



April 22, 2014

United States
Department of
Agriculture

Marketing and
Regulatory
Programs

Animal and Plant
Health Inspection
Services

Washington, DC
20250

To: Andrew Perraut
Program Analyst
Office of Management and Budget, Desk Officer

From: Bruce Wagner
National Animal Health Monitoring System Director

Subject: Request for Approval of an Emergency Epidemiologic Investigation for Swine
Operations Associated With Porcine Deltacoronavirus
Under ICR 0579-0376

APHIS would like to perform an emergency epidemiologic investigation under ICR 0579-0376 in response to the recent emergence of Porcine Deltacoronavirus (PDCoV) into the United States. The intent is to collect data on the clinical signs associated with PDCoV, basic epidemiologic measures (e.g., production type specific mortality rates, morbidity) and potential sources of the PDCoV for affected farms. PDCoV is not considered to be a foreign animal disease and there are no USDA regulations that address this disease. PDCoV is caused by a Coronavirus and is similar clinically as well as genetically to Porcine Epidemic Diarrhea (PED) and Transmissible Gastroenteritis (TGE).

In the beginning of 2014 a slight variant of the clinical picture observed over the past year for PED was reported in herds from the mid-West. Initially thought to be the PED virus, subsequent fecal PCR revealed a new virus, PDCoV. The focus of this epidemiological investigation is on describing herds infected with PDCoV whether or not the herds had PED prior to PDCoV.

More detailed information on the potential sources of PDCoV virus and management practices allowing spread of PDCoV and PED will be forthcoming after description of herds in a case series fashion as a first step.

Seven states with PDCoV positive herds will be selected to participate. Positive herds in each state will be contacted by State or Federal employees via their veterinary practitioner. Potential participants will be identified through private practitioners familiar with the herds. We are asking each State to complete 29 questionnaires. Information collected in this investigation will be used to:

- 1) Describe herd type and management characteristics that are present in herds infected with PDCoV
- 2) Provide basic information on the inputs to herds (new entering swine, truck biosecurity and feed) that are affected by PDCoV illness to describe the outbreak
- 3) Develop guidance on the next investigation steps the swine industry might take to ultimately decrease the risk of PDCoV infection

Approval to collect this information is needed immediately to gather information during the ongoing epidemic in the United States. Therefore, we are requesting approval of the paperwork clearance package by April 28, 2014.

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Thank you for your time and consideration.

A handwritten signature in blue ink that reads "Bruce Wagner".

Bruce Wagner
National Animal Health Monitoring System Director
Centers for Epidemiology and Animal Health
Veterinary Services



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