

Beneficial Management Practices Program 2026/27

Appendix: Planning, Technical Assessments and Engineered Designs

Applicants are responsible for reviewing and understanding the Beneficial Management Practices Program (BMP) criteria before submitting their application. For complete program details, visit www.iafbc.ca/bmp/.

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Planning, Technical Assessments, and Engineered Designs Activities: Practice Code Details

This appendix to the BMP 2026/27 program guide outlines the activities for the Planning, Technical Assessments, and Engineered Designs portion of the program.

For all planning, technical assessments or engineering designs a quote is required from the plan/design writer. IAF has assembled a list of qualified professionals who have written plans/assessments/designs in the past. In addition to this list, other qualified professionals may also complete plans/assessments/designs provided they hold appropriate professional designations and reserved areas of practice. To learn more about the requirements for professionals and/or to find a qualified professional, visit www.iafbc.ca/bmp/qualified-professionals/.



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Basic Plans

Practice Code	Activity	Description and details
2401	Nutrient Management Planning (NMP)	<p>Consultative services to develop nutrient management plans, planning, and decision support tools designated for Nutrient Management Planning (as per The Code of Practice for Agricultural Environmental Management)</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$4,500 per plan</p> <p>Plan must include</p> <ul style="list-style-type: none"> • Required elements according to the Ministry of Agriculture and Food's checklist that best match the farm or industry type <p>Eligible costs:</p> <ul style="list-style-type: none"> • Laboratory analyses (e.g., manure, soil, leaf tissue, or compost) • NMPs should include required elements (appropriate record keeping and reporting standards) • Estimated actual costs associated with the development of the plan must be submitted for review and approval <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list or by a Qualified Professional who is a BCIA Professional Agrologist in good standing, has the appropriate reserved practice areas, and has completed the Ministry-approved Nutrient Management Plan training course.</p> <p>Note: Raw laboratory nutrient data analysis- free of farm identification – will need to be saved for environmental health indicators reporting purposes.</p>
2501	Integrated Pest Management Planning (IPM)	<p>Consultative services to develop integrated pest management plans, planning, and decision support tools.</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$3,000 per plan</p> <p>Eligible costs:</p> <ul style="list-style-type: none"> • IPM consultant must be approved by IAF to be eligible for reimbursement • IPM plans must contain the required elements of a plan as designated by the Government of British Columbia • Actual costs associated with the development of the plan must be submitted for review and approval <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list OR by a BCIA registrant in good standing with self-declared competency in the relevant reserved practice areas (e.g. Invasive Species and Pest Management, Crop Development, Production, and Management).</p> <p>Note: Limit of one plan per eligible farm operation.</p>

Practice Code	Activity	Description and details
2601	Grazing Management Planning	<p>Consultative services to develop range and grazing management plans, planning and decision support tools.</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$3,000 per plan</p> <p>Eligible costs:</p> <ul style="list-style-type: none"> • Grazing management consultant must be approved by IAF to be eligible for reimbursement • Grazing management plans must contain the required elements of a plan • Actual costs associated with the development of the plan must be submitted for review and approval <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list OR by a BCIA registrant in good standing with self-declared competency in the relevant reserved practice areas (e.g. Rangeland and Grazing Management; Crop Development, Production, and Management; Livestock Development, Production, and Management; Agroforestry).</p> <p>Note: Limit of two plans per eligible farm operation.</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Riparian & Grazing project code 1005.1 – Improved grazing management of tame pasture • Riparian & Grazing project code 1005.2 – Improved grazing management of native pasture <p>Reference Guide: Grazing management guide – Province of BC</p>
2801	Biodiversity Management Planning	<p>Professional consultant services to create a biodiversity management plan.</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$3,000 per plan</p> <p>Plan must include:</p> <ul style="list-style-type: none"> • An opportunities assessment, an action plan, identification of potential activities to be implemented, and a monitoring plan • A comprehensive list of species present and known occurrences for species at risk (or anecdotal reports from landowners and neighbours if no occurrence data is present) • Any planning and decision support tools used (e.g., computer software and aerial photos) • Maps and land resource information costs • Consultant's report • A document covering what was discussed during the producer and consultant's final plan review <p>Guidance for this plan is derived from the BC Ministry of Agriculture and Food's "Planning for Biodiversity: A Guide for BC Farmers and Ranchers."</p>

