



# ENVIRONMENTAL FARM PLAN

PLANS & DESIGNS ONLY

## SUSTAINABLE CANADIAN AGRICULTURAL PARTNERSHIP Beneficial Management Practices Policy and Descriptions April 2023

Funding for this program has been provided by CleanBC and British Columbia's Climate Preparedness and Adaptation Strategy (CPAS). Funding is also provided by the Governments of Canada and British Columbia through the Sustainable Canadian Agricultural Partnership, a federal-provincial-territorial initiative. The program is delivered by the Investment Agriculture Foundation of BC (IAF).



## The British Columbia Environmental Farm Plan Program

The British Columbia Environmental Farm Plan (EFP) Program complements and enhances the current stewardship practices of producers by focusing on enhancing regenerative agriculture and climate change priorities. The EFP Program provides agricultural producers with the means to identify agri-environmental risks and highlight opportunities to reduce risks and improve environmental performance.

## Beneficial Management Practices Program

The Environmental Farm Plan (EFP) and Beneficial Management Practices (BMP) programs are complementary programs designed to help producers reduce their impact on the environment and increase their resiliency to climate change while increasing on-farm efficiency and profitability.

Producers who have a completed and current EFP may be eligible to apply for cost-shared incentives through the Sustainable Canadian Agricultural Partnership (Sustainable CAP) Beneficial Management Practices (BMP) Program to implement actions identified in their on-farm environmental action plans. The following document lists the BMP categories and practices eligible for cost-shared funding in British Columbia. Each Category or Practice Code specifies the percentage of the project costs and the maximum amount of funds payable from the program.

Regenerative agriculture BMP's on the list are marked with icons:



Building soil fertility and health.



Increasing water percolation; water retention, and clean and safe water runoff.



Enhancing and conserving biodiversity on farms, including pest management.



Sequestering carbon and greenhouse gas reductions.

### Application Steps for the Sustainable CAP Beneficial Management Practices (BMP) Program

1. Complete an EFP for your farm and receive a 'Statement of Completion from the Investment Agriculture Foundation (IAF) recognized Planning Advisor.
2. Fill out a BMP application form (providing all requested identification and details of your project)
3. Applicant must sign the application form.
4. Submit the application form to IAF.

Applications will be accepted by online submission through

[Investment Agriculture Foundation of BC \(fluxx.io\)](https://fluxx.io)

If using the PDF template, submissions can be emailed to [EFPBMP@iafbc.ca](mailto:EFPBMP@iafbc.ca).

# General Policy Statements and Conditions for the Beneficial Management Practices (BMP) Program

The following Beneficial Management Practices and Policy are for the period starting on April 1, 2023. Additional changes, including an expanded list of eligible activities, will be available in late Spring 2023. This practices list and policy are subject to revision during the life of the Sustainable Canadian Agricultural Partnership Agreement.

## 1. Access to the BMP program:

- Access will be based on an Environmental Farm Plan (EFP) that is less than 5 years old and reflects the current farm or ranch operation. The EFP must be renewed if it is more than 5 years old, or if there have been changes made to the farm or ranch operation that could have impacted the environmental risk. This does not imply the farm operation will be able to access BMP program dollars nor does it imply the farm cap will be reset.
- The farm or ranch operation must be in British Columbia and have valid “Farm Class” land as designated by the BC Assessment Authority or be a First Nations agricultural operation with designated authority to use the land.
- The applicant must have a valid business (GST) number.
- Access to certain BMPs require additional assessments, planning or design that must be completed prior to approval (e.g., Nutrient or Riparian Management Plans). These BMPs are “linked”, and the planning BMP must be completed and submitted prior to beginning a project. Concurrency of planning and/or technical assessment may be allowed for projects that are not contingent on a final design for the project construction activity or may be waived at the discretion of the Program Manager. All Planning BMPs require prior approval.

2. **Date:** Funding is designated to change practices on existing farm or ranch operations where an undesirable environmental risk(s) has been identified in the EFP. It is not designed for the development of new farm or ranch operations or to incent a change in enterprise type. The practice to be changed must have been in existence on the operation at the time of completion of the Environmental Farm Plan. The BMP funding is designated to make necessary changes to existing operations or practices that are impacting water quality, quantity, soil health, air quality, biodiversity, or climate change.

