document will be available for AANDC and NWB in August, 2014.

10. O&M Manual

We could not find March 28, 2011 letter. However, once we know the concern, we will try to address. Please put this as the condition of the licence to satisfy if you feel so.

11. Environmental Emergency and Spill Contingency Plans:

We will use these plans as the part of the O&M Plan of the new land farm once it is built and commissioned.

12. Quality Assurance and Quality Control Plan:

We will use these plans as the part of the O&M Plan of the new land farm once it is built and commissioned.

13. Proposed Landfarm:

This landfarm will be a lined and Engineered facility. This was half way constructed already. Once construction is complete, a O&M plan will be developed for the approval of AANDC and NWB.

I Hope I could answer satisfactorily.

If you have any question or concern, Please contact me.

Thanks.

Bhabesh

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From: Megan Porter [mailto:megan.porter@nwb-oen.ca]
Sent: Thursday, June 19, 2014 12:34 PM
To: Roy, Bhabesh
Cc: Karen Kharatyan; Megan Porter
Subject: 140619 3BM-QIK0712 Status Update

Hi Bhabesh.

We are waiting on additional information. Clarification from Licensee regarding the AANDC comments that were submitted recently.

Regards,



Megan Porter- LALU >4C

Licence Administrator Assistant- Administratrice des Permis

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