Practice Code	Activity	Description and details
		<p>Completed by: The plan can be completed by a qualified professional on the verified contractors list, by a BCIA registrant in good standing with self-declared competency in the relevant reserved practice areas. (e.g. Rangeland and Grazing Management; Agroforestry; Land Evaluation, Classification, Mapping, Conservation and Management; Invasive Species and Pest Management; Land Restoration, Reclamation and Remediation), OR a College of Applied Biologist (CAB) registrant in good standing with self-declared competency in relevant reserved areas of practice (e.g. Environment Management; Habitat or Ecosystem Restoration and Enhancement, Invasive Species Management; Wildlife management).</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Biodiversity Project Code 2207 – Creating Pollinator Habitat <p>Reference Guide: Biodiversity guide – Province of BC</p>
2901	Irrigation System Assessment or Design	<p>Professional consultant services by a Certified Irrigation Designer (CID) registered in good standing with the Irrigation Industry Association of BC (IIABC) to assess existing irrigation systems and provide a recommendation on how to increase water use efficiency and irrigation system performance, and/or to complete an irrigation system design for new system installation and replacing/upgrading existing systems.</p> <p>Note: The BMP program does not recognize certified irrigation designers from other provinces or countries (e.g., CIDs from the Irrigation Association in the United States).</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$3,000 per combination of Irrigation System Assessment (existing systems only) and/or Irrigation System Design (new and existing systems)</p> <ul style="list-style-type: none"> • An Irrigation System Assessment and an Irrigation System Design are required for producers who wish to replace or upgrade their existing irrigation systems. • Irrigation System Design only is required for producers who wish to install a new irrigation system for a crop that has not been irrigated previously but is intended to be. Irrigation system assessment is not required in this case. <p>For existing irrigation systems, an Irrigation System Assessment must evaluate system performance to ensure that:</p> <ul style="list-style-type: none"> • The system is operated to match the crop, soil and weather conditions • The system is operated within the terms and conditions of current water licences • The design aligns with industry standards established by the IIABC <p>The Irrigation System Assessment must include recommendations on how system performance (including water use efficiency) can be improved by a minimum of 15% and if additional water licences/amendments are required to meet crop needs.</p>

Practice Code	Activity	Description and details
		<p>For new system installation or replacing/upgrading existing irrigation systems, an Irrigation System Design requires selecting equipment with performance (including best water use efficiency) that matches the crop, soil and weather conditions and the terms and conditions of current water licences. The design also includes recommendations on system operations, management, and maintenance, and if additional water supply or licences/amendments are required to meet crop needs.</p> <p>Assessments and/or Designs must include:</p> <ul style="list-style-type: none"> • Notes from the CID's initial site investigation prior to action plan and quote preparation • Identification of areas where maintenance is required • CID's signature and seal • A certified design layout, material list, and operation and maintenance requirements • CID's invoice to the producer outlining the services before payment for the plan can be made • For existing irrigation systems: <ul style="list-style-type: none"> ◦ Pre-project (baseline) and post-project energy source ◦ Pre-project (baseline) and post-project annual energy consumption (in kWh) ◦ Estimated annual reduction of fossil fuel consumption (in kWh, if applicable) ◦ Assessment to determine whether the design aligns with industry standards and whether the water supply and water licences are adequate to meet crop needs ◦ Details on how the system can be improved to increase water use efficiency and performance for all components of irrigation systems, including water delivery and application • Any applicable worksheets from the BC Government's Irrigation System Assessment Guide or the farm's current Environmental Farm Plan • Details of the current water licence(s) for the farm property, as they appear on the water licence(s), including but not limited to <ol style="list-style-type: none"> 1. Maximum irrigated area 2. Maximum quantity of water (annual water use) 3. Maximum withdrawal rate (peak flow rate) permitted, if specified <p>A copy of the water licence(s) must be provided by the funding applicant or retrieved through the Water Licence Search website. If the proposed project requires an additional water licence or amendment to an existing water licence, provide details on additional irrigated area, additional quantity of water, point(s) of diversion, purpose use, and other related information, as applicable, for the applicant to apply for a new water licence or water licence amendment (as part of the action plan).</p>

