From: David Frenette
To: Stephen Hartman; "licensing@nunavutwaterboard.org"
Cc: Denis Vaillancourt; Stephane Robert; "dirlands@kivalliqinuit.ca"; "Jeff Tulugak"
Subject: RE: Licence 2BB-MEL0914 Monthly
Date: Thursday, August 16, 2012 9:47:46 AM

Hi Stephen,

You are right, there is a typo. It was the May 30th and not the June 30th.

The Mel-7 is the Biodisk effluent.

Here are the June and July results. As you can see, the 4 last results of July respect the requirement.

											ALS	Multi Lab		
Station: STP-OUT		May				June				July				
DATE	**Limits**	**02/05/2012**	**07/05/2012**	**22/05/2012**	**30/05/2012**	**06/06/2012**	**13/06/2012**	**20/06/2012**	**27/06/2012**	**04/07/2012**	**10/07/2012**	**10/07/2012**	**17/10/2012**	**24/07/2012**
Ammonia as N		37.4	138.0	113.0	X	57.1	42.4	14.4	27.8	28.5	31.2		25.3	
Biochemical Oxygen Demand	80	10.2	10.2	13.2	24.4	18.7	16.8	21.5	19.8	10.8	10.8		31.0	
Heterotrophic Plate Count (AAHB)		960.0	>3000	>3000	>3000	>3000	>3000	>3000	>3000	>3000	>3000		-	>5000
Nitrate-N		57.2	0.4	5.6	10.1	24.9	23.5	21.2	42.3	45.8	37.4		14.3	
Nitrate and Nitrite as N		57.20	X	52.40	59.00	27.40	-	23.4	42.30	45.9	-		14.5	
Nitrite-N		<0.050	31.5	46.9	48.9	2.6	-	2.16	<0.050	0.126	1.5		0.18	
Oil & Grease-(IR)	5	<1.0	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	
Phosphorus (P)-Total		8.7	19.6	24.7	16.8	12.6	17.9	18.7	-	19.2	20.7		21.0	
TKN		37.9	116.0	99.0	71.8	X	52.8	-	31.3	34.5	36.4		31.0	
Total Suspended Solids	100	63.3	16.0	13.0	73.3	46.7	82	36.0	32.0	21.0	29.0		22.0	
Transmitance		35.5	19.2	13.5	21.9	29.4	23.9	24.0	-	-	18.8		22.0	
pH	6.5-9	4.3	7.7	7.9	7.68	7.5	7.45	7.07	6.4	6.66	6.85		6.88	
Fecal Coliforms	1000	4.0	7,500.0	330.0	2,300.0	63.0	2070	230	500.0	**OVERGROWN**	290.0	540.0	220.0	500.0
Total Coliforms		9.0	12,000.0	**OVERGROWN**	15,000.0	**OVERGROWN**	**OVERGROWN**	430	9,300.0	**OVERGROWN**	**OVERGROWN**	**4 000**	< 10 000	50,000.0

Thank you,

David Frenette

De : Stephen Hartman [mailto:shartman@kivalliqinuit.ca]
Envoyé : August-15-12 3:08 PM
À : David Frenette; 'licensing@nunavutwaterboard.org'
Cc : Denis Vaillancourt; Stephane Robert; 'dirlands@kivalliqinuit.ca'; 'Jeff Tulugak'
Objet : RE: Licence 2BB-MEL0914 Monthly

Hi David
Thanks for the clarification. Is there a typo in Table 3, last column (June 30), or do you have additional results for the last week of May and for the first 4 weeks of June? Also could you provide clarification on the appropriate sample ID and results for the point of discharge from the Biodisk. I'm confused as to whether sampling point MEL-7 is at the effluent discharge point from the Biodisk unit or at the entry point of Meliadine Lake approximately 50 m away. Sorry for the additional questions however concerns about sewage odors from the camp have been brought to my attention.

Additionally, since the last two sample results reported for fecal and total coliforms at station MEL-7 appear to be on the rise could you provide draft analytical results for June and July indicating the treatment system is functioning properly and results have dropped below acceptable limits.
Thanks
Stephen

From: David Frenette [mailto:david.frenette@agnico-eagle.com]
Sent: August 15, 2012 12:57 PM
To: Stephen Hartman; 'licensing@nunavutwaterboard.org'
Cc: Denis Vaillancourt; Stephane Robert; 'dirlands@kivalliqinuit.ca'; 'Jeff Tulugak'
Subject: RE: Licence 2BB-MEL0914 Monthly

Hi Stephen,

The stations Mel-3 was to monitor the old greywater sump located north from the actual effluent. The greywater don't pass by this point anymore.

For the Mel-3a and Mel-4, these stations are related to the water treatment did by the sump and wetland. As you can see in the Mel-7 table, we achieve the licence requirement with the Biodisk treatment (upstream) and you will see in the June and July data (next report), the results are better.

For Mel-5 and 6, we have to sample the water before to release it and inform the inspector 10 days before the discharge. As wrote in the report, no effluent discharged in May.

5. The Licensee shall, prior to the release of effluent from the Bermed Fuel Containment Facilities at Monitoring Program Station MEL-5 and the contaminated soil storage at MEL-6 for the purpose of demonstrating compliance, sample for the parameters listed under Part D, Item 17.

For the stations A13 and others, I have the results, but I'm pretty sure, It's not a requirement of the licence to be in the monthly report. But it's not a big problem, I can add them for June if the NWB is agree to have this information in this report.

Thank you,

David

De : Stephen Hartman [mailto:shartman@kivalliqinuit.ca]
Envoyé : August-15-12 12:23 PM
À : David Frenette; 'licensing@nunavutwaterboard.org'
Cc : Denis Vaillancourt; Stephane Robert; 'dirlands@kivalliqinuit.ca'; 'Jeff Tulugak'
Objet : RE: Licence 2BB-MEL0914 Monthly

Hi David

Thanks for the report. Do you have results for stations MEL-3, MEL-3a and MEL-4? As well, would it be possible to include rational if samples are not collected from stations (ex. MEL-5, MEL-6) due to low water conditions, snow, ice etc.

Also, please ensure analytical results for the enhanced monthly monitoring program from stations A13, A15, A38, A54, A8-7, A9, Control, Control 2 and ML-river are included in applicable upcoming reports for the open water season from approximately June through October.

Sincerely

Stephen

From: David Frenette [mailto:david.frenette@agnico-eagle.com]
Sent: August 15, 2012 10:20 AM
To: licensing@nunavutwaterboard.org
Cc: Denis Vaillancourt; Stephane Robert; dirlands@kivalliqinuit.ca; SHartman@kivalliqinuit.ca
Subject: Licence 2BB-MEL0914 Monthly

Please find attached the monthly report for the month of May 2012.

Best Regards,

David Frenette
Environment and health & Safety Coordinator
Coordonnateur Environnement et Santé & Sécurité

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