



On-Farm Fuel Storage

Background/Objective:

Agricultural operations utilize potentially hazardous products which, if not stored and handled properly, may negatively impact the environment as well as human and animal health. Specifically, the potential risk of contamination of the soil under and around fuel storage tanks, and subsequent movement of that contamination into surface and or ground water, can be reduced by employing secondary containment for fuel storage systems and utilizing enhanced fuel handling equipment.

Conditions for Eligibility:

In addition to the general conditions for eligibility for the Growing Assurance – Environment Program, in order to be eligible for the On-Farm Fuel Storage BMP, Applicants must also own, rent, lease, manage or otherwise control a minimum of **320 acres of agricultural land** used to produce agricultural products.

Relevant sections of the Manitoba Environmental Farm Plan Workbook:

- Storage of Petroleum Products (B6)

Practices eligible for funding:

Eligible Practice	Practice Code	Cost Share Ratio (Gov to applicant)	Category Cap
Purchase and/or installation of a new, Underwriters' Laboratories of Canada (ULC) approved double walled fuel storage tank and decommissioning/removal of an existing, single walled fuel storage tank.	1501	30:70	\$5,000
Engineering or consultative fees	1502		
Earthworks	1503		
Collision protection around fuel storage tanks	1504		
Electrical (for area lighting, pump operation, etc)	1505		

Eligible costs and in-kind contributions:

Eligible Costs	Double walled, ULC approved fuel storage tanks
	Stable platform / tank access steps
	Meters, pumps, hoses an auto shut-off nozzle
	Decommissioning or removal of existing fuel storage tank (only with the installation of a new tank)
	Engineering, consultative and permit fees
	Earthwork, construction of tank base (gravel, compacted clay, concrete, etc)
	Collision protection around fuel storage tanks such as bollards, posts, jersey barriers, large concrete curbs, etc.
	Electrical connections and installation, including lighting for the fueling area
Eligible in-kind costs	Labour (\$20 per hour)
	Use of applicant's equipment (at set program rates)
Ineligible Costs	Portable slip tanks
	In-kind materials such as clay, rock, gravel
	Transportation of soil or other materials away from the project site
	Transportation of decommissioned fuel storage tank to waste disposal or metal recycling facility
	Cost of installed equipment's operation and maintenance
	Petroleum tanks that are not ULC approved
	Catch trays for oil or gas
	Purchase of a new or used single walled fuel storage tank
	Site assessment costs that do not contribute directly to the installation of a new, double walled fuel storage tank

Project Planning and Requirements:

- **Only applicants who will be decommissioning an existing fuel storage tank and replacing it with a new, double walled fuel storage tank will be eligible under this BMP program.** The purchase of a new or used single walled tank is **NOT** eligible. The purchase of individual items as add-on's to existing single or double walled tanks are **NOT** eligible. **None of the eligible costs are a standalone project – they must be part of a complete system.**
- Successful applicants must decommission and dispose of old fuels tank(s) in a manner acceptable to Conservation and Water Stewardship (CWS) and provide photo proof of tank being decommissioned / removed / at disposal site along with their claim in order to be eligible for reimbursement.

- Fuel storage tanks 5,000L (1,320 US gal) or greater require a permit to install/decommission said tank from CWS and the respective municipality, and require a Licensed Petroleum Technician (LPT) to install/decommission (or supervise installation/decommissioning of) said tank. Installation/decommissioning of fuel storage tanks less than 5,000L (1,320 US gal) do not require a Permit from CWS nor do they require an LPT to install/decommission said tank, however they may require a permit from the respective municipality and the installation/decommissioning must be carried out in a manner acceptable to CWS.
- Applications for this BMP will be approved based on a **first-come, first-served basis**. Therefore only email and fax applications will be accepted.

For more information:

Contact your local MAFRD GO Centre or email agrienv@gov.mb.ca.

Reference materials:

The following reference materials will provide you with more information on fuel storage:

- **Manitoba Conservation and Water Stewardship**

Petroleum Product and Allied Product Storage and Handling website
<http://www.gov.mb.ca/conservation/envprograms/psp/index.html>

THE DANGEROUS GOODS HANDLING AND TRANSPORTATION ACT (C.C.S.M. c. D12)
 Storage and Handling of Petroleum Products and Allied Products Regulation (MR188/2001)
http://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=188/2001%20

- **Alberta Agriculture and Rural Development**

Farm Fuel Storage and Handling - Planning Your Fuel Storage Site - What You Need to Know
[http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/agdex12370](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/agdex12370)

*Note: This information gives a good overview of the process. Applicants must ensure they meet all relevant provincial regulations and permit requirements for *Manitoba*.