

**STATEMENT OF WORK
Pathogen Management (NY783)
New York State**

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

Items marked with an asterisk (*) will be delivered to the Designated Conservationist.

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan
 - b. Practice standard criteria-related 4-barrier approach shall be developed including but not limited to:
 - i. Reducing the potential for pathogens to enter the farm
 - ii. Minimizes cross-contamination among animals and amplification of infection within a herd or flock
 - iii. Restricting movement of contaminated feces into watercourses
 - iv. Mitigation techniques, if necessary
2. Written plans describing the preventative measures taken to reduce the risk of pathogens entering the farm.
3. A veterinarian, utilizing the protocol from the New York State Cattle Health Assurance Program (NYSCHAP), or other similar protocols for appropriate species, shall develop the first two barriers
4. ***Documentation of needed operation and maintenance.**
5. Plan modifications during installation as required.

INSTALLATION

Deliverables

1. Delay of installation until TSP receives written verification from NRCS that all NEPA requirements have been satisfied for this practice.
2. Pre-application conference with client
3. Application guidance as needed
4. Facilitate and implement required actions with client and original designer
5. ***Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.**

CHECK OUT

Deliverables

1. ***Records of application:**
 - a. Extent of practice units applied
 - b. Actual materials/control method/mitigation techniques used
 - c. Herd health record keeping is up to date
2. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**

**STATEMENT OF WORK
Pathogen Management (NY783)
New York State**

3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Pathogen Management, NY783
- NRCS National Environmental Compliance Handbook
- NYS Agricultural Environmental Management (AEM) Tier 2 worksheet titled “Waterborne Pathogens”
- Waterborne Pathogen Information Sheet – Principles of Pathogen Concern: **Cryptosporidium and Giardia ; Escherichia coli 0157:H7**
Watershed Science Institute, USDA, NRCS
- Waterborne Pathogens in Agricultural Watersheds, Watershed Science Institute, USDA, NRCS, June 2000 (NRAES 147)
- NYSCHAP Core and Environmental Pathogen Modules