

Peer Review Plan

Preliminary Title: Trends and Developments in Hog Manure Management: 1998-2009

Type of Report
(ERR, EIB, EB)

EIB

Influential Scientific Information

Agency:

Economic Research Service
USDA

Highly Influential Scientific Assessment

Agency Contact:

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Subject of Review:

How hog manure is managed has important implications for water and air quality and human health. The consolidation of hog production on fewer and larger operations has meant that an increasing volume of hog manure is produced on operations with less available cropland for spreading manure. This increased concentration has magnified risks that manure nutrients will flow into ground and surface water due to the over-application of manure on crops, or due to leakage from manure storage facilities. The concentration of hogs has also lead to conflicts over odor and air quality. This study uses data from three national surveys of hog farmers to examine how hog manure management practices have evolved between 1998 and 2009, updating and expanding on an earlier ERS report that examined 1998-2004 trends. Of particular concern are the possible effects changes to the Clean Water Act, State regulations, and increasing local conflicts over air quality issues, including odor, have had on manure management decisions.

Purpose of Review:

The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review:

Panel Review

Individual Reviewers

Alternative Process (Briefly Explain):

Timing of Review (Est.):

Start: 12/15/10 End: 02/11/11 Completed: 02/11/11

Number of Reviewers:

3 or fewer

4 to 10

More than 10

Primary Disciplines/Types of Expertise Needed for Review:

Economists

Reviewers selected by:

Agency

Designated Outside
Organization

Organization's Name:

Opportunities for Public Comment?

Yes

No

If yes, briefly state how and when these opportunities will be provided:

How:

When:

Peer Reviewers Provided with Public Comments?

Yes

No

Public Nominations Requested for Review Panel?

Yes

No

