File No. (Office use only)

Canada-Ontario Farm Stewardship Program

April 2009

Project Justification and Assurances Form

FARMYARD RUNOFF CONTROLS—

Roofed Livestock Yard & Impermeable Base

Beneficial Management Practices Category: 502

The Proposed Project is a:

☐ (a) roof over an existing yard area; or

☐ (b) roofed equivalent area to replace an existing open yard area.

Proposed projects will require the submission of additional information to OSCIA. A pre-construction inspection by an OMAFRA Nutrient Management Specialist to ensure that the project will significantly reduce the environmental impact of the existing facilities.

☐ Support letter is included

or

☐ Site visit has been arranged and letter will be forthcoming

AND

☐ Nutrient Management Strategy is completed and approved
ID#_____

Describe how this project will result in environmental improvement:

_____

_____

_____

Describe how contaminated runoff is to be managed or eliminated:

_____

_____

_____

Site plan showing existing and proposed structures.
Please indicate wells, livestock housing, manure storage and runoff areas if relevant

Please indicate "Yes' or "No' to the following statement:

	Yes	**No**
I have read, understood, and agree to abide by the Construction Guidelines that have been supplied and that apply to my planned project.	☐	☐

_____
Name of Applicant (please print)

_____ _____
Signature of Applicant Date

Please remove this top sheet and return with original signature to:
Ontario Soil and Crop Improvement Association
1 Stone Road West
Guelph ON N1G 4Y2

April 2009

CONSTRUCTION GUIDELINES FOR FARMYARD RUNOFF CONTROLS— UPSTREAM DIVERSIONS and DOWNSTREAM PROTECTION

This is a general information package which has been specifically assembled for producers who have expressed interest in utilizing government cost-share programs in the following beneficial management practices categories:

Category Practice Code 0501: Farmyard Runoff Control—Upstream Diversion and Downstream Protection (e.g. catch basins, retention ponds, constructed wetlands)

Program participants are required to read, understand and abide by the construction guidelines.

The Project Justification and Assurances Form (also enclosed) must be completed and signed accordingly before being returned to the OSCIA Guelph office. Final approval for the proposed project will not be issued without the submission and acceptance of this form.

Please note the mitigation stated below applies to most, **but not necessarily all** projects. Program participants are responsible for applying appropriate mitigation.

Project Design and Planning

- Program participants are responsible for obtaining licenses, permits, approvals or authorizations and complying with all applicable municipal, provincial and federal legislation.
- All runoff should be collected and stored. Participants must refer to Worksheet #9, Livestock Yard and Outdoor Confinement Areas in the Canada-Ontario Environmental Farm Plan Program, Third Edition Workbook, 2004 (or earlier version). EFP rating of 3 is the minimum acceptable level with 4 being preferred.
- Catch basins, retention ponds, constructed wetlands and other runoff controls may require engineering designs and the designs must be approved by OMAF. Contact your local OMAF office for assistance.
- Program participants should follow the appropriate Best Management Practice (BMP) guidelines for the activity.
- Insert OMAF BMP Project Justification and Assurance Form.

General Construction Guidelines

Wildlife and Species at Risk Section

- Minimize disturbance to fish and wildlife by scheduling work to avoid sensitive periods (i.e., spawning, nesting, migration, staging, breeding, hibernation or nursing) and areas (i.e., residence, wildlife movement corridors). Comply with any applicable 'no construction' timing windows.
- May need to consult COSEWIC (Committee on the Status of Endangered Wildlife in Canada) species list (federal) and the provincial list on rare and endangered species.
  Federal: http://www.cosewic.gc.ca;
  Provincial: http://www.rom.on.ca/ontario/risk.php
  (Please contact Steve Bowcott at the Ministry of Natural Resources (705) 755-1754 for assistance.)
- Survey the area for active nests, burrows or dens prior to clearing, and avoid disturbing them.
- If migratory birds are breeding in the project area, contact Environment Canada regarding appropriate measures to protect them. (Please contact Andrew Taylor at Environment Canada (905) 336-4464.)

- If any aquatic species at risk are known or expected to be present at any time within or adjacent to the project area, consult with Fisheries and Oceans Canada specialists or the relevant provincial authority regarding measures to avoid harmful disturbance. Contact your local Conservation Authority.
- Use existing roads and trails for site access where possible.

Soil Erosion and Sediment Control

- Effective short term erosion and sediment controls should be installed prior to work and maintained until the site has been stabilized.
- Phase work to minimize duration of exposure of disturbed areas.
- Divert surface runoff away from working areas and areas of exposed or susceptible soils, where feasible.
- Ensure earthworks do not intensify flood hazards or create undesired obstructions to drainage into natural water bodies.
- Ensure that any sediment laden water is discharged onto land or into a settling pond prior to re-entry into a water body (during construction, pipeline washing, etc).
- Postpone clearing of slopes (as required) until immediately prior to construction.
- If prolonged period of exposure is expected, stabilize stored and stockpiled soils against wind and water erosion by using temporary cover.
- Remove accumulated sediments prior to removal of controls, where feasible.
- Avoid dewatering in sensitive groundwater areas or near wells, where feasible

Construction Equipment and Operation

- Clean all machinery and equipment prior to transport to new construction areas.
- Construction equipment must be properly maintained to prevent leaks and spills of fuels, lubricants, hydraulic fluids, or coolants.
- Participant should have spill clean up materials on site. In the event of any reportable petroleum product or hazardous material spills, appropriate provincial authorities must be notified. Ensure emergency contact numbers are available on site.

Wastes

- Storage, handling and disposal of wastes and hazardous waste materials, will be done properly and in accordance with all relevant municipal, provincial and federal legislation.

Site Preparation

- Prepare the site according to the project plan including the erosion and sediment controls.
- Keep site clearing to a minimum and minimize disturbance to ground surface and vegetation, especially those that affect infiltration and runoff characteristics.
- All topsoil stripped and disturbed during the project should be salvaged and replaced as quickly as possible to encourage revegetation.
- Stabilize slopes as appropriate for local site conditions.

Construction

- Avoid work activities during excessively wet site conditions.
- Reduce vehicle emissions from heavy equipment by reducing/eliminating idling and also by properly maintaining/servicing the heavy equipment.
- Fuelling and/or servicing of mobile construction equipment and the storage of fuel and hazardous materials are not to occur within 100m of a surface water body.
- In the event that any cultural or heritage resources (bones, pottery) are discovered, construction must cease and the Ministry of Culture should be notified immediately. (Please contact Neil Chisholm at the Ministry of Culture at (416) 314-7148 who will direct
-

you to the responsible Heritage Planner for the area.) If this occurs, construction will occur as directed by the Ministry of Culture.

Post Construction

- Restore or re-vegetate all disturbed areas, including riparian areas, to pre-construction conditions, as soon as possible and to the fullest extent possible. All re-vegetation should be done with species that existed prior to construction or suitable species as planned (preferably native).
- Remove and dispose of wastes and hazardous waste materials from site properly and in accordance with all relevant municipal, provincial, and federal legislation as planned.