



Olson, Dan p <dan.olson@dnr.iowa.gov>

Proposed deep pit barn for Tom Scharfenkamp

1 message

Olson, Dan p <dan.olson@dnr.iowa.gov>
To: Tom Scharfenkamp <tntcattleinc@hotmail.com>
Bcc: "Olson, Daniel" <dan.olson@dnr.iowa.gov>

Tue, May 8, 2018 at 12:21 PM

Tom,

Per our telephone conversation this morning, I need to resolve the following issues with the MMP & CDS that were submitted before I can issue a construction approval letter.

1. The MMP indicates that the facility will be built in the NE 1/4 of the NE 1/4 of Section 5 **T84** R34 Grant Township but the CDS indicates the NE 1/4 of the NE 1/4 of Section 5 **T74N** R34W Grant Township. The current record for T&J Cattle Company #1 (DNR ID# 63527) in the Animal Feeding Operations database indicates that the facility is in the SE 1/4 of the SE 1/4 of Section 32, T85N R34W Sheridan Township. All documents submitted for the proposed expansion must include the correct location.
2. There was no verification of county receipt form with the MMP & CDS. A verification of county receipt form is required.
3. The CDS uses rebar spacings from table D-2. As is noted on Page 3 of the form and in footnote "a" at the end of the tables, you will need to submit a copy of a USDA soil survey map with the proposed location of the formed manure storage structure(s) clearly marked showing the unified soil classification or a statement signed by a qualified organization or NRCS staff indicating that backfill material will be suitable if you wish to use Tables D-1 or D-2.
4. There is no selection marked for Item 4 on Page 4 of the CDS.
5. The first table on Page 4 of the CDS form indicates that the pit walls will be 12 feet high and 12 inches thick. Tables D-1 to D-5 do not provide rebar spacings for walls thicker than 10 inches.

If you have any questions regarding the items listed above, please let me know.



Daniel P Olson | Environmental Specialist Senior
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Iowa Department of Natural Resources
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www.iowadnr.gov

○ CONSTRUCTION LETTER: Tom Scharfenkamp T&J
Cattle 63527

May 11

1356 Confinement Inspec...

Construction_Approval_Letters, Reports_to_Write, AFO_Confinements, AFO_Open_Lots
, Print_Hard_Copy

Dan p. Apr 30 6:52 PM

Reviewed 4/30/18.

Dan p. May 8 1:49 PM

At Rhonda's request, I discussed the MMP & CDS submitted by Tom Scharfenkamp with Mr. Scharfenkamp by phone on 5/8/18. Per Tom, the MMP & CDS are for a change at an existing site (63527). He is working with Abe Sandquist on the MMP and a separate contractor for the concrete. He knew that 12 feet was the correct height for the pit walls but he was not sure that 12 inches was the correct thickness.

I followed up with an email saying ...

Tom,

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If you have any questions regarding the items listed above, please let me know.

@Print_Hard_Copy

Dan p. May 9 10:07 AM
From: Pahl, Rhonda <rhonda.pahl@dnr.iowa.gov>
Date: Wed, May 9, 2018 at 7:06 AM
Subject: Tom Scharfenkamp 63527
To: "Dan Olson (Dan.Olson@dnr.iowa.gov)"
<dan.olson@dnr.iowa.gov>

I have entered the mmp in the database and logged the checks in also.

Just thought I would let you know and will just sit the plan aside til the correct forms are received.

Fwd: Tom Scharfenkamp 63527

Dan p. May 9 8:26 PM
Hi Dan,

I am emailing you about Tom's issues with the paperwork sent into you for his purposed building. I forgot to have the county sign off on the MMP when I dropped it off and am working on getting that signed and will get that sent off to you asap.

Regarding the Legal description of the facility, which side of the road would you like the legal description to cover? The current description you have on file is the office for the site but the description on the documents is where the majority of the cattle pens and the purposed building will be at. Just wanted to clarify that for future use.

Tom was also wanting me to talk with you a little bit about rebar spacing for a 12" thick wall and requirements for that. If you have any time tomorrow I should be available to get in contact with to discuss any of this with you.

Thanks,
Derek Rothe

Agricultural Consultant
Nutrient Management Specialist
Natural Fertilizer Services Inc.
414 Walker Street
Woodbine, Iowa 51579
O:712-647-2810
C:712-269-6417

Fwd: Scharfenkamp Deep pit Barn

Dan p. May 9 8:27 PM

Derek,

I am fine with using the section on the south side of the road as the facility location if that is where the majority of the facility is located. We just need to be consistent between documents.

On touching bases tomorrow, our network crashed today. If it is back tomorrow, I should be in the office. If it is not, I will be anywhere else in the world if I can be. If I am not in the office, my cell is 712/250-0093.