Practice Code	Activity	Description and details
		<p>Connected to:</p> <ul style="list-style-type: none"> • Water Infrastructure project code 1804 – Irrigation systems – new or existing
2902	Water Management Plan	<p>Professional consultant services' plan for water management planning to deal with issues arising from excess water (stormwater and drainage), shortage of water supply, and other water-related issues resulting from climate change must be developed, signed and sealed by a Qualified Professional.</p> <p>Note: Certified Irrigation Designers (CID) must be registered in good standing with the Irrigation Industry Association of BC (IIABC). The BMP program does not recognize CIDs from other provinces or countries (e.g., CIDs from the Irrigation Association in the United States).</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$4,500 per plan</p> <p>A Water Management Plan evaluates farm water supply and demand. It provides recommendations for efficient and sustainable use of water. It includes a review of water licensing requirements to ensure adequate authorizations are in place for both current and projected future uses identified in the plan. Plan must include:</p> <ul style="list-style-type: none"> • Assessment of water supply to the farm (i.e., how the water is being managed on the farm for irrigation, livestock watering, and other farm water uses), as well as drainage and stormwater management. This includes assessment of existing water storage facilities for all farm water uses (e.g., dugouts), water supply sources, drainage channels/structures, and management of runoff/stormwater • Recommendations for water management improvements on the farm and specify whether additional water supply, water storage, drainage/runoff control, or water licences are recommended/required • Details of the current water licence(s) for the farm property, as they appear on the water licence(s), including but not limited to <ol style="list-style-type: none"> 1. Maximum irrigated area 2. Maximum quantity of water (annual water use) 3. Maximum withdrawal rate (peak flow rate) permitted, if specified <p>A copy of the water licence(s) must be provided by the funding applicant or retrieved through the Water Licence Search website. If the proposed project requires an additional water licence or amendment to an existing water licence, provide details on additional irrigated area, additional quantity of water, point(s) of diversion, purpose use, and other related information, as applicable, for the applicant to apply for a new water licence or water licence amendment (as part of the action plan).</p> <ul style="list-style-type: none"> • Design and operation parameters should follow those identified in the BC Irrigation Management Guide, BC Agricultural Drainage Manual, and/or the EFP Drainage Management Guide • A complete Water Management Plan Checklist

Practice Code	Activity	Description and details
		<ul style="list-style-type: none"> Assessment and design of irrigation systems are funded under Irrigation System Assessment or Design (2901), while assessments of water sources are funded under Agricultural Water Supply Assessment (1102 – Engineering or Technical Design or Assessment: Water/Riparian). Both activities (2901 and 1102) may be funded in conjunction with a Water Management Plan (2902) within the Plans and Designs category <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list, a BCIA registrant in good standing with self-declared competency in relevant reserved practice areas (e.g., in Water Resource Planning and Management, a EGBC registrant in good standing with self-declared competency in relevant reserved areas of practice (e.g., Agricultural Irrigation and Drainage) OR a CID in good standing in either Agriculture Sprinkler or Agriculture Trickle.</p> <p>Connected to:</p> <ul style="list-style-type: none"> Water Infrastructure project code 1806 – Improvement of water supply systems to farms Water Infrastructure code 3201 – Improved drainage
3001	Riparian Management Plan	<p>Professional consultant services to develop a Riparian Management Plan (RMP) that:</p> <ul style="list-style-type: none"> Includes the completion of a new Riparian Health Assessment (RHA), or Is based on an RHA previously completed through an Environmental Farm Plan (EFP). <p>Cost-share ratio: 100%</p> <p>Funding amount:</p> <ul style="list-style-type: none"> Up to \$2,000 for an RMP based on an existing (previously completed) RHA Up to \$3,000 for an RMP that includes a new RHA <p>Plan must include:</p> <ul style="list-style-type: none"> Completed Riparian Health Assessment (RHA) Detailed farm and site description, including site maps showing riparian areas, proposed project locations, and treatment areas Site photos showing existing conditions and proposed project areas Any planning and decision support tools used (e.g., computer software, aerial photos) Detailed management / restoration plan for the site including recommendations and estimated costs for: <ul style="list-style-type: none"> Bioengineering solutions for erosion prevention and stream channel restoration, as applicable under BMP 1101; detailed engineering or design plans must be prepared by a QP <ul style="list-style-type: none"> Habitat establishment and restoration projects (eligible under BMP 1002 and 1003), including: <ul style="list-style-type: none"> Riparian planting plans (species selection, planting density, seeding recommendations, cost estimates) Fencing plans (type, temporary/permanent, location, length, materials, cost estimates)

