

From: [Andy Cumming](#)
To: "Arie and Willemiek Muilwijk"
Cc: "john.lobbezoo@woodplc.com"
Subject: RE: Application LA19036
Date: Monday, May 25, 2020 1:51:26 PM
Attachments: [LA19036+Part+One+14+Aug+19.pdf](#)
[LA19036+Part+Two+09+Oct+19.pdf](#)

Hello Arie,

As requested, attached are your part 1 and part 2 applications.

Please remember that the catch basin size has changed from what is in this application.

Regards

Andy

NRCB core values: Integrity; Fairness; Respect; Excellence; Service

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From: Arie and Willemiek Muilwijk [REDACTED]
Sent: Monday, May 25, 2020 1:22 PM
To: Andy Cumming <Andy.Cumming@nrcb.ca>
Subject: RE: Re Application LA19036

Good afternoon Andy,
I'm sorry about the missing information.
We will try our best to sort through it.
Would it be possible to send a copy of the application to myself, and to John Lobbezoo?
john.lobbezoo@woodplc.com

Thanks
Arie

Sent from Sonim XP7

On May 25, 2020 11:01 AM, Andy Cumming <Andy.Cumming@nrcb.ca> wrote:

Hello Arie,

Thank you for your email. Unfortunately it does not provide what is needed for you to be able to show that you are able to meet the AOPA requirements for the feedlot pen and covered shelter liners.

Further to our conversation this morning, I have outlined the four potential options regarding your application that I see at the moment. These are:

- For you to provide information to show how the RCC liner you propose can meet the AOPA groundwater (and surface water) protection requirements, or
- For you to provide information to show that you have a different way to protect groundwater which can meet AOPA's requirements, such as a naturally occurring protective layer, or
- For you to request that I process your application and issue a decision based on the information you have already provided. Because the application doesn't have sufficient information to show how your proposed RCC liner can meet AOPA requirements I will be forced to deny it. You would then, if you choose to, be able to appeal this decision, or
- For you to withdraw your application. This would mean that your application would be deemed withdrawn and a denial decision would not be issued.

I would be happy to discuss any of these options with you.

Regards

Andy

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From: Arie and Willemiek Muilwijk [REDACTED]
Sent: Monday, May 25, 2020 10:17 AM
To: Andy Cumming <Andy.Cumming@nrcb.ca>
Subject: Re: Re Application LA19036

New feedlot pens

Construction completion deadline

3. The permit holder shall complete construction of the manure collection and storage portions of the new feedlot pens prior to December 31, 2020. Upon request, this deadline may be extended by the NRCB in writing.

Construction completion report

4. The permit holder shall provide the NRCB with a written construction completion report for the new feedlot pens. The report shall be stamped and signed by a "professional engineer," as defined in the Standards and Administration Regulation, and shall certify that:
 - the feedlot pens were constructed at the location specified in the site plan provided with the application;
 - the bed for the liner was level and compacted, before the RCC is installed;
 - the RCC product was placed on the bed with an even thickness of at least 7" (0.18 metres) and at least 6" (0.15 metres) when compacted;
 - the RCC was properly compacted around transition zones (stock waterers, the feed bunk apron, the pen entrances, fence posts, and any other objects that penetrate the RCC), according to the product supplier's compaction recommendations which require compacting the RCC with a hand packer around posts and with a small vibrator compactor around stock waterers, feed bunk aprons, and pen entrance areas;
 - the RCC was properly covered immediately after it was compacted, and for a sufficiently long period, to ensure proper curing; and
 - the final compaction has reached at least a 92% compaction density.

Survey

5. Prior to the post construction inspection of the new feedlot pens (see condition 11 below), the permit holder shall provide the NRCB with a survey from an Alberta land surveyor as defined in the *Land Surveyor Act*, verifying that the new feedlot pens are at least:
 - 150 metres away from the nearest wall of the Stroeve residence;
 - 30 metres away from the nearest property line.

The distances shall be measured from the nearest parts of the facility and the nearest residence or property line (as required), to the nearest 0.1 metres. All parts of the CFO facilities that do not meet the required setbacks must be decommissioned.

Good morning Andy,

Attached is a picture i was sent when I was going to place the RCC. That was followed. Strength should be exceeding the standard, as we had an extra 1% concrete powder added to the mixture to give extra strength and some more heat.

Any posts that came through the RCC liner were poured in place with concrete.

The bed was prepared by Sub-terrain Excavating. The corrals where they placed the RCC had animals in it for several years, so it was compacted, they just took off a few inches of the existing corral floor to make it level.

The weaning shelter was also scraped down to a level bed before RCC was placed.

Maybe if you have a chance, feel free to call and we can go over it.

Thanks

Arie

Sent from Sonim XP7

On May 22, 2020 1:49 PM, Andy Cumming <Andy.Cumming@nrcb.ca> wrote:

Hello Arie,

I'm busy working through your application and need more detail with respect to the "RCC liner" you are proposing to use for the feedlot pen and barn floors.

Please will you provide details regarding:

- The preparation for the base onto which the RCC will be placed,
- The strength of the concrete you propose to use,
- The type of sulphate protection proposed,
- How cracking in the concrete will be controlled, and
- How joints, posts and other protrusions through the liner will be sealed

I have attached a copy of an Agdex guide on concrete liners for your information.

Thank you.

Andy

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