

## Eligible Swan Lake Watershed District Projects

  = Projects SLWD had completed before

Activity	Description
<b>Surface Water Management</b>	
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Small dams (&lt;50 dam<sup>3</sup>)</span>	Small dam constructed with a drop inlet, spillway, screw gate, log insert structure, etc. that permanently or temporarily retains less than 50 dam <sup>3</sup> .
Large dams (>50 dam <sup>3</sup> )	Large dam that permanently or temporarily retains more than 50 dam <sup>3</sup> .
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Water retention project maintenance</span>	Maintenance work at existing water retention projects.
Gated culvert	Flap or screw gates installed on a culvert to temporarily control field runoff.
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Erosion control structures</span>	In-channel structures (ex. weirs, shale traps, rock structures) constructed to trap sediment and reduce erosion in waterways.
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Surface water flow and retention assessment</span>	Study conducted to determine goals, targets, and potential locations for water retention projects and ways to reduce surface water flows within a watershed or sub-watershed.
Urban rain garden	Urban rain gardens developed to manage surface water flow.
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Water control works applications reviewed</span>	Water control works applications reviewed by the board.
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Water control works applications submitted</span>	Water control works applications submitted for a district project.
Beaver dam removal	All methods of beaver dam removal from drains to restore water flow.
Beaver incentives	Incentives to local trappers to control beaver populations in specific areas.
Pond levelers	Infrastructure installed to manage water levels at a pond/wetland.
Beaver deceivers	Infrastructure attached to a culvert in attempt to stop beavers from plugging it.
<b>Nutrient Reduction and Water Quality Protection</b>	
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Grassed waterway</span>	Shaping and sloping of a natural waterway across a field to establish grassed cover and reduce soil erosion.
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Gully stabilization</span>	All methods or techniques used to re-shape and stabilize a gully to reduce further soil erosion.
Buffer strips	Establishment of forages or other plantings along field edges, drains, waterways, wetlands and lakes to reduce erosion and nutrient runoff. May also be implemented along with streambank stabilization projects (below) or riparian conservation through GROW (row 31 below).
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Streambank stabilization (riparian enhancement)</span>	Enhancement of degraded riparian areas; includes hard and soft engineering works to stabilize streambanks and reduce soil erosion. Include number of trees and shrubs planted. May also be implemented along with establishment of buffer strips (above).
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Riparian area conservation</span>	Conservation of healthy, at-risk riparian areas (eligible through GROW). Landowner agreements only - does not include establishment works for enhancement
<span style="background-color: yellow; border: 1px solid black; padding: 2px;">Livestock - alternative watering systems</span>	Alternative/off-site watering systems intended to restrict livestock direct access to a waterway and/or provide a better water supply.

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Livestock - pasture pipeline	Pasture pipelines installed for livestock watering.
Livestock - riparian area fencing	Fencing to restrict livestock access to riparian areas and improve riparian area and aquatic health.
Livestock - rotational grazing	Rotational grazing systems to improve livestock and pasture health.
Livestock - crossings	Designated livestock crossings to eliminate additional impacts on riparian areas and in waterways.
Livestock - confinement relocation	Measures taken to relocate a confined livestock area away from a waterway.
Livestock - manure composting	Rentals for manure compost turner or programs related to manure composting.
Livestock - portable windbreaks	Portable windbreak protection for livestock.
Soil health - forage establishment or rejuvenation (seeding)	Cover for marginal land to reduce erosion and increase water holding capacity.
Soil health - cover crops, polycrops (seeding)	Cover crops, polycrops, intercrops, winter cereals to diversify agricultural plantings and improve soil health and water holding capacity. If these projects include livestock integration - include "head of cattle" as well).
Soil health - salinity control (seeding)	Cover for marginal land - saline areas.
Soil health - soil quality indicator testing	Soil health assessment tests
Runoff control (farmyard, acreage)	Runoff control or diversion of water to prevent flow through contaminated or hazardous areas.
<b>Habitat Conservation and Enhancement</b>	
Temporary wetland conservation (Classes 1, 2)	Conservation of temporary (class 1 and 2) wetlands (eligible through GROW).
Wetland enhancement	Enhancement of wetlands ex. Inter-pothole seeding, watering systems, grazing management. Include other metrics for seeding, livestock, etc. in relevant rows above (e.g., seeding to forages or alternative watering systems).
Wetland restoration	Restoration of drained or degraded wetlands.
Constructed wetlands	Construction of a wetland where one did not previously exist.
Duck nesting structures	Duck nesting structures/tunnels/baskets maintained or established.
Fish Enhancement - lake aeration	Lake aeration projects to increase lake oxygen levels and winter survival rates.
Fish Enhancement - rearing ponds	Waterbody for rearing fish stocks.
Fish Enhancement - stocking	Fish stocking project in partnership with provincial Fisheries Branch.
Riparian and aquatic assessments	Assessment of conditions of riparian and aquatic habitat on a waterway.
Aquatic habitat creation	Construction or alteration of in-stream structures intended to facilitate upstream fish passage and increase available fish habitat.
Upland area conservation	Grassland or wooded area conservation (eligible through GROW). Landowner agreements only - doesn't include establishment works. Report upland restoration establishment in relevant categories above (soil health, livestock management, etc).
Trees - field shelterbelts	Field shelterbelt plantings.
Trees - private woodlot management	Woodlot management plans developed in association with the district.
Trees - tree planting	Trees planted by the district, not part of a field shelterbelt project (e.g., urban sites)

