



## BC Sustainable Poultry Farming Group (SPFG)

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### Status Summary for February 19, 2016 SPFG Committee Meeting

One new proposal was reviewed:

#### **2016-01 Turkey Manure Fermentation**

The project will look at using turkey manure as a feedstock in an aerobic digestion trial. In the past they've used broiler and layer manure. The opportunity to ferment turkey manure would help to optimize the process and challenge the technology's robustness by utilizing other feedstocks.

- **Decision:** *to support project and provide funding*

Scott Janzen has resigned from the committee. Matt Vane is the new egg representative.

#### **Updates on other SPFG projects:**

**2014-05 - Broiler Litter and Horse Bedding Gasification Feasibility Study** – they have short-listed a company to build a gasification site in the Lower Mainland and potential sites are being examined.

**2015-01 Genomic Analysis of Wetland Sediment as a Tool for Avian Influenza Virus Surveillance in Wild Waterfowl** – they continue to sequence their samples to identify AI strains. Planning is under way for a second phase.

**2015-02 The Development and Commercialization of Aerobic Digestion of Poultry Manure to Produce Bio-Active Fertilizers** – They are on the 6<sup>th</sup> run to trial pH control to maximize the availability of nutrients and to address dry mater issues.

**2015-03 Development of a Point-of-Care PCR diagnostic platform and assays for the poultry industry** – They have further refined their method of extracting target pathogen DNA from fecal matter. They are using their system to test the wetland sediment samples for AI; their results will be compared to lab results.

**2015-04 and 2015-05 Speakers for the Poultry Conference** – speakers have been found to speak on Water Quality & Sanitation and on Biosecurity at the March 9 and 10, 2016 conference.

**2015-07b Reducing Salmonella and Campylobacter contamination of poultry** - *to reduce the load of both Campylobacter jejuni and Salmonella enterica in the digestive tract of chickens.* Project secured other funding and started January 2016.

The next SPFG meeting is April 2016.