

7. Nutrient Management	Grant Rate	Grant Ceiling	Application Date
	75%	\$12,000	November 1st, 2020
<p>Purpose:</p> <ul style="list-style-type: none"> On-farm projects that improve local water quality through the reduction and elimination of excess nutrients from animal waste contamination and elimination or recycling of wastewater streams to recover nutrients before discharging to watercourses. 			
<p>Category Guidelines:</p> <ul style="list-style-type: none"> The Niagara Peninsula Conservation Authority must review and approve all projects before construction Projects will have an approved Nutrient Management Strategy that demonstrates that upgraded storage needs meet the MSTOR sizing requirements of section 69 of <i>Nutrient Management Act</i> Existing manure storages for non-regulated farm operations (not phased into <i>Nutrient Management Act</i>) All necessary permits/permissions must be obtained before project commencement 			
<p>Eligible Projects:</p> <ul style="list-style-type: none"> Solid & liquid manure storages (earthen, concrete, steel, roofed) tanks and in-barn (below barn) and improvements to prevent risks of contamination Runoff containment and storages Increased storage to meet winter spreading restrictions Clean water diversions Manure treatment technologies (i.e., dewatering, nutrient recovery systems, solid-liquid separation). Modifications to manure application equipment (i.e., high trajectory) for improved manure application. Manure volume-reducing in-barn modifications (i.e. liquid-solid separation technologies) Decommissioning of manure storage that is part of an improvement project Treatment trench systems, separate storage, transfer systems, vegetated filter strips that are designed to OMAFRA standards Transfer piping to suitable storages. Greenhouse recirculation equipment, collection, storage, transfer and treatment system Fruit and vegetable washing facilities Tile drainage control shutoff Other Innovative discharge treatment technologies Water meters to monitor the amount of wash water discharged and sumps when required Low-water use retrofits for sinks 			
<p>Eligible Costs:</p> <ul style="list-style-type: none"> Professional services (e.g., engineering costs) Approved construction materials Contractor labour Excavation services 			
<p>Ineligible Costs:</p> <ul style="list-style-type: none"> New or expanding operations Repair and maintenance of buildings Repair and maintenance of existing nutrient recovery equipment Equipment to move manure from storage to field (i.e., Pumping equipment) Transportation costs of exported manure or local haulage of manure Project permit fees Incineration units Manure storage additives & related technologies Decommissioning of manure storage that is not part of an improvement project Design, construction and installation costs of items not directly related to the recycling process Landowner labour costs Administrative costs 			

Potential Key Performance Indicators:

- Kg of phosphorus reduced
- Manure storage projects completed
- Waste water projects completed