

Drought and Flood Protection Program grant approvals

Round one – August 2024

The following Drought and Flood Protection Program (DFPP) grants have been approved by the Minister of Environment and Protected Areas. All approved projects will be cost-shared, with the Government of Alberta covering up to 70% of total eligible costs and the grant recipient(s) covering the remaining 30%.

All funds will be provided in 2024-25 unless otherwise noted.

Applicant and project name	Project description	Grant amount and disbursements
Alexander First Nation Alexander First Nation - Water Resiliency Assessment	The project involves using traditional knowledge and contemporary science to develop a water resiliency plan. The plan will involve community engagement, an engineering/hydrogeological assessment of watercourses near the Nation, a water infrastructure assessment and reporting.	\$175,000
City of Brooks Stafford Lake Stormwater Infrastructure and Monitoring Implementation	The project entails construction of a storm main along 1 Street and 9 Avenue connecting to Stafford Lake, a new stormwater pond in Fairview Park, floating treatment wetlands to improve water quality in Stafford Lake and installation of a water quality monitoring system.	\$4,074,140
City of Calgary Frazil Ice Boom	The City of Calgary Frazil Ice Boom project entails the detailed design and construction of an ice diversion boom to protect one of two raw water intakes for the Bearspaw Water Treatment Plant from frazil ice buildup.	\$700,000
City of St. Albert Reclaimed Non-potable Water Truck-fill System	The Reclaimed Non-potable Water Truck-fill System project involves the construction of a non-potable water filling station at an existing stormwater retention pond.	\$86,450
Municipal District of Pincher Creek Regional Drought Supply and Strategic Implementation Strategy	The Regional Drought Supply and Strategic Implementation Strategy project entails installation of water intakes for the Cowley/Lundbreck Regional Water Treatment Plant within the Crowsnest River as well as a formal assessment to examine different methodologies for meeting demand requirements and exploring different intake and raw water storage options.	\$416,500
Paddle Prairie Metis Settlement Enhancing Water Supply Resilience in Paddle Prairie Metis Settlement	The Enhancing Water Supply Resilience in Paddle Prairie Metis Settlement project aims to increase the storage capacity and reliability of existing water infrastructure, develop alternative water sources, and complete risk assessments to protect critical infrastructure from the impacts of flood and drought.	\$199,147
Regional Municipality of Wood Buffalo Fort Mckay Water Supply Infrastructure Rehabilitation	The Fort Mckay Water Infrastructure Rehabilitation project entails construction of a new water intake and pumphouse in the Ells River, a new water supply line from the intake to the Fort Mckay water treatment plant, and new connections from the water treatment plant to its raw water storage pond.	\$5,000,000 in 2024-25 and \$5,000,000 in 2025-26
Rocky View County Langdon – Glenmore Trail Stormwater Diversion Project	The Glenmore Trail Stormwater Diversion Project directs overland stormwater flow directly to nearby Weed Lake, upgrades existing ditches and culverts, and constructs new road ditch to allow the system to handle one in one-hundred-year storm event.	\$4,214,181 in 2024-25 and \$727,119 in 2025-26
Rocky View County Graham – Raw Water Reservoir	The Graham Raw Water Reservoir project will fund the preliminary design of a storage reservoir and a study aimed at addressing drought issues, identifying mitigation options, and exploring ways to provide a sustainable water supply.	\$53,900

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Saddle Hills County Ksituan Additional Raw Water Storage	The Ksituan Additional Raw Water Storage project entails the construction of a supplemental raw water storage facility to supply the area water treatment plant during times of drought/low streamflow.	\$280,000
Starland County Wastewater Flood and Drought Resiliency Assessment	The Wastewater Flood and Drought Resiliency Assessment project aims to assess all wastewater lagoons located within the County and design a solution for the most at-risk.	\$175,000
Stoney Tribal Association on behalf of Stoney Nakoda Nation Raw Water Strategic Supply	The Raw Water Strategic Supply project aims to increase raw water intake volumes for the Stoney Nakoda treatment plant by installing a water well and improving the primary intake's infiltration gallery.	\$1,400,000
Town of Bon Accord Town of Bon Accord Sustainable Stormwater Facility Retrofit	The Town of Bon Accord Sustainable Stormwater Facility Retrofit project aims to improve the stormwater management facility in the southwest portion of town by converting it into a 'storm park' – a stormwater management facility that combines traditional retention pond elements with naturalized wetland components.	\$700,000
Town of Canmore Flood Protection – Wastewater Treatment Plant	The Flood Protection – Wastewater Treatment Plant project aims to protect the town's wastewater treatment plant from flood events on the Bow River by erecting an earthen berm around the plant and raising the height of the associated access road. Also included in the project scope is construction of permanent flood protection walls around two low-laying lift stations.	\$2,100,000
Town of Coaldale South Coaldale Regional Stormwater Management Facility	The South Coaldale Regional Stormwater Management Facility aims to increase regional stormwater capacity and combat chronic overland flooding through construction of a new 100,000 m ³ stormwater retention facility.	\$3,728,000
Town of Drumheller Lehigh Floodway Site Reclamation	The Lehigh Floodway Site Reclamation project entails reclamation of purchased lands to a natural state and conversion of those lands into an environmental reserve.	\$226,000
Town of Whitecourt Town of Whitecourt Flood Mitigation for Infrastructure Protection	The Town of Whitecourt Flood Mitigation for Infrastructure Protection project aims to increase the town's flood resilience by protecting water treatment plant intakes, raising accesses to the water treatment plant, natural gas gate station and ambulance base, protecting low-laying manholes to prevent inflow, and construction of a flood wall around the West Whitecourt Sewer Lift Station.	\$1,426,182
Wheatland County Wheatland County Raw Water Storage	The Wheatland County Raw Water Storage project involves completing a study to explore various raw water storage options to meet county demands.	\$45,500
2024-25 Total		\$25,000,000
2025-26 Total		\$5,727,119

Eligible applicants

Municipalities, improvement districts, special areas, Métis settlements and First Nations will all be eligible to apply for DFPP funding.

Eligible projects

Projects eligible for funding under the Drought and Flood Protection Program include, but not limited to:

- Drought and flood proofing or relocation of critical infrastructure.
 - Critical infrastructure includes water, wastewater and stormwater works, as well as infrastructure used to access those services (including roads and transportation corridors, commercial and residential areas).
- Structural measures, such as berms, flood walls, bank protection and stabilization works, retention ponds and diversion structures intended to protect critical infrastructure and ensure public safety.
- Purchase of property for the purpose of relocation or for access to and/or construction of a project.
- Bio-retention infrastructure designed to increase flood attenuation and reduce the impacts of drought.