



May 12, 2017

Mr. Rob Boswick
Environmental Engineer
Manitoba Sustainable Development
Environmental Approvals Branch
2nd Floor, 123 Main Street
Winnipeg, MB R3C 1A5

Dear Mr. Boswick:

**Subject: Notice of Alteration – Environment Act Licence #3190 – Addition of
Agricultural Land to Biosolid Application Program
Client ref.: 14M-00376-01**

INTRODUCTION

WSP Canada Group Limited (WSP) has been retained by Granny's Poultry Cooperative Ltd. (Granny's) to manage the execution of the Environment Act Licence No. 3190 being the removal of biosolids and sludge solids from an existing wastewater storage pond located in NE-27-07-06EPM in the Rural Municipality of Hanover, the transportation, and the disposal by incorporation of the biosolids and sludge solids to agricultural land located within NW-09-08-06EPM in the Rural Municipality of Ste. Anne (note that in the EAL #3190 it states the agricultural land is located within the RM of Hanover).

Through the process of planning for the land application program it has been determined that a Notice of Alteration (NOA) for EAL #3190 is likely required. The NOA is to request an amendment to Clause 8. The NOA is to request the addition of two alternative agricultural fields that had not been included in the previous Environment Act Proposal submitted by MMM Group Limited, now WSP:

- Environment Act Proposal Report for Granny's Poultry for Land Application of Lagoon Sludge, Blumenort, Manitoba; completed on behalf of Granny's Poultry Cooperative Ltd. Prepared by MMM Group Limited, Winnipeg, MB. February 2015. Project No. 3314347-000.

BACKGROUND

EAL #3190 was granted to Granny's for the removal of sludge solids from its wastewater lagoon pond located at NE27-07-06EPM, southwest of the Granny's facility in Blumenort, MB. Analysis for both Cell 1 (west) and Cell 2 (east) were sampled December 22, 2014, with analysis reported January 13, 2015 for all required parameters. Stockpiled material was resampled August 11, 2016, with analysis reported on August 18, 2016 for total phosphorus and nitrogen.

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Due to adverse, wet weather in the fall of 2016, land application of the stockpiled material was unable to occur due to moisture in the fields. The addition of the two additional fields is to provide a measure of risk management due to inclement weather in 2017.

SCOPE OF NOA

The scope of this NOA is to provide Manitoba Sustainable Development (MSD) with information regarding changes to EAL #3190 Clause 8.

The approval of this NOA request in a timely manner would be greatly appreciated as Granny's would like to land apply the lagoon sludge this fall, 2017.

SCHEDULE OF EVENTS

The project tasks and schedule of events for the proposed project are outlined below:

- Notice of Alteration submitted to MSD – **May 2017**
- Notice of Alteration approval by MSD – **June 2017**
- Soil sampling of additional cooperating farm producer land base, prescription land application rates determined and submitted to MSD for approval – **August - September 2017** (Post Harvest)
- Land application of lagoon sludge from Granny's wastewater pond – **Post Harvest 2017**

CLAUSE 8: FIELDS AVAILABLE FOR BIOSOLID APPLICATION

Clause 8 of EAL #3190 designates that sludge only be applied to agricultural land on NW-09-08-06EPM in the Rural Municipality of Ste. Anne.

The cooperating farm producer (Arnold Reimer) fields confirmed for this NOA are as follows; Parts of NW and SW-18-08-6EPM (54 ha) and Parts of SW and SE-13-08-5EPM (43 ha).

DOMINANT SOIL SERIES

The dominant soil series identified in the original and alternative agricultural fields include two soils series; Osborne and Red River. The addition of the two alternative fields does not result in the addition of any new soil series. The descriptions and suitability of said soil series can be found in the EAP submitted to MSD in 2015. The total land area for Osborne and Red River series is 28.7 ha and 68.6 ha, respectively.

CANADA LAND INVENTORY (CLI) – SOIL CAPABILITY FOR AGRICULTURE

There were no changes to the dominant CLI soil capability for agricultural classification with the additions of the two fields. The two dominant classes consisting of 2W and 3W.

NUTRIENT MANAGEMENT ZONES

The Water Protection Act (C.C.sMc W65, 2005), Nutrient Management Regulation (62/2008) outlines criteria for the application of nutrients to agricultural land. The original field (NW-09-08-06EPM), including the addition of the two alternative fields, indicates that there are



approximately 159 ha of category N1 Nutrient Management Zone. Data for the soil series, CLI and Nutrient Management zones was accessed through the Manitoba Land Initiative (MLI, <http://mli2.gov.mb.ca/>) on March 20, 2017.