3. **Farm Cap:** Overall farm cap for the BMP Program is \$100K for any farm participating in the Canada-BC Environmental Farm Plan Program as of April 1, 2023.

4. **Projects per Application:** Each eligible project constitutes a single application, but some projects may include more than one practice code. Category caps and farm caps still apply.

5. **Number of project applications:** Eligible farm or ranch operations are limited to three projects or equipment-related BMP applications per year per eligible farm enterprise. Planning, Technical Assessments or Engineered Designs which are necessary prior to the completion of a construction project are not included in this total. This limit may be removed if additional funding is available.

6. **Project justification:** *The merits of each project will be considered, so the following must be included with the BMP project application:*
  - What environmental issue is being addressed by this project?
  - How will this project resolve the environmental issue?
7. **Funding of partial projects:** Funding for partial projects *will be evaluated on a case-by-case basis* and are eligible only when the partial projects, on their own, achieve significant environmental risk reduction. Requests for consideration must include justification or evidence of regulatory agency documentation which may have delayed project completion.
8. **Planning or Technical Design BMP Applications and Reports:** A detailed quote and CV are required from the preparer of the plan or design. The subsequent invoice will be required from a contractor who is proposed to complete or has completed the work. The quote and invoice should include itemized charges for consulting services and costs (i.e., hours, testing, and travel). Reports must clearly indicate issue(s) requiring action and the recommended actions or equipment required to achieve the desired agri-environmental outcomes (e.g., type of equipment currently in place and recommended new equipment).
9. **Engineering or Technical Design:** A detailed quote and CV are required from the preparer of the design unless the design is stamped by a qualified professional. For projects that require an engineering or technical design, the design work must be carried out by a qualified professional or by an individual with demonstrated training and experience. Engineering or technical design work may be an eligible cost as a standalone item. Engineering or design costs should be included as part of the BMP costs or as a stand-alone for structures that require engineering approval (i.e., structures, roofs, etc.).

**If by regulatory statute the engineering or technical design must be carried out by an appropriately qualified professional, the term qualified professional** means an applied scientist or technologist specializing in a relevant applied science or technology including, but not necessarily limited to, agrology, forestry, biology, engineering, geomorphology, geology, hydrology, hydrogeology or landscape architecture. An appropriately qualified professional must be registered in British Columbia with the appropriate professional organization and acting under that association's Code of Ethics and subject to disciplinary action by that association. They must also be someone who, through demonstrated suitable education, experience, accreditation and knowledge relevant to the matter, may be reasonably relied on to provide advice within their area of expertise.

**If there is no regulatory requirement for the engineering or technical design to be carried out by a qualified professional,** the technical design may be carried out by an individual who has suitable education, experience, accreditation, and knowledge, and may be reasonably relied on to provide advice within his or her area of expertise.
10. **Application requirements:** In addition to a valid EFP statement of completion and current BC property assessment notice, cost estimates or quotes are required for all projects.
  - Management plans or designs as required.
  - Legible sketches or drawings with labels indicating the layout and details of projects are required for all projects related to planting of vegetation, fence or livestock watering installations, irrigation system installation and any construction projects (e.g., buildings or other structures).

