

# IOWA STATE UNIVERSITY

Veterinary Diagnostic Laboratory  
Department of Veterinary Diagnostic  
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Ames, IA 50011

To: ISU VDL Clientele  
(Message to submitters of porcine diagnostic specimens)  
Date: July 1, 2014  
From: Rodger Main, ISU VDL Director of Operations  
Subject: Update - USDA's Swine Enteric Coronavirus Disease (SECD) Reporting Requirements

We are reaching out to share what we have learned about the new reporting requirements associated with the USDA's Swine Enteric Coronavirus Disease (SECD) Federal Order that was issued by the US Secretary of Agriculture and declared to be effective June 5<sup>th</sup>, 2014.

As you are likely aware, the USDA's SECD Federal Order now requires "producers, veterinarians, veterinary diagnostic laboratories or others with knowledge of disease" to report new cases of PEDV and PDCoV (Porcine Deltacoronavirus) to the appropriate state and/or federal animal health officials.

While the USDA Veterinary Services continues to more fully define the various components, practical implications, and mechanics/logistics of the SECD Federal Order; the language in the SECD Federal Order and subsequent direction from the USDA seems to be increasingly clear on the items outlined below that specifically address the reporting requirements associated with VDL case submissions. Thus, we feel it important to communicate what we have learned to date.

**Please note:** Should you have any questions concerning the interpretation of the USDA's SECD Federal Order, producer or submitting veterinarian reporting responsibilities, methods for reporting cases of PEDV or PDCoV, need for herd management plans, and/or other roles, responsibilities, or requirements associated with the USDA's SECD Federal Order; please consult with your respective state animal health official, state veterinarian, and/or USDA-APHIS Assistant District Director. USDA SECD Federal Order information = <http://www.aphis.usda.gov/animal-health/secd>

ISU VDL's role is to support the needs of our clients, streamline the transfer of information necessary to maintain our (VDL clientele and ISU VDL) collective compliance with SECD Federal Order, and minimize the reporting burdens required of ISU VDL clientele. The **most significant need** to streamline information flow, fulfill the diagnostic result reporting requirements, and minimize the reporting burden is to **include the premises identification number (PIN) on the VDL submission form** on cases originating from farm sites. Premises identification numbers (PINs) can generally be ascertained by contacting your respective state veterinarian's office, department of agriculture, or board of animal health. The ISU VDL will continue to work with you in efforts to establish repeatable and user friendly practices for incorporating PINs into veterinary diagnostic case records. Please contact Dr. Katie Woodard at the ISU VDL (515-294-1950 or [kwoodard@iastate.edu](mailto:kwoodard@iastate.edu)) should you have any questions or interest in better understanding the options presently available (e.g., pre-labeled bar-codes; typed or written on VDL submission forms; and/or pre-population of ISU VDL's laboratory information management system with farm site information) for incorporating PINs into VDL case records.

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Since the announcement of the USDA SECD Federal Order, the ISU VDL has been actively seeking information to better understand the implications of the new rules and has continued to report PEDV and PDCoV diagnostic results on case submissions from farm sites to the USDA as we have since June 2013. The primary reporting requirement change necessitated by the SECD Federal Order is the need to provide either the “PIN or an alternate farm site specific location identifier” to the USDA. The PIN (when available) is the only farm site or location specific identifier being reported.

As outlined in more detail below, another key point of interest going forward will be to determine the submitting veterinarian’s desire to voluntarily share their name and phone number with the USDA, such that the submitting veterinarian can serve as the primary point of contact (as opposed the site owner affiliated with the PIN) for any follow-up inquiries from the USDA or state animal health officials responsible for verifying site information, history of clinical signs, and/or to determine the need for a herd management plan. To date, VDL submitter specific information (e.g. name and phone number of the herd veterinarian) has not been shared with the USDA, as this information was not specifically stated as a requirement in the SECD Federal Order. We will be reaching out to ISU VDL submitting veterinarians in a subsequent communication to better understand your personal and/or collective preferences.