Practice Code	Activity	Description and details
		<ul style="list-style-type: none"> ○ Infrastructure improvements, new installations, or maintenance (eligible under BMP 1001, 1006,1101), including: <ul style="list-style-type: none"> ▪ Livestock watering systems ▪ Stream crossings ● Description of required authorizations (e.g., Section 11 notifications or permits under the Water Sustainability Act) ● Prioritized actions and timelines ● Maintenance plan <p>Ineligible costs:</p> <ul style="list-style-type: none"> ● Time, effort, and travel by the producer ● Professional services not directly related to riparian health assessment (RHA) and riparian management plan (RMP) ● Field-specific agronomic practices (e.g. variable rate application of crop inputs) ● Costs associated with developing engineer reports or designs <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list, a BCIA A registrant in good standing with self-declared competency in relevant reserved practice areas (i.e., in Rangeland and Grazing Management; Agroforestry; Land Evaluation, Classification, Mapping, Conservation and Management; Invasive Species and Pest Management; Land Restoration, Reclamation and Remediation) OR a registrant in good standing with the College of Applied Biologist (CAB registrant in good standing) with self-declared competency in relevant reserved areas of practice (i.e., Environment Management; Habitat or Ecosystem Restoration and Enhancement, Invasive Species Management; Wildlife management).</p> <p>Connected to:</p> <p>An RMP is strongly recommended when applying for the following BMP practice codes:</p> <ul style="list-style-type: none"> ● Riparian & Grazing project code 1001 – Alternative watering systems to manage livestock ● Riparian & Grazing project code 1002 – Creation or widening of buffers adjacent to surface water sources ● Riparian & Grazing project code 1003 – Fencing to manage and improve riparian condition and function ● Riparian & Grazing project code 1006 – Improved stream crossings ● Riparian & Grazing project code 1101 – Riparian erosion control and channel restoration utilizing bio-engineered solutions <p>Reference Guides:</p> <ul style="list-style-type: none"> ● Riparian Management Field Workbook for Lakes, Ponds and Wetlands (lentic)

Practice Code	Activity	Description and details
		<ul style="list-style-type: none"> • Riparian Management Field Workbook for Streams and Small Rivers (lotic)
3401	Vegetative Buffer Planning	<p>Professional consultant services to produce a shelterbelt, buffer, or hedgerow vegetative buffer plan (VBP) based on a needs assessment generated during the EFP process.</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$3,000 per plan</p> <p>Plan must include:</p> <ul style="list-style-type: none"> • Any planning and decision support tools used (e.g., computer software, aerial photos) • Maps and land resource information costs • Data collection, materials, sampling, and analysis costs by consultant or designate • Design work by the consultant for buffer layout, species selection, and establishment costs • Consultant's report • A document covering what was discussed during the producer and consultant's final plan review <p>Ineligible costs:</p> <ul style="list-style-type: none"> • Time, effort, and travel by the producer • Professional services not directly related to the VBP <p>Completed by: The plan can be completed by a qualified professional on the verified contractors list, by a BCIA registrant in good standing with self-declared competency in the relevant reserved practice areas OR a CAB registrant in good standing with self-declared competency in relevant reserved practice areas (i.e., Ecology, Environment Management, Environment Impact Assessment, Habitat or Ecosystem Restoration and Enhancement; Invasive Species Management; Species at Risk Management).</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Biodiversity project code 1901 – Establishment of shelterbelts or tree buffers <p>Reference Guide: Vegetative buffer guide – Province of BC</p>