11. **Stacking:** Program policy sets a percentage maximum amount of government funds which can be used towards the total project costs. For environmental and climate programming this has been set at 100% of the total eligible costs of the BMP Project.
12. **Project initiation:** Projects will be considered ineligible for funding if any portion of the project has been initiated prior to the start of the fiscal year. Project activities must not have been started before April 1, 2023.
13. **Project completion:** All projects must be completed by the deadline outlined on their funding approval letter. Work, invoices and project summary report must be completed and dated on or before the deadline date outlined in the approval letter. Projects will be considered cancelled if the paperwork is not received by the deadline date; the funding will then be reallocated to other projects.  
If a project extension is required, the applicant may request written approval by program administration to extend their project work beyond the deadline date. A project extension will only be considered in extenuating circumstances (i.e., delays as a result of regulatory approval or significant environmental conditions such as forest fires or flooding).
14. **Changes to a Project:** Once a project is approved it must be completed as per the application and approval unless written communication from the Program agrees to changes to the project. Projects may be subject to cancellation if they are not completed as approved. This applies to equipment purchases and construction projects. Projects that require planting of any form of vegetation (i.e. trees or shrubs) as vegetative buffers or riparian plantings must be based on the approved planting designs in required management plans and/or approved plans and description in the project application.
15. **Caps and Cost Shares for BMP Categories:** These are valid for the 2023-2024 BMP Program Year; however, they are subject to revision.
16. **Evidence of payment:** The program requires you to provide proof of payment for all invoices, and proof of payment must be under the Legal Name on your application. Proof of payment can be a paid company invoice(s) showing the amount as fully paid with a zero-balance owing and the contact information for the company, processed cheque with an invoice, or credit card statement as evidence of payment. Cash payments will not be eligible unless accompanied by an official company voucher and proof of payment. Financing or monthly payments to a contractor will not be eligible. Barter/exchange transactions are not eligible.
17. **Cancelled Projects:** Any projects cancelled by the applicant or that exceed the time deadline are considered cancelled unless an extension is granted. Any materials or services obtained for a cancelled project are not eligible for payment if a new application is received outside of the current program year.
18. **Livestock Premises ID:** The Ministry of Agriculture and Food is responsible for providing a livestock and poultry premises identification system for the BC livestock sector. A premises is any parcel of land where animals are kept, assembled, raised, or disposed of. A Premises ID is an important part of a full traceability system that also includes animal identification and animal movement. In the event of an animal health or disaster emergency, the faster suspect animals can be identified, the better. To be

eligible for the Sustainable CAP program funding livestock operations are required to register with the B.C. Premises Identification Program and provide their 9-digit B.C. Premises Identification Number.

A Premises Identification Number is a unique national number assigned to a piece of land by the government of British Columbia and is a critical component of the National Livestock Traceability System. If you have livestock or poultry on your property, you are required to provide your 9-digit BC Premises Identification Number (e.g. BC33A13P4 or BC44TR55E) to be eligible for this cost-shared funding. If you have not previously registered your premises with the BC Ministry of Agriculture and Food, please visit the BC Premises ID Program website at [www.gov.bc.ca/premisesidprogram](http://www.gov.bc.ca/premisesidprogram) or email [BCPID@gov.bc.ca](mailto:BCPID@gov.bc.ca) or call (Toll-Free) 1-888-221-7141 or (604) 556-3001 to register your premises.

19. **Nutrient Management Plans (NMP) (Practice Codes 2401.1 and 2401.2):** Farm or ranch operations that have completed a NMP prior to February 28<sup>th</sup>, 2019 and after April 1, 2016, are only eligible for funding under these practice codes if their NMP no longer meets the “in-force” Sections of *The Code of Practice for Agricultural Environmental Management* (BC Reg 8/2019). Operations that have not previously completed a NMP are eligible to access these practice codes if all other BMP Program eligibility requirements are met.
20. **Subscription and rental fees:** Monthly or annual subscription fees (e.g., satellite, cellular or internet uplinks for data transmission) or monthly or annual rental fees for equipment (e.g., weather stations) are not eligible for reimbursement. The exception to this would be the one-time rental of equipment or tools required for the construction of a project (e.g., excavators).
21. **Arm’s Length Transactions:** All businesses from which goods or services are purchased must be at Arm’s Length from the applicant, meaning not related to the applicant, not affiliated with the applicant, or controlled in any way by the applicant.
22. **Ineligible expenses:** Unless specified in a BMP Practice Code, the following costs are ineligible:
  - Fertilizer, seed, and crop protection products
  - Fees for permits, approvals, or legal activities
  - Typical farm equipment and related accessories or attachments (including tractors, skid steers and trailers)
  - Costs of ongoing activities
  - Maintenance or repair costs
  - Financing charges, loan interest payments, bank fees and charges
  - Maintenance or extended warranties on equipment, electronics, or technology purchases
  - New building construction including sheds, barns, or storages (for products or by-products)
  - Expenses incurred prior to approval; or expenses after the project completion date unless consent is received from the program
23. **Legislation:** All projects must abide by all applicable federal, provincial, and local government laws and regulations, including, but not limited to, the Federal and Provincial environmental assessment and protection acts, trade agreements, and zoning bylaws. **It is the responsibility of the applicant, not the Program, to ensure compliance.**

## Beneficial Management Practice Codes

### Planning, Technical Assessments or Engineered Designs

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For all plans, technical assessments or engineering designs a quote and a CV is required from the plan/design writer.

