### Inquiry & synthesis competencies

#### (1) Identifies and locates what was needed to know about the focal question (i.e. poultry farms) from disparate fields

- **Poor**
- **Fair**
- **Good**
- **Excellent**

#### (2) Evaluates and integrates existing information from disparate arguments synthesis evidence (critique)

- **Poor**
- **Fair**
- **Good**
- **Excellent**

### Epistemological competence

#### (3) Recognizes different assumptions and epistemological stances

- **Poor**
- **Fair**
- **Good**
- **Excellent**

### Critical and Creative Thinking

#### (4) Applies concepts, framework, models from disparate fields

- **Poor**
- **Fair**
- **Good**
- **Excellent**

### Communication Literacy

#### (5) Differences in epistemology were appreciated:

##### (a) with people within discipline

- **Poor**
- **Fair**
- **Good**
- **Excellent**

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Synthesis Product

(b) with other people in other disciplines (general audience)

Normative Thinking

(6) Discusses the values, goals, hopes and fears of the people who will be impacted by your project (in a positive and negative way)

Actionable Science

(7) Provides rationale for how data is used to develop actionable science

(8) Shows, frames and shares the science to influence behavior, policy, and management

Accuracy

(9) All places, names and events are accurate and used in the correct context

Documentation

(10) Written documentation provided, all sources cited, and use of high

Total: /90