CONCLUSION

WSP is retained by Granny's Poultry Cooperative Ltd. to complete the removal of sludge solids from their Wastewater Pond as required by EAL #3190. Through the process of reviewing EAL #2994 and planning for the land application program it has been determined that a Notice of Alteration (NOA) for EAL #3190 is required. This NOA is based upon the previously granted EAL #3190 and the accepted Environment Act Proposal submitted by MMM in 2015.

The land base included in this submission includes two alternative fields to the land application program (Section 18-08-6EPM (52 ha) and Section 13-08-5EPM (43 ha)). Within these two additional fields there are no new additions to soil series, the CLI classifications or the Nutrient Management Zones.

We respectfully request approval from MSD for this NOA request by June 30, 2017 to permit continued planning for the land application program in 2017. Should MSD have any further questions or require further clarification, please contact the undersigned at 204.259.1488 or Darren.Keam@wsp.com

Yours sincerely,

WSP Canada Group Limited

Prepared by:

Brian Moons, B.Sc., EPT

Biologist

Reviewed by:

Darren Keam, M.Sc., P.Ag.

Senior Project Manager

BM/dk
WSP ref.: 14M-00376-01

Keam, Darren

From: Keam, Darren
Sent: May-13-17 9:23 PM
To: Arnold Reimer
Cc: Keam, Darren
Subject: Re: Grannys Landuse Agreement

Yes by email is perfect thank you

Darren Keam
WSP
Environmental Management
1-204-250-4010

Sent from my iPhone

On May 13, 2017, at 9:03 PM, Arnold Reimer <acreimer@yahoo.ca> wrote:

Hi Darren
If I understand correctly I can just give you the go ahead by email. If that's the case you have my approval. If you need more please let me know.

Arnold

Sent from my iPhone

On May 12, 2017, at 4:09 PM, Keam, Darren <KeamD@mmm.ca> wrote:

Arnold,

I realize that this is a bad time to bug you in the middle of a great spring planting weather, but I neglected to request from you earlier approval for the land use agreement.

Please find attached the land use agreement for the two additional parcels (Parts of NW and SW 18-08-06EPM (54ha) and Parts of SW and SE 13-08-05EPM (43ha), this is the same agreement for the current field.

Your email response / approval is sufficient for this agreement.

Best regards,

Darren

Darren Keam, M.Sc., P.Ag
Manager
Environmental Management

<image001.png>

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<LanduseAgreement_Grannys_AReimer_12May2017.docx>

STATUS OF TITLE

Title Number **1110378/1**
Title Status **Accepted**
Client File **14M-00376-01**

The Property Registry

A Service Provider for the Province of Manitoba



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

DELMERA HOLSTEINS INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED HEREON IN THE FOLLOWING DESCRIBED LAND:

PARCEL 1: WLY 880 FEET OF S 1/2 OF SE 1/4 13-8-5 EPM
EXCEPTING ALL MINES AND MINERALS
PARCEL 2: ELY 880 FEET OF S 1/2 OF SW 1/4 13-8-5 EPM

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

Instrument Type:	Mortgage
Registration Number:	3922682/1
Instrument Status:	Accepted
Registration Date:	2010-05-05
From/By:	DELMERA HOLSTEINS INC.
To:	STEINBACH CREDIT UNION LIMITED
Amount:	\$1,000,000.00
Notes:	No notes
Description:	No description

3. ADDRESSES FOR SERVICE

DELMERA HOLSTEINS INC.
BOX 78, RR #1
STE. ANNE, MANITOBA

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Winnipeg

6. DUPLICATE TITLE INFORMATION
Duplicate not produced
7. FROM TITLE NUMBERS
J45335/1 All
8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS
No real property application or grant information
9. ORIGINATING INSTRUMENTS
Instrument Type: Request Electronic Title Conversion
Registration Number: 1169586/1
Registration Date: 1989-06-22
From/By: WLTO CONVERSIONS
To:
Amount:
10. LAND INDEX
SE 13-8-5E
W 880 FT OF S 1/2 EXC RES
SW 13-8-5E
E 880 FT OF S 1/2

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE SYSTEM OF TITLE NUMBER 1110378/1

STATUS OF TITLE

Title Number **1461224/1**
Title Status **Accepted**
Client File **14M-00376-01**

The Property Registry

A Service Provider for the Province of Manitoba



1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

DELMERA HOLSTEINS INC.