Basic Plans (100% up to identified limit)			
Practice Codes	Practice Description	Funding Limit	Pg
2401.1	Nutrient management planning (voluntary)	\$3K	7
2401.2	Nutrient management planning (regulatory)	\$6K	7
2501	Integrated pest management planning	\$3K	7
2601	Grazing management planning	\$3K	7
2801	Biodiversity planning	\$3K	7
2901	Irrigation system assessment and plan	\$3K	7
2902	Water management plan	\$6K	8
3001	Riparian management planning	\$3K	8
3401	Vegetative buffer planning	\$3K	9


Complex Plans (80% to max program payment \$10K)		
Practice Codes	Practice Description	Pg
0106	Engineering or technical design work by a qualified professional (earthen manure storage structure assessment as per Section 24: <i>The Code of Practice for Agricultural Environmental Management</i> )	9
0804	Engineering or technical design work by a qualified professional (organic residuals – composting)	9
3301	Energy Assessments and alternative energy pre-feasibility study completed by a qualified professional	9





Designs (80% to a max program payment of \$20K)		
Practice Codes	Practice Description	Pg
0204	Engineering or technical design work by a qualified professional (manure treatment)	10
0503	Engineering or technical design work by a qualified professional (confined livestock area runoff)	10
0603	Engineering or technical design work by a qualified professional (confined livestock relocation)	10
1702	Engineering or technical design work by a qualified professional (wastewater – nutrient recovery)	10
1102.1	Engineering or technical design work by a qualified professional (water and riparian)	10
3102	Engineering or technical design work or technical feasibility studies (methane emission reduction)	10
3309	Engineering or technical design work or technical feasibility studies (carbon dioxide emission reduction)	10

Biogas: Feasibility Studies (80% to a max program payment of \$50K)		
Practice Codes	Practice Description	Pg
0205	Feasibility studies for the installation of biogas systems	11

