



LAKE OF THE PRAIRIES CONSERVATION DISTRICT

Building 211, P.R. # 366
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NUTRIENT BUFFER ZONE ESTABLISHMENT PROGRAM

Definition: In accordance with Manitoba's Nutrient Management Regulation, Nutrient Buffer Zones have been designated as water quality management zones and must be managed according to the section 10 of the regulation, which states that no person shall apply a substance containing nitrogen or phosphorus to land within the Nutrient Buffer Zone.

Program Purpose:

The Lake of the Prairies CD will pursue the establishment of permanent nutrient buffer zones along permanent and semi-permanent rivers, streams, marshes, and lakes. Project locations may be identified by Lake of the Prairies CD board members or staff, or may be referred to the Lake of the Prairies CD by Applicants. The width of a nutrient buffer zone will be determined as per the specifications listed in the Nutrient Buffer Zone table (Appendix A).

Program Objectives:

- To protect surface water quality in water channels and bodies.

Program Benefits:

- Contributes to shoreline stabilization
- Provides wildlife habitat
- Eliminates field runoff from blocking drains and crossings with excess residue and topsoil

Eligibility:

- Lands must be within the Lake of the Prairies CD;
- Proposed nutrient buffer zone(s) must agree with the definition provided in Appendix A;
- Priority will be given to those lands that are adjacent to vulnerable water bodies or located in high risk areas
- All applications must be made out by the owner of the land;
- Crown Land must be made out in the Leasee's name; and
- Late applications will not be accepted;

TERMS AND CONDITIONS

Applicant Responsibility:

- Fill out an application & return to Conservation District office prior to May 29 (mail applications must be postmarked no later than May 29);
- Sign consent of entry including any agreed upon or special conditions;
- Shall establish nutrient buffer zone in same year of application;
- Shall not break, pasture, burn, cultivate or in any way cause or permit to be caused damage to the buffer zone; and
- Replace at 100% cost if damage is result of any of the above.

Conservation District Responsibility:

- Inspect annually after spring run-off up to a period of four years of establishment.

General Terms and Conditions:

- Subject to the above terms, the Agreement shall become effective and shall be binding upon both parties;
- This program will be subject to funds appropriated;
- The District reserves the right to establish priorities for providing such services and assistance; and
- Failure of Applicant to meet Applicant Responsibilities may negate his eligibility for other District programs.

Project Funding/Cost-sharing/Incentives

Lake of the Prairies CD will provide \$50.00 per acre (permanent vegetation coverage) or \$37.50 per acre (non-permanent vegetation coverage) reimbursement up to a maximum of \$750.00 per Applicant once nutrient buffer zone establishment is verified by CD Staff.

APPENDIX A

A Nutrient Buffer Zone consists of the following:

- (a) land within 15 metres of the edge of a groundwater feature, or within 20 metres of it if that area is not covered by permanent vegetation ("groundwater feature" means a sinkhole, a spring or a well other than a monitoring well);
- (b) land within a roadside ditch or an Order 1 or 2 drain;
- (c) land between the water's edge and the high water mark of a wetland, bog, marsh or swamp other than a *major wetland, bog, marsh or swamp;
- (d) land adjacent to a water body listed in the Nutrient Buffer Zone table (Appendix A), having a width from the water's edge to a point that is the distance set out in column A or B, as the case may be, from
 - (i) the water body's high water mark, or
 - (ii) the top of the outermost bank on that side of the water body, whichever is further from the water.

NUTRIENT BUFFER ZONES

Water Body	Setback if applicable area is covered with permanent vegetation (Column A)	Setback if applicable area is not covered with permanent vegetation (Column B)
<ul style="list-style-type: none"> • a roadside ditch or an Order 1 or 2 drain[†] 	No direct application to ditches and Order 1 and 2 drains	
<ul style="list-style-type: none"> • a groundwater feature 	15 m (49 ft)	20 m (66 ft)
<ul style="list-style-type: none"> • a wetland, bog, marsh or swamp other than a major wetland, bog, marsh or swamp[‡] 	Distance between the water's edge and the high water mark	
<ul style="list-style-type: none"> • a lake or reservoir designated as <u>vulnerable</u>** 	30 m (98 ft)	35 m (115 ft)
<ul style="list-style-type: none"> • a lake or reservoir (not including a constructed stormwater retention pond) not designated as <u>vulnerable</u>** • a river, creek or stream designated as <u>vulnerable</u>** 	15 m (49 ft)	20 m (66 ft)
<ul style="list-style-type: none"> • a river, creek or stream not designated as <u>vulnerable</u>** • an Order 3 or higher drain[†] • a major wetland, bog, marsh or swamp[‡] • a constructed stormwater retention pond 	3 m (10 ft)	8 m (26 ft)

*Nutrient Buffer Zone is measured from the water body's high water mark or the top of the outermost bank on that side of the waterbody, whichever is further from the water.

[†]Designated on a Manitoba Water Stewardship plan that shows the designation of drains.

[‡]As defined in 1(2) in the Nutrient Management Regulation under *The Water Protection Act*. "For the purposes of this regulation, a wetland, bog, marsh or swamp is major if

- a. it has an area greater than 2 ha (4.94 acres)
- b. it is connected to one or more downstream water bodies or groundwater features; and
- c. it contains standing water or saturated soils for periods of time sufficient to support the development of hydrophytic vegetation."

**Designated as vulnerable if listed in the Schedule in the Nutrient Management Regulation under the *Water Protection Act*.



Lake of the Prairies Conservation District

NUTRIENT BUFFER ZONE APPLICATION FORM

Bldg. 211, P.R. # 366
P. O. Box 31
Inglis, MB R0J 0X0
Phone: (204) 564-2388
Fax: (204) 564-2637
Email: lpcd@mts.net

APPLICANT NAME:							PHONE NUMBER:	
MAILING ADDRESS:								
PROJECT SITE:	QTR:		SEC:		TWP:		RGE:	
REGIONAL MUNICIPALITY:								

**NOTE: APPROVED APPLICATIONS/PROJECTS EXPIRE ON SEPTEMBER 30, 2009.
ANY APPROVED PROJECTS NOT COMPLETED BY SEPTEMBER 30, 2009 WILL BECOME NULL AND VOID.
LPCD MAY OFFER TO EXTEND FUNDING UNTIL OCTOBER 31, 2009, BASED ON LANDOWNER CIRCUMSTANCES.**

PROJECT DIAGRAM

(Please indicate water location, and proposed length and width of buffer strip.)



PROJECT SPECIFICS

Current Land Use:	
Protected Water Channel:	
Proposed Coverage Type :	
Other pertinent information:	

Please read all conditions and responsibilities listed in the attached document.

I hereby declare that I have read and understand the conditions of the Nutrient Buffer Zone Program and I agree to abide by the said terms. I further agree to fully cooperate with the Conservation District Board in completing and maintaining the project as outlined.

Signature of Applicant

Date of Application

OFFICE USE ONLY

DATE RECEIVED:		APPLICATION #:		LETTER SENT:	
DATE REVIEWED:		APPROVED:		RES. #:	
COMPLETED:		AMOUNT PAID:		CHEQUE#:	