Fwd: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 10:17 AM

DATE: 5/11/18

START TIME: 0840

END TIME: ~0900

DURATION: ~20 minutes

IN/OUT/RETURN: Incoming call to follow up on email

OTHER PARTY: Derek Rothe

COMPANY: Natural Fertilizer Services NFS

PHONE #: 712/269-6417

FOCD TYPE: Assistance

FOCD NUMBER: 100649

ToDoist/Boomerang: N/A, but I will follow up with Paul Petitti by email

NOTES:

Derek Rothe:

We will use the location on the south side of the road, since that is where most of the AFO is.

Dan Olson:

That is fine.

Derek Rothe:

Also, they wanted me to talk to you about rebar. The concrete contractor wanted to pour 12 inch thick walls.

Dan Olson:

To use the CDS, they need to use the tables in Chapter 65, which do not cover walls thicker than 10 inches. They could submit a PE Statement.

Re: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 11:46 AM

Paul,

I spoke to Derek Rothe at Natural Fertilizer Services this morning. They are working with Tom Scharfenkamp on an unpermitted deep pitted (12 feet) cattle barn. Derek indicated that Scharfenkamp's concrete contractor would like to pour 12 inch thick walls. The tables in Chapter 65 only account for walls up to 10 inches thick. I advised him that they could have a licensed professional engineer submit a PE Statement for 12 inch walls but that they would have stay within the tables to use a CDS.

Sound right?

12 inch thick walls at Tom Scharfenkamp 63527

Dan p. May 11 2:26 PM
DATE: 5/11/18
START TIME: ~1350
END TIME: 1402
DURATION: 12 minutes 54 seconds
IN/OUT/RETURN: Incoming call

OTHER PARTY: Tom Scharfenkamp
COMPANY: 63527
PHONE #: Not noted

FOCD TYPE: Assistance
FOCD NUMBER: 100666
ToDoist/Boomerang: Followed up by email

NOTES:

Tom wants to follow his concrete contractors preference. The contractor would prefer to build a 12 inch thick wall. I explained that DNR is not opposed but the design has to meet the standards in Chapter 65. The tables in Chapter 65 do not cover walls thicker than 10 inches. He could use a Midwest Plan Service design or have an licensed professional engineer submit a PE statement.

Re: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 2:43 PM
After several conversations and a comment from Paul at FO3, I took another look at the CDS form. Typically, confinement pits are designed according to the tables in Appendix D of Chapter 567 Iowa Administrative Code (IAC) 65 (option A.1, boxed in red below) or by an engineer. There is another option that you could consider (option A.2, boxed in blue below).

The MWPS-36 manual that is referenced can be purchased at <https://www-mwps.sws.iastate.edu/catalog/manure-ma...>

Paul did mention that, for walls thicker than 10 inches, 2 mats of rebar are required. So, there will be more difference between a 12 inch wall and a 10 inch wall than just setting the forms a little farther apart.

Fwd: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 2:55 PM
DATE: 5/11/18
START TIME: 1449
END TIME: 1456
DURATION: 7 minutes
IN/OUT/RETURN: Outgoing - followup to prior call and email

OTHER PARTY: Tom Scharfenkamp
COMPANY: 63527
PHONE #: 712/830-9886

FOCD TYPE: Assistance
FOCD NUMBER: 100666
ToDoist/Boomerang: None

NOTES:
See previous email.

Re: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 4:57 PM
DATE: 5/11/18
CHECKED TIME: 1645
RECEIVED TIME: Fri, May 11 @ 1:14 p.m.
LENGTH: 36 seconds
IN/OUT/RETURN: Incoming voicemail

OTHER PARTY: Derek Rothe
COMPANY: NFS
PHONE #:

FOCD TYPE:
FOCD NUMBER:
ToDoist/Boomerang:

NOTES:
Could you email me a copy of the CDS that you guys have on
file.
712/269-6417

Re: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 11 5:32 PM
DATE: 5/11/18
START TIME: 1504
END TIME: 1506
DURATION: 2
IN/OUT/RETURN: Incoming call

OTHER PARTY: Tom Scharfenkamp
COMPANY: 63527
PHONE #: Not noted

FOCD TYPE: Assistance
FOCD NUMBER:
ToDoist/Boomerang:

NOTES:
Please send a copy of the CDS that was submitted.

Re: Proposed deep pit barn for Tom Scharfenkamp

Dan p. May 14 11:06 AM
Tom was not able to download a copy of MWPS-36 over the weekend but expects to pick one up at the ISU bookstore in Ames today and will get a revised CDS in tomorrow or Wednesday. I emailed a copy of the CDS that he originally submitted.

180514.Tom Scharfenkamp CDS.pdf

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