BMP Category: Practice Code	Eligible BMPs and Costs
<p><b>Nutrient Management Planning NMP (voluntary) - 2401.1</b></p> <p>Previously 2401 (A) - Consultative services to develop nutrient management plans, planning and decision support tools</p> 	<ul style="list-style-type: none"> <li>• Up to \$3K per plan</li> <li>• Laboratory analyses (e.g., manure, soil, leaf tissue, forage/feed or compost)</li> <li>• NMPs should include required elements (appropriate record keeping and reporting standards - see Information sheet at <a href="http://www.BCEFP.ca">www.BCEFP.ca</a>)</li> <li>• Estimated actual costs associated with development of plan must be submitted for review and approval</li> </ul> <p><b>Note:</b> Raw laboratory analyses of nutrient data – free of farm identification – will be collected for environmental health indicators reporting purposes</p>
<p><b>Nutrient Management Planning NMP (regulatory) – 2401.2</b></p> <p>Previously 2401 (B) - Consultative services to develop nutrient management plans, planning and decision support tools</p> <p>Designated for Nutrient Management Planning (As per Sections 56 and 57: <i>The Code of Practice for Agricultural Environmental Management</i>)</p> 	<ul style="list-style-type: none"> <li>• Up to \$6K per plan</li> <li>• Laboratory analyses (e.g. manure, soil, leaf tissue, forage/feed or compost)</li> <li>• NMPs should include required elements (appropriate record keeping and reporting standards - see Information sheet at <a href="http://www.BCEFP.ca">www.BCEFP.ca</a>)</li> <li>• Estimated actual costs associated with development of plan must be submitted for review and approval</li> </ul> <p><b>Note:</b> Raw laboratory analyses of nutrient data – free of farm identification – will be collected for environmental health indicators reporting purposes</p>
<p><b>Integrated Pest Management Planning - 2501</b></p> <p>Consultative services to develop integrated pest management plans, planning and decision support tools-</p> 	<ul style="list-style-type: none"> <li>• Up to \$3K per plan</li> <li>• IPM consultant must be approved by IAF to be eligible for reimbursement-</li> <li>• IPM plans must contain required elements of a plan (see information sheet at <a href="http://www.BCEFP.ca">www.BCEFP.ca</a>)</li> <li>• Actual costs associated with development of plan must be submitted for review and approval</li> </ul>
<p><b>Grazing Management Planning - 2601</b></p> <p>Consultative services to develop range and grazing management plans, planning and decision support tools</p> 	<ul style="list-style-type: none"> <li>• Up to \$3K per plan</li> <li>• Linked to Practice Codes 1004 and 1005</li> </ul>
<p><b>Biodiversity Management Planning - 2801</b></p> <p>Consultative services to create a biodiversity management plan</p> 	<ul style="list-style-type: none"> <li>• Up to \$3K per plan.</li> <li>• Plan must include an opportunities assessment, an action plan, identification of potential activities to be implemented, and a monitoring plan.</li> <li>• Plan must include a comprehensive list of species present and know occurrences for species at risk (or anecdotal reports from landowner and neighbours if no occurrence data is present)</li> <li>• Planning and decision support tools (e.g., computer software and aerial photos)</li> <li>• Maps and land resource information costs</li> <li>• Report preparation by consultant</li> <li>• Plan review with the producer</li> <li>• Guidance for this BMP is derived from the EFP “Planning for Biodiversity A Guide for BC Farmers and Ranchers”</li> <li>• Linked to BMP Practice Codes: 2206 and 2207</li> </ul>
<p><b>Irrigation System Assessment and Plan - 2901</b></p> <p>Consultative services by a Certified Irrigation Designer to evaluate and optimize irrigation system performance (existing systems)</p>	<ul style="list-style-type: none"> <li>• Up to \$3K per plan</li> </ul> <p>Consultative services by a Certified Irrigation Designer with the Irrigation Industry Association of BC (IIABC) to assess existing irrigation systems and provide recommendations to increase water use efficiency. The designer must develop an action plan that includes:</p>



BMP Category: Practice Code	Eligible BMPs and Costs
	<ul style="list-style-type: none"> <li>• Assessment of the existing irrigation system to determine whether the design aligns with industry standards and whether the water supply and water licences are adequate to meet crop needs</li> <li>• Recommendations to increase water use efficiency for all components of irrigation systems, including water delivery and application</li> <li>• A certified design layout, material list, and operation and maintenance requirements</li> <li>• Applicable <b>Irrigation System Assessment Worksheets</b> from the EFP Planning Workbook <u>or</u> Irrigation System Assessment Guide</li> <li>• Site investigation by a Certified Irrigation Designer prior to action plan and quote preparation</li> <li>• Identification of areas where maintenance is required</li> <li>• Certified Irrigation Designer must sign and seal each plan for the project to be eligible for funding</li> <li>• The Certified Irrigation Designer must submit an invoice to the producer outlining the services before payment for plan preparation are made</li> </ul>
<p><b>Water Management Plan - 2902</b></p> <p>Previously Stormwater or Drainage Management Plan</p> <p>Consultative services to mitigate issues arising from excess water, water supply, and other water-related issues</p> 	<ul style="list-style-type: none"> <li>• <b>Up to \$6K per plan</b></li> <li>• Consultative services for water management planning to deal with issues arising from excess water (stormwater and drainage), water supply, and other water-related issues resulting from climate change:</li> <li>• Plan must assess how the water is being managed on the farm for irrigation, livestock watering, and other farm water uses (water supply to the farm), 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:</li> <li>• Dam assessment and irrigation system assessment is not included (funded under BMPs 2901 and 1102):</li> <li>• Plan must include recommendations for water management improvements on the farm and specify whether additional water supply, storage, drainage/runoff control, or water licences are recommended:</li> <li>• Consideration should be given to design and operation parameters identified in the BC Agricultural Drainage Manual and/or the EFP Drainage Management Guide:</li> <li>• Plan must be developed and signed by a Qualified Professional (e.g., P.Ag., P.Eng with education and experience in agriculture and irrigation):</li> </ul>
<p><b>Riparian Management Plan - 3001</b></p> <p>Consultant fees to produce a riparian management plan (RMP) report for farmer with BMP recommendations that include a design layout, species list and maintenance protocols</p> 	<ul style="list-style-type: none"> <li>• <b>Up to \$3K per plan</b></li> <li>• RMP is based on a needs assessment from riparian health assessments (RHA)</li> <li>• Planning and decision support tools (e.g. computer software, aerial photos)</li> <li>• Maps and land resource information costs</li> <li>• Data collection, materials and sampling and analysis costs by consultant</li> <li>• Design work by a consultant for water course and wetland areas and riparian buffer strip projects. Detailed engineering of bank stability and/or stream crossings should be completed under Practice Codes 1007 or 1102</li> <li>• Report preparation by consultant</li> <li>• Plan review with producer</li> <li>• Linked to BMP Categories 10 and 11</li> </ul> <p><b>Ineligible items:</b></p> <ul style="list-style-type: none"> <li>• Time, effort and travel by the producer</li> <li>• Professional services not directly related to riparian health assessment and buffer strip planning</li> </ul>