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Trees - community tree nursery	A district-run tree nursery to grow trees for future planting within district. Report on the number of trees added to the nursery for the year.
Trees - seedlings provided	Seedlings provided/sold to landowners to be planted in district.
Conservation corridors	Conservation corridors maintained by the district.
Land acquisition	Purchase of land by the district.
Trails and property maintenance	Maintenance, improvement or establishment of nature, walking, or recreational trails and property located on private or Crown land.
Conservation Agreement - Total	Total number and area (Ha) of conservation agreements signed in partnership with conservation agencies Note: conservation easements/agreements signed through a partnership between district and conservation agencies eligible under the Conservation Agreements Act: Eligible Conservation Agencies Regulation 152/98. <b>Does not include GROW agreements.</b>
Conservation Agreement - grasslands	Conservation agreement for grasslands and native range.
Conservation Agreement - riparian areas	Conservation agreement for riparian areas.
Conservation Agreement - wetland	Conservation agreement for wetlands.
Conservation Agreement - wooded	Conservation agreement for wooded, upland areas.
<b>Drinking Water Protection</b>	
Abandoned well sealing	Sealing/closing off abandoned wells to reduce the risks of groundwater contamination and to public safety.
Dormant well protection	Protection of a dormant well that landowner wishes to keep as an alternate water source.
Drinking water testing	Sampling and testing of residential drinking water quality from taps.
Well establishment	Establishment or re-establishment of a well to be used as a potable water source.
Well head remediation	Remediation work to protect an existing well head from risks of contamination.
Well inventory	Well inventory project conducted for groundwater protection, awareness, and public safety reasons.
Well shock chlorination	Addition of chlorine to 'shock' or disinfect a well.
<b>Watershed Education and Awareness</b>	
Banquets and watershed functions	Banquets and watershed functions organized and conducted by the district.
Tours and demonstrations	Includes sub-district, district, municipal or stakeholder tours of potential project sites, issues, demo sites, and active or completed projects.
Water festivals	An annual water festival hosted and led by the district.
Youth education	Youth educational initiatives and partnerships relating to increasing watershed awareness and improving watershed health (excluding water festivals).
Brochures	Brochures produced for distribution (Projects = number of publications. Metric 1 = numbers of brochures distributed).
Video or documentary	Videos or documentaries produced for watershed awareness and education purposes.
Website and social media	Websites and social media sites (ex. twitter, facebook, etc.) maintained.

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<b>Project or interpretive signs</b>	New or replacement signs to recognize projects, partnerships, programs, agreements, landowners, etc.
Eco-tourism	Projects, activities, or partnerships intended to develop local eco-tourism opportunities.
<b>Monitoring - surface water quality</b>	Surface water quality testing program, community-based monitoring, etc.
<b>Monitoring - groundwater</b>	Groundwater quality testing as part of an aquifer monitoring program.
Monitoring - benthic invertebrates	Benthic invertebrate monitoring program developed in partnership with provincial staff and used as an indicator of watershed health.
Best management practice research	Research work to assess the value of current or new BMPs in Manitoba are then shared with local residents.
<b>Geographic Information System (GIS)</b>	Providing GIS expertise, imagery or elevation data with municipalities, partners, or local landowners related to project and watershed management planning.
<b>Aerial surveys</b>	Drone/unmanned aerial vehicle (UAV) surveys conducted to assist with project planning and issue identification.
<b>Composters</b>	Composters sold to local residents.
<b>Rain barrels</b>	Rain barrels sold to local residents.
Water use efficiency	Number of incentives provided (i.e. low flow toilets, high efficiency laundry, etc.) to improve water use efficiency.
Water use efficiency planning	Planning initiatives to improve water use efficiency.
Strategic planning	Strategic planning initiatives to improve board governance.
<b>IWMP Planning</b>	Development of an IWMP.
<b>Environmental Farm Plan Workshops</b>	EFP Workshops planned or delivered with watershed district involvement.
<b>Environmental Farm Plans</b>	Producers with EFPs that participated in district programming.