IS REGISTERED OWNER SUBJECT TO SUCH ENTRIES RECORDED HEREON IN THE FOLLOWING DESCRIBED LAND:

LEGAL SUBDIVISIONS 5, 6, 11 AND 12 OF SECTION 18-8-6 EPM
EXC OUT OF SAID LEGAL SUBDIVISION 6: ELY 754 7/8 FEET
EXC OUT OF SAID LEGAL SUBDIVISION 11: ELY 765.6 FEET AND
EXC OUT OF SAID LEGAL SUBDIVISION 5: PLAN 33829 WLTO

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

Instrument Type: **Caveat**
Registration Number: **205028/1**
Instrument Status: **Accepted**

Registration Date: 1967-03-30
From/By: MANITOBA TELEPHONE SYSTEM
To:

Amount:
Notes: WLY 16.5 FT OF L.S. 5 & 12
Description: No description

Instrument Type: **Mortgage**
Registration Number: **3922682/1**
Instrument Status: **Accepted**

Registration Date: 2010-05-05
From/By: DELMERA HOLSTEINS INC.
To: STEINBACH CREDIT UNION LIMITED

Amount: \$1,000,000.00
Notes: No notes
Description: No description

3. ADDRESSES FOR SERVICE
DELMERA HOLSTEINS INC. BOX 78A R.R # 1 STE ANNE, MB R5H 1R1
4. TITLE NOTES
No title notes
5. LAND TITLES DISTRICT
Winnipeg
6. DUPLICATE TITLE INFORMATION
Duplicate not produced
7. FROM TITLE NUMBERS
1145707/1 Balance
8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS
No real property application or grant information
9. ORIGINATING INSTRUMENTS
Instrument Type: Request To Issue Title Registration Number: 2051880/1
Registration Date: 1996-08-21 From/By: DELMERA HOLSTEINS INC. To: Amount:
10. LAND INDEX
NW 18-8-6E L.S. 11 & 12 EXC OUT OF L.S. 11, ELY 765.6 FT
SW 18-8-6E L.S. 5 & 6 EX IN L.S. 6 E754 7/8' & L.S. 5 PL 33829

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE SYSTEM OF TITLE NUMBER 1461224/1

STATUS OF TITLE

Title Number **1932376/1**
Title Status **Accepted**
Client File **14M-00376-01**

The Property Registry

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1. REGISTERED OWNERS, TENANCY AND LAND DESCRIPTION

MELVIN WARKENTIN AND MARGARET WARKENTIN
BOTH OF STE. ANNE IN MANITOBA

ARE REGISTERED OWNERS AS JOINT TENANTS SUBJECT TO SUCH ENTRIES
RECORDED HEREON IN THE FOLLOWING DESCRIBED LAND:

FIRSTLY: ELY 765.6 FEET OF NW 1/4 18-8-6 EPM
EXC WATER CONTROL WORKS PLAN 7778 WLTO
SUBJECT TO THE RESERVATIONS CONTAINED IN THE CROWN LANDS ACT

SECONDLY: ELY 754.875 FEET OF N 1/2 OF SW 1/4 18-8-6 EPM
SUBJECT TO THE RESERVATIONS CONTAINED IN THE CROWN LANDS ACT

The land in this title is, unless the contrary is expressly declared, deemed to be subject to the reservations and restrictions set out in section 58 of *The Real Property Act*.

2. ACTIVE INSTRUMENTS

No active instruments

3. ADDRESSES FOR SERVICE

MELVIN WRAKENTIN
BOX 120, R.R. #1
STE. ANNE MB

MARGARET WARKENTIN
BOX 120, R.R. #1
STE. ANNE MB

4. TITLE NOTES

No title notes

5. LAND TITLES DISTRICT

Winnipeg

6. DUPLICATE TITLE INFORMATION

Duplicate Produced for: **HOLD FOR PROD OF DUPL CT NO(S)
E52387**

7. FROM TITLE NUMBERS

E52387/1 All

8. REAL PROPERTY APPLICATION / CROWN GRANT NUMBERS

No real property application or grant information

9. ORIGINATING INSTRUMENTS

Instrument Type: **Request Electronic Title Conversion**
Registration Number: **2816685/1**

Registration Date: 2003-02-05
From/By: WINNIPEG LAND TITLES OFFICE - CONVERSION
To:
Amount:

10. LAND INDEX

NW 18-8-6E
ELY 765.6' EX WCW PL 7778 EX RES

SW 18-8-6E
E754.875' OF N 1/2 EX RES

CERTIFIED TRUE EXTRACT PRODUCED FROM THE LAND TITLES DATA STORAGE SYSTEM OF TITLE NUMBER 1932376/1