**Key points learned on the VDL associated reporting requirements in USDA’s SECD Federal Order:**

1. Diagnostic case submissions originating from farm sites with PEDV or PDCoV PCR positive test results are to be reported to the to the appropriate state and/or federal animal health officials.
2. Duplicate reporting by the herd owner, producers, veterinarians, or others with knowledge of the disease **is not required** for farm sites that are initially presumed to be affected with an SECD due to either PEDV or PDCoV positive PCR test results on cases submitted to veterinary diagnostic labs in the National Animal Health Laboratory Network (e.g., ISU-VDL, UMN-VDL, SDSU-ADRDL, KSU-VDL etc.) on or after 6/05/2014.
3. Components of the diagnostic record specifically stated as needing (required) to be reported according to the USDA’s SECD Federal Order include:
  - A premises identification number (PIN)
  - Date the sample was collected
  - Type of unit being sampled (sow, nursery, finisher)
  - Test methods used to make the diagnosis
  - Diagnostic test results

**Note:** As mentioned previously; the primary change needed to fulfill the reporting requirements stated in the USDA’s SECD Federal Order that differs from the PEDV and PDCoV diagnostic reporting to the USDA that has been occurring since June 2013 is the need to include either a premises identification number (PIN) or an alternate premises specific location identifier. Unless otherwise directed by the submitting veterinarian, the PIN is the only farm site or location specific identifier being reported.

4. The submitting veterinarian associated with a VDL case submissions testing positive for PEDV and/or PDCoV was not specifically stated in the SECD Federal Rule as needing (required) to be reported. However, if the submitting veterinarian prefers to serve as the point of contact for potential follow-up from the USDA or state animal health officials responsible for verification of site information, history of clinical signs and/or to determine the need for a herd management plan; the USDA will need to be voluntarily provided the relevant contact information (name and phone number) of the submitting veterinarian. Alternatively, if the submitting veterinarian’s contact information is not provided, it is our understanding that it is the USDA’s intent to follow-up with the farm site owner associated with the PIN or alternative location identifier provided.

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**Note:** The ISU VDL will be reaching out to ISU VDL clientele (submitters of porcine diagnostic specimens from farm sites) in a subsequent communication to better understand your personal and/or collective preferences on how to best handle preferred point of contact (e.g., PIN only or if the submitting veterinarian wants to voluntarily provide their contact information and serve as the primary point of contact).

5. The USDA recently provided the message below to NAHLN Laboratories outlining the USDA's intent to pay for the PEDV and PDCoV PCR diagnostic testing fees on diagnostic case submissions to NAHLN labs that originated from farm sites (see details below). The USDA has subsequently indicated that this reimbursement will be made retroactive to the effective date of the SECD Federal Order (June 5<sup>th</sup>, 2014). Thus, the ISU VDL is confirming these commitments, understanding requirements, and will be working with its clientele in the coming weeks to credit its clients for the PEDV and PDCoV PCR testing from farm sites that will be reimbursed by the USDA retroactive to June 5, 2014. We suspect some additional information will be coming from the USDA in the near future that will likely place limits on the number of reimbursable tests on a per case submission (or premises) basis. Similarly, once these details and USDA's commitments are confirmed, the ISU VDL will begin to credit the PEDV and/or PDCoV PCR testing that will be reimbursed by the USDA on cases from farm sites prior to being invoiced. The ISU VDL will continue to communicate as we know more. We will ask for your patience as we work through this transition.

Message recently received from USDA to the NAHLN veterinary diagnostic laboratories:

“USDA will pay for diagnostic testing to support the initial diagnosis of PEDV and PDCoV in swine herds and the herd monitoring and management plans of herds meeting the USDA's case definition, regardless of the test result (positive and negative results). Samples submitted to NAHLN laboratories from farm sites or export quarantine facilities located in the United States for PEDV and PDCoV testing will be paid for by the USDA through blanket purchase agreements to the NAHLN laboratories. These samples may include individual animal samples or environmental samples which are linked to specific farm sites and live pigs. Currently the USDA will only support diagnostic testing using PCR. Support for other diagnostic assays will be considered in the future.

Approved sample types for PEDV and PDCoV PCR testing eligible for reimbursement include:

- Intestines
- Feces
- Fecal Swabs
- Oral Fluids
- Environmental Samples (specifically associated with a farm site and live pigs)

Samples submitted from truck washes, trucks, trailers, other transport vehicles, feed, feed mills, and other non-farm site samples including those submitted for research purposes will not be paid for by the USDA.” (End of USDA quote)

We apologize for the length of this communication but hope you found it informative. We will continue to communicate as we know more. Again, ISU VDL's role is to support the needs of our clients, streamline the transfer of the information necessary to maintain our (VDL clientele and ISU VDL) collective compliance with SECD Federal Order, and minimize the reporting burdens required of ISU VDL clientele. If you have any specific questions or concerns relating to the content in this update, please don't hesitate to give either Dr. Katie Woodard (VDL Client Outreach and Education) or myself (Rodger Main) a call at the ISU VDL (515-294-1950).

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