BMP Category: Practice Code	Eligible BMPs and Costs
	<ul style="list-style-type: none"> <li>Field-specific agronomic practices (e.g. variable rate application of crop inputs)</li> <li>Costs associated with developing engineer reports for drainage projects</li> </ul>
<p><b>Vegetative Buffer Planning - 3401</b></p> <p>Services of a qualified consultant or EFP Program designate to produce a vegetative buffer plan (VBP) that includes a design layout, species list and maintenance protocols</p> 	<ul style="list-style-type: none"> <li><b>Up to \$3K per plan</b></li> <li>A shelterbelt, buffer or hedgerow VBP based on a needs assessment from a BMP recommendation generated during the EFP process</li> <li>Services of a qualified consultant or EFP Program designate to produce a vegetative buffer plan (VBP) that includes a design layout, species list and establishment protocols-</li> <li>A shelterbelt, buffer or hedgerow VBP based on a needs assessment from BMP recommendations generated through the EFP process.</li> <li>Planning and decision support tools (e.g. computer software, aerial photos)</li> <li>Maps and land resource information costs</li> <li>Data collection, materials, sampling and analysis costs by consultant or designate</li> <li>Design work by a consultant for buffer layout, species selection and establishment costs</li> <li>Report preparation and plan review with producer</li> <li>Linked to BMP Practice Code 1901</li> </ul> <p><b>Ineligible items:</b></p> <ul style="list-style-type: none"> <li>Time, effort and travel by the producer</li> <li>Professional services not directly related to the VBP</li> </ul>
<p><b>Complex Plans</b> (80% to a maximum program payment of \$10K associated with first plan)</p>	
<p><b>Improved Manure Storage and Handling - 0106</b></p> <p>Engineering or technical design work by a qualified professional (earthen manure storage structure assessment)</p> 	<ul style="list-style-type: none"> <li>Assessment of existing earthen manure or agricultural by-product storage basins (lagoons) built before February 28th, 2019 by a qualified professional as per Section 24: <i>The Code of Practice for Agricultural Environmental Management</i></li> <li>Costs can include site assessment by drilling, analytical costs for soil or water and report preparation</li> </ul> <p><b>Ineligible items:</b></p> <ul style="list-style-type: none"> <li>Permanent monitoring equipment</li> <li>Leak prevention supplies</li> </ul>
<p><b>Product and Waste Management - 0804</b></p> <p>Engineering or technical design work</p> 	<ul style="list-style-type: none"> <li>Engineering or technical design report and drawings to facilitate construction of composting facility</li> <li>Compost facility operational planning and monitoring information</li> </ul> <p><b>Ineligible items:</b></p> <ul style="list-style-type: none"> <li>Construction materials</li> <li>Monitoring equipment</li> </ul>
<p><b>Carbon Dioxide (CO<sub>2</sub>) Emission Reduction - 3301</b></p> <p>Energy Assessments and alternative energy pre-feasibility study completed by a qualified professional</p> 	<ul style="list-style-type: none"> <li>Consultative services for on-farm energy efficiency assessment, and alternative energy assessments or pre-feasibility studies-</li> <li>Energy assessments for energy efficiency or for alternative energy assessments</li> <li>Alternative energy pre-feasibility assessments</li> <li>Assessments must be carried out by a contracted professional</li> </ul>

