



Animal and Plant
Health Inspection
Service

Washington, DC

June 3, 2014

MEMORANDUM

TO: Andrew Perrault
Program Analyst
Office of Management and Budget, Desk Officer

THROUGH: Ruth Brown
Departmental Clearance Officer

FROM: Edward Avalos *Edward Avalos 6/3/14*
Under Secretary

for Kevin Shea *Kevin Shea 6/3/14*
Administrator

John R. Clifford *John R. Clifford 6/3/14*
Deputy Administrator

SUBJECT: Request for Emergency Approval of a New Information Collection
for Reporting, Herd Monitoring, and Management of Swine
Enteric Coronavirus Diseases

The Animal and Plant Health Inspection Service (APHIS) is preparing to submit to OMB an information collection request for a regular 3-year approval for activities related to reporting, herd monitoring, and management of swine enteric coronavirus diseases (SECDs). However, in response to the unanticipated increase of outbreaks of the diseases in the past 5 months, APHIS is requesting emergency approval for this information collection activity for 6 months.

During the past year, APHIS has confirmed for the first time the presence of two SECDs in the United States - porcine epidemic diarrhea virus (PEDV) and porcine delta coronavirus (PDCo V). Infections with these coronaviruses can cause significant morbidity and mortality, particularly in young piglets. PEDV has now spread to 30 States and caused approximately 7 million piglet deaths; PDCo V has recently been detected in 13 States. The economic harm to the industry will ultimately impact the producers with significant negative consequences because of eroding confidence among both domestic and international stakeholders. As the disease has spread, with concurrent media attention, negative trade impacts have recently increased. Trading partners are beginning to restrict not only live animals, but also animal-derived such as blood products and other byproducts.

Both diseases can be prevented or managed by strong biosecurity at farms through diligent cleaning and disinfection by transporters, renderers, processors and other service providers; and by developing herd immunity to reduce clinical signs. Industry actions to date have focused primarily on biosecurity to prevent the spread of the disease, but these efforts have not been effective in limiting the spread of the virus. There is no approved vaccine available for these viruses. A Federal Order issued by the Secretary of Agriculture, dated June 5, 2014, is establishing a mandatory disease reporting requirement and a herd monitoring and management requirement for novel swine enteric coronaviruses (SECD).

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Therefore, APHIS needs to take immediate action to find out important information about these viruses and to manage these infections with a plan that includes: 1) required disease reporting; and 2) development of herd management plans to address biosecurity and ongoing diagnostic monitoring.

It is critical for APHIS to use the reports and herd management plans to collect appropriate epidemiological information to help understand the disease spread and provide information for controlling the outbreak and is essential to the mission of APHIS. This emergency information collection activity will be used to help States:

- Identify the scope of the problem.
- Define and describe the affected population and susceptible population.
- Decrease the shedding and spread of the diseases.
- Predict or detect trends in disease emergence and movement.
- Understand the risk factors for disease.
- Estimate the cost of disease control and develop intervention options.
- Make recommendations for disease control.
- Provide lessons learned and guidance on the best ways to avoid future outbreaks based on a thorough analysis of data from the current outbreaks.

Approval to collect this information is needed immediately to protect the North American porcine population from the continued spread of swine enteric coronavirus diseases and to allow for better understanding of how to reduce the effect of these disease agents. The Secretary of Agriculture will be issuing a Federal Order to implement these actions on Thursday, June 5, 2014. Therefore, we are requesting emergency approval by June 5, 2014.

Thank you for your time and consideration.