



BC Sustainable Poultry Farming Group (SPFG)

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Status Summary for October 11, 2017 SPFG Committee Meeting

One new proposal was reviewed:

2017-02 Integrated waste management across agricultural sectors for improved efficiency and sustainability (Manure Swapping Pilot) *The concept is to swap poultry manure with dairy farmers in return for separated dairy solids that would replace poultry manure to amend raspberry land.*

- **Decision: a letter will be sent to say that SPFG supports the concept and might possibly be interested in cooperating in future. However, SPFG is not willing to provide funding at this time.**

Updates on other SPFG projects:

2015-01 Genomic Analysis of Wetland Sediment as a Tool for Avian Influenza Virus Surveillance in Wild Waterfowl – they will be providing an update in person at a future SPFG meeting.

2015-02 The Development and Commercialization of Aerobic Digestion of Poultry Manure to Produce Bio-Active Fertilizers – they are working on the final report. The project ends in December

2015-07 Reducing Salmonella and Campylobacter contamination of poultry - They have been extensively conducting additional chicken experiments during the past months. They are analyzing the data now. They will send a detailed report probably by the end of October.

2016-02 One-day knowledge translation workshop in April 2017 on Wetland Sediment testing as a Tool for Avian Influenza Virus Surveillance – the project has been delayed.

2016-04 Validation of Cedar Leaf Oil Vapor in Poultry Hatcheries and Processing Facilities - the project is wrapping up and they're working on the final report. They were in three different chicken barns with positive results. They received organic certification for their product.

2016-06 BCAC's Public Trust Initiative - Sharon Eistetter was hired as Manager of Public Trust. She has developed a 12 month work plan for approval by the Steering Committee (Oct 12). She has included short term plan until March 31-18 which includes the quick wins such as information advertorials in Country Life, four farmer training sessions, attending career fairs, assembling a hub of practice, and meeting with stakeholder groups.

2016-07 Development of a Point-of-Care PCR diagnostic platform and assays for the poultry industry– Phase Two: field trials - The project was completed in June with field demonstrations held at the S.J. Ritchie Research Farms facilities in Abbotsford. Hydrogel PCR assays were run on-site for the four assays developed for the project: Eimeria sp., Clostridium perfringens, Salmonella sp and Cambylobacter jejuni. The project also developed and tested DNA extraction technology for four matrices: fecal matter, fecal droppings, environmental swabs and fecal swabs. The final results of the trial are being compiled in a report for BCIAF. Aquila is also preparing a white paper to present the technical results and applications

of the research to industry. Both reports will be available to SPFG when finalized. Aquila plans to move forward to commercialize assays for the poultry industry in 2018.

2017-01- *Designing an overpressure filtered air ventilation system.* SPFG is asking for more information.

- *For more information on the projects, please see the document Updates October 11, 2017 Long in the current research and project section of the website*

The next SPFG meeting is scheduled for January 2018.