Designs (80% to a max program payment of \$20K)	
<p><b>Manure Treatment - 0204</b></p> <p>Engineering or technical design work</p> 	<ul style="list-style-type: none"> <li>• Eligible projects include assessment and design of agricultural by-product manure treatment</li> <li>• Focus of engineering or technical design should on recovery of nutrients</li> </ul>
<p><b>Farmyard Runoff Control / Storm Water Management - 0503</b></p> <p>Engineering or technical design work</p>  <p>Livestock only</p>	<ul style="list-style-type: none"> <li>• Eligible projects include 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</li> <li>• Consideration should be given to design and operation parameters identified in the BC Agricultural Drainage Manual and/or the EFP Drainage Management Guide</li> </ul>
<p><b>Relocation of Livestock Confinement - 0603</b></p> <p>Engineering or technical design work</p> 	<ul style="list-style-type: none"> <li>• Eligible projects include assessment and design of outdoor livestock confinement areas with a view to protecting riparian areas or critical habitat</li> <li>• Focus of engineering or technical design should be on both design of new site and the decommissioning of the original site</li> </ul>
<p><b>Nutrient Recovery from Wastewater - 1702</b></p> <p>Engineering or technical design work</p> 	<ul style="list-style-type: none"> <li>• Eligible projects include assessment and design of agricultural by-product wastewater treatment</li> <li>• Focus of engineering or technical design should on recovery of nutrients</li> </ul>
<p><b>Engineering or technical design/assessment – Water and Riparian 1102.1</b></p> <p>Previously 1703, 1007, 1102, and 1103</p> <p>Engineering or technical design by an accredited engineering consultant or a qualified professional in accordance with federal, provincial, and local government regulations and specifications</p> 	<p>Eligible projects include:</p> <ul style="list-style-type: none"> <li>• Assessment and design of any riparian structures (i.e., culverts, dams, bridges, revetments, root wads, fencing, off-stream watering, bank stabilization planting)</li> <li>• Assessment and design of licensed water storage structures (e.g., dugouts, dams, reservoirs) associated with water licences with an agricultural water use purpose</li> <li>• Engineering design or technical assessment required by the Ministry of Forests to support an application for a water licence with an agricultural water use purpose (e.g., Environmental Flow Needs assessment, hydrogeological assessment for groundwater application);</li> </ul>
<p><b>Methane (CH<sub>4</sub>) Emission Reduction - 3102</b></p> <p>Engineering design work or technical feasibility studies</p> 	<ul style="list-style-type: none"> <li>• This practice code is designated to be used when feasibility studies are required prior to the implementation of practice code 3101-1</li> <li>• This practice code will stand alone if project does not proceed for economic, technical, or environmental reasons</li> </ul>
<p><b>Carbon Dioxide (C<sub>2</sub>O) Emission Reduction - 3309</b></p> <p>Engineering or technical design work or technical feasibility studies</p> 	<ul style="list-style-type: none"> <li>• Option to utilize engineering or technical design in advance of 3303, 3304-1</li> <li>• This practice code will stand alone if a project does not proceed for economic, technical, or environmental reasons</li> </ul>

**Biogas: Feasibility Studies: (80% to a max program payment of \$50K)**

**Biogas Systems Feasibility Studies - 0205**

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 CO<sub>2</sub> in the atmosphere.



- Eligible projects include:
  - assessment 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 construction of biogas systems
  - Focus of engineering or technical design should be on biogas systems and associated required infrastructure. Recovery of nutrients may be included if it is required to meet regulated Nutrient Management Planning.
  - Estimated costs associated with development of studies or design must be submitted for review and approval
- Ineligible items:
  - Feasibility studies should not include the costs and infrastructure for standalone manure storage systems