Complex Plans & Designs

Practice Code	Activity	Description and details
0106	Improved Manure Storage and Handling	<p>Assessment of existing earthen manure or agricultural by-product storage basins (lagoons) built before February 28th, 2019, by a qualified professional utilizing the Ministry of Agriculture and Food's guidance on responsible solid or liquid manure management practices.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$10,000 per plan</p> <p>Eligible costs:</p> <ul style="list-style-type: none"> • Site assessment by drilling • Analytical costs for soil or water • Report preparation <p>Ineligible costs:</p> <ul style="list-style-type: none"> • Permanent monitoring equipment • Leak prevention supplies
0804	Product and Waste Management	<p>Engineering or technical design report and drawings to facilitate the construction of a composting facility, new liquid manure storage, or modification of existing liquid manure storage. Can also include compost facility operational planning and monitoring information</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$10,000 per plan</p> <p>Ineligible costs:</p> <ul style="list-style-type: none"> • Construction materials • Monitoring equipment <p>Connected to:</p> <ul style="list-style-type: none"> • Nutrient & Waste Management project code 0803 – Composting of agricultural waste • Nutrient & Waste Management project code 0100 – Improve liquid manure storage facilities - Dairy
3301	Consultative Services for On-Farm Energy Efficiency	<p>Professional consultant services for on-farm energy efficiency assessments, alternative energy assessments, or pre-feasibility studies.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$10,000 per plan</p>
0204	Manure Treatment	Professional consultant services' assessment and design of agricultural by-product manure treatment, focusing on the recovery of nutrients.

Practice Code	Activity	Description and details
		<p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p>
0503	Farmyard Runoff/Storm Water Management	<p>Professional consultant services' assessment and design of farmyard run of control and/or management of stormwater to prevent clean water from being contaminated or prevent the release of contaminated water using the design and operation parameters identified in the Ministry of Agriculture and Food's BC Agricultural Drainage Management Guide.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Riparian & Grazing project code 0501 – Stormwater/runoff management around confined livestock facilities
0603	Relocation of Livestock Confinement	<p>Professional consultant services' assessment and design of outdoor livestock confinement areas while addressing protection of riparian areas and/or critical habitats. Engineering or technical design work should focus on the design of the new site as well as the decommissioning of the original site.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p>
1702	Nutrient Recovery from Wastewater	<p>Professional consultant services' assessment and design of agricultural by-product wastewater treatment, focusing on recovery of nutrients.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p>
1102	Engineering or Technical Design or Assessment – Water/Riparian	<p>Professional consultant services (by an accredited engineering consultant or a qualified professional in accordance with federal, provincial, and local government regulations and specifications) to complete the assessment and design of:</p> <ul style="list-style-type: none"> • Bioengineering projects to control erosion or restore stream channel function in riparian areas (e.g., earthworks, rip rap, erosion control dams, root wads, revetments, etc.) • Permanent stream crossing infrastructure (e.g., culverts, bridges) or permanent offsite livestock watering infrastructure (e.g., footings, piping, pumps) • Water storage structures (e.g., dugouts, dams, reservoirs) for agricultural water use purposes. • Dugout technical design plans <ul style="list-style-type: none"> ◦ Note: In cases where a QP is optional¹ (i.e., the water storage infrastructure is not regulated under the Dam Safety Regulation), Applicants have the option to either complete and submit the Dugout Planning Checklist

