



BC Sustainable Poultry Farming Group

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Status Summary October 2014

The SPFG met on September 17. Two new proposals were reviewed:

1. 2014-04 rev - Poultry Litter Anaerobic Digester and Pelletizer

A project looking at the feasibility and economic aspects of a centralized, large- scale AD system using poultry manure. The first step would be a pilot demonstration and research study. They may approach Investment Agriculture Foundation for funding. SPFG was asked to be the lead project applicant.

Decision: Sent a letter declining to be the lead applicant on the project. SPFG no longer manages projects under the new operating model. Recommend that they work with ARDCorp and Matt Dickson.

2. 2014-05 - Broiler Litter and Horse Bedding Gasification Feasibility Study

The objective of this project is to undertake a site-specific technical and economic feasibility assessment for gasification of used broiler litter and horse bedding in the Lower Mainland to produce renewable energy and ash fertilizer.

Decision: Approved funding requests and a SPFG representative will sit on project advisory committee

SPFG now has the following active projects underway:

- **2013-10** - Nutrient-recycling of poultry manure using aerobic digestion.
It should be noted that this project used SPFG's \$5,000 funding to lever an additional \$145,000 in funding from other sources.
- **2013-11** - Investigating Benefits of Supplementing Broiler Chicken Pellets with Poultry Litter Bio-char
- **2014-05** - Broiler Litter and Horse Bedding Gasification Feasibility Study (pending receiving funding from other sources)

Update on June projects:

1. 2014-01 - Seabreeze Dairy's Anaerobic Digester and Nutrient Recovery System – in progress
2. 2014-02 - OfBug – insect based protein for use in chicken feed – developing protocols
3. 2014-03 - NovoBind Livestock Therapeutics – received \$800,000 in funding from other projects and is now underway. May approach SPFG for funding in the future
4. 2014-04 - UBC Anaerobic Digester and Pelletizer – resubmitted as 2014-04 rev (see above)

The next SPFG meeting is November 25, 2014.