



What's New with Solid Separation? NRCS has an Answer

October 18, 2019

2:30 pm (eastern), 1:30 pm (central), 12:30 pm (mountain), 11:30 am (pacific)

NRCS has a new technical document entitled "Solid-Liquid Separation Alternatives for Manure Handling and Treatment." This document brings together both the theory behind solid-liquid separation and the practical application of many different separation technologies. Several farm scale demonstration projects are also summarized in the report. Some of the purposes and uses of this document include assisting in solid-liquid separation technology selection, evaluating separation performance, and quantifying the impact of solid-liquid separation on manure management. This presentation provides an overview of this document including methods of solid-liquid separation, influence of manure characteristics and handling methods, fundamentals of solid-liquid separation, performance of various solid-liquid separation technologies, unique separation technologies and applications and design considerations. *An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted.*



Jeff Porter is the National Animal Manure and Nutrient Management Team Leader located at the East National Technology Support Center in Greensboro, NC. His main responsibilities include reviewing and evaluating innovative technologies in manure management, working with states to assist in the transfer of these technologies to help carry out the NRCS mission. After working a short time for the Agricultural Research Service, he transferred to NRCS (SCS at the time) and worked in various Midwestern states, including

Michigan, Missouri, and Iowa before accepting a position with the Animal Manure and Nutrient Management Team (formerly Manure Management Team) in September 2006. Jeff grew up on a small farm in southern Indiana. He earned his Bachelor's and Master's degrees from Purdue University in Agricultural Engineering. Phone: (336) 370-3342; Email: Jeffrey.porter@gnb.usda.gov

Dr. Joe Harrison is a faculty member of the Department of Animal Sciences at Washington State University and has been conducting research and demonstration projects related to livestock nutrient management, including feeding management. Joe will serve as the moderator for this webinar. Phone: (253) 445-4638; Email: jhharrison@wsu.edu



How Do I Participate?

On the day of the webinar, go to lpec.org/live-webinar-information/ to download the speaker's power point presentations and connect to the virtual meeting room. First time viewers should also follow the steps at: lpec.org/how-do-i-participate-in-a-webcast/.

For More Information

- Solid-Liquid Separation Alternatives for Manure Handling and Treatment
<https://directives.sc.egov.usda.gov/OpenNonWebContent.aspx?content=43926.wba>

This webinar is brought to you by the LPE Learning Community and the S1074 Multistate Project *Future Challenges in Animal Production Systems: Seeking Solutions through Focused Facilitation*.

The LPE Learning Community is a project dedicated to the vision that individuals involved in public policy issues, animal production, and delivery of technical services for confined animal systems should have on-demand access to the nation's best science-based resources. See our website at: lpec.org.