¹ While a technical design completed by a Qualified Professional is not a requirement for BMP funding under 0904, this may still be required by Ministry of Water, Land and Resource Stewardship (WLRS) to support a water licence application for dugout water storage purposes. The [Dugout Planning Checklist](#) does not replace Appendix: Planning, Technical Assessments and Engineered Designs

Practice Code	Activity	Description and details
		<p>to fulfill the prerequisite for BMP 0904 (in which case, BMP 1102 funding is not applicable) OR apply for BMP 1102 to hire a QP to complete the dugout technical design. For further information, please refer to:</p> <ul style="list-style-type: none"> ▪ Dugout Planning Checklist ▪ Dugout Calculator ▪ BC Agriculture Water Calculator ▪ Guidance on Farm Water Storage ▪ British Columbia Farm Water Dugouts ▪ Authorization Requirement for Storage and Use of Water in Dugouts <ul style="list-style-type: none"> • Dam engineering assessments, dam emergency plans, dam safety reviews, redetermination of consequence classification, or any professional consultative services as required by the B.C. Dam Safety Regulation. Please contact the Dam Safety Program staff for details • Engineering design or technical assessment required to support an application for a surface water/groundwater licence, use approval, or changes in and about a stream with an agricultural water use purpose (e.g., Environmental Flow Needs assessment, hydrogeological assessment, or other assessments) • Agricultural water supply assessment or feasibility study to determine available water supply to the farm. The components could include, but are not limited to: <ul style="list-style-type: none"> ◦ Determination of current and future water demands ◦ Assessment of currently available and viable future water supply sources and their points of diversion ◦ Consideration of new or improved methodology or technology that promotes water use efficiency and is significant to provide long-term solutions to address current and/or anticipated water supply risks ◦ Plan of future water infrastructure required to support those water demands that are not being met with the current water supply sources ◦ Schematic/drawing that identifies the location of viable water supply options, and mechanisms and infrastructure required to deliver water from the water source(s) to support the farm water use ◦ A detailed plan that includes the technical, environmental, financial, construction, and project management requirements that would be necessary to execute the construction plan <p>Cost-share ratio: 80%</p>

any technical designs required. A technical design must still be completed by a Qualified Professional for water storage infrastructure regulated under the Dam Safety Regulation that is funded under BMP Practice Code 0903

Practice Code	Activity	Description and details
		<p>Funding amount: Up to \$20,000 per design</p> <p>Ineligible costs:</p> <ul style="list-style-type: none"> • Construction services <p>Connected to:</p> <ul style="list-style-type: none"> • Riparian & Grazing project code 1001 – Alternative watering systems to manage livestock • Riparian & Grazing project code 1004 – Rejuvenation and enhancement of sensitive areas through revegetation and restoration of disturbed areas • Riparian & Grazing project code 1006 – Improved stream crossings • Riparian & Grazing project code 1101 – Riparian erosion control and channel restoration utilizing bio-engineered solutions • Water Infrastructure project code 0903 – Dams and reservoirs – new and existing • Water Infrastructure project code 0904 – Dugouts – new and existing
3102	Methane (CH ₄) Emission Reduction	<p>Professional consultant services' feasibility studies are required prior to the start of a project for practice code 3101.1.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p> <p>Note: This practice code would only stand alone if the project does not proceed due to economic, technical, or environmental reasons.</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Nutrient & Waste Management project code 3101.1 – Covered manure storage with or without methane collection and renewable energy production from collected methane
3309	Engineering or Technical Design Work / Feasibility Studies	<p>Professional consultant services' feasibility studies, engineering, or technical design are required prior to the start of a project for codes 3303 or 3304.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$20,000 per design</p> <p>Note: This practice code would only stand alone if the project does not proceed due to economic, technical, or environmental reasons.</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Energy & Fuel Efficiency project code 3303 – Alternative energy technology and supplementary energy storage • Energy & Fuel Efficiency project code 3304 – Replacement of fossil-fuel dependent space heating with renewable heating

