



BC Sustainable Poultry Farming Group (SPFG)

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Status Summary for June 3, 2016 SPFG Committee Meeting

Two new proposals were reviewed:

2016-02 rev - One-day knowledge translation workshop in April 2017 on Wetland Sediment testing as a Tool for Avian Influenza Virus Surveillance.

The purpose of the workshop will be to inform stakeholders, particularly poultry producers, of preliminary results and create an opportunity for them to provide input.

- **Decision: project supported; provided partial funding**

2016-03 - Hydrogel qPCR technology AI comparison trials

A project to compare the AI sediment testing results between the new hydrogel qPCR technology and two high level reference labs.

- **Decision: Project supported; provided a letter of support**

Updates on other SPFG projects:

2014-05 - Broiler Litter and Horse Bedding Gasification Feasibility Study. Complete, final report, factsheet and article prepared and approved by SPFG. All will be posted on SPFG website.

2015-01 Genomic Analysis of Wetland Sediment as a Tool for Avian Influenza Virus Surveillance in Wild Waterfowl – analysing results and planning is under way for a phase two.

2015-02 The Development and Commercialization of Aerobic Digestion of Poultry Manure to Produce Bio-Active Fertilizers – they continue to make progress and are investigating using screw presses to extract the nutrient solution, adding a flocculation agent, and using nitric and sulphuric acid for pH control.

2015-03 Development of a Point-of-Care PCR diagnostic platform and assays for the poultry industry – Five test for AI, Salmonella, Coccidiosis, E. coli, and Clostridium; have been developed and tested in lab conditions. The next step is to test results against reference labs such as BC's Animal Health Centre.

2015-07b Reducing Salmonella and Campylobacter contamination of poultry – trial progressing

2015-08 Diatomaceous Earth as a poultry feed supplement – project has started

2015-09 Antibiotic Free Broiler Chicken Production - the results of the first flock was a two kg bird at 40 days and a 1.76 FCR. The trial continues.

2016-01 Turkey Manure Fermentation – the project is awaiting word on additional funding

The next SPFG meeting is September 2016.