Biogas Feasibility Studies

Practice Code	Name	Description and details
0205	Feasibility Studies – Biogas Systems Installation	<p>Consultative services to develop pre-feasibility, technical feasibility, or engineering design work for on-farm biogas systems. Projects must either reduce agricultural carbon dioxide emissions or reduce the concentration of CO₂ in the atmosphere.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$50,000</p> <p>Eligible costs:</p> <ul style="list-style-type: none"> Assessments through feasibility studies and design of biogas systems to be integrated into on-farm waste management systems Engineering or technical design report and drawings to facilitate the construction of biogas systems <ul style="list-style-type: none"> Focus should be on biogas systems and the associated required infrastructure Recovery of nutrients may be included if it is required to meet a regulated nutrient management plan (NMP) Estimated costs associated with the development of studies or designs must be submitted for review and approval <p>Ineligible costs:</p> <ul style="list-style-type: none"> Costs and infrastructure for standalone manure storage systems

Extreme Weather: Plans & Assessments

Practice Code	Name	Description and details
3601	FireSmart™ BC Farm & Ranch Assessment	<p>FireSmart™ BC Farm & Ranch Assessment completed by an approved Local FireSmart™ BC Representative (LFR) or Wildfire Mitigation Specialist (WMS) with FireSmart™ BC Farm & Ranch Training.</p> <p>Cost-share ratio: 100%</p> <p>Funding amount: Up to \$2,000</p> <p>Completed by: All qualified professionals must have completed the FireSmart BC Farm & Ranch Training Course (developed in collaboration with the Ministry of Agriculture and Food) and hold a valid certificate of completion. They must also be included on the 2026 List of Verified/Approved EWP Farm & Ranch FireSmart Assessors prior to conducting any assessments.</p> <p>Connected to:</p>

		<ul style="list-style-type: none"> • Extreme Weather Preparedness project code 3602 – FireSmart™ BC Farm Building Retrofits • Extreme Weather Preparedness project code 3603 – FireSmart™ BC Critical Farm Structures • Extreme Weather Preparedness project code 3604 – FireSmart™ BC Addressing Vegetation & Combustible Materials <p>Additional Resources:</p> <ul style="list-style-type: none"> • To learn more and to find a qualified individual to complete the assessment: Farm and Ranch Wildfire Preparedness
3704.1	Planning & Design of Fill Pad for Farm Buildings	<p>Consultative services for planning, design, and authorizations of a fill pad to raise existing farm structures (livestock barns, indoor aquaculture facilities, equipment storage, feed and crop storage, greenhouses) above the 200-year flood level.</p> <p>Cost-share ratio: 80%</p> <p>Funding amount: Up to \$15,000</p> <p>Plan must include:</p> <ul style="list-style-type: none"> • Declaration of pre-existing farm structure • Stamped fill design plans • Approval from ALC or confirmation that the project fits the criteria outlined in ALC Information Bulletin 07 <p>Ineligible costs:</p> <ul style="list-style-type: none"> • Any costs or works related to the acquisition or placement of fill • Any permit or application fees <p>Note: New residences in a floodplain (if allowed) are often required by local government building bylaws to be placed on a fill pad. Your local government staff will be able to tell you if they have such requirements in your area, if any permitting is involved, and what qualifications are needed to design/implement fill pads in your area (they may also have a list of contractors that meet those qualifications). Placing fill in the ALR will require either a 'Notification' if it meets specified criteria, or an 'Application' if it does not meet those criteria (both require extra time to allow the process to be completed). Depending on the location and size of your proposed fill pad, it may also affect the interests/mandates of other government agencies. For these reasons, it is a requirement that any fill projects be planned and designed by a Qualified Person before applying for funding for the on-farm work.</p> <p>Completed by: The plan can be completed by a qualified professional in good standing with self-declared competency in the relevant reserved practice areas.</p> <p>Connected to:</p> <ul style="list-style-type: none"> • Extreme Weather Preparedness project code 3704.2 – Fill Pad for Farm Buildings <p>Additional Resources:</p> <ul style="list-style-type: none"> • ALC Information Bulletin 07 Soil and Fill Uses in the ALR