

Appendix

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References for NPDES Permit Writers

EPA Programs and Information

NPDES Permit Program Basics

This website provides basic permitting tools and information.

http://cfpub.epa.gov/npdes/home.cfm?program_id=45

NPDES Permit Writers' Manual

U.S. EPA NPDES Permit Writers Manual

EPA 833-B-96-003, December 1, 1996.

To download individual chapters or the entire document, go to EPA's NPDES Permit Writers' Manual page at

http://cfpub.epa.gov/npdes/writermanual.cfm?program_id=45

CAFO Final Rule Web Page

This website provides access to the text of the rule and preamble, outreach brochures, supporting documents, and guidance documents.

<http://www.epa.gov/npdes/caforule>

Enforcement & Compliance History Online (ECHO)

EPA website for online inspection, violation, and enforcement facility data on CAFOs from PCS or ICIS.

http://www.epa-echo.gov/echo/compliance_report_water.html

TMDL Program

EPA Office of Wetlands, Oceans and Watersheds. TMDL Program

<http://www.epa.gov/OWOW/tmdl/index.html>

Clean Water Act Section 319 Nonpoint Source Management Program

EPA Office of Wetlands, Oceans and Watersheds, Clean Water Act Section 319

<http://www.epa.gov/owow/nps/cwact.html>

Source Water Protection Programs

EPA Office of Groundwater and Drinking Water, Source Water Protection

<http://www.epa.gov/safewater/protect.html>

Development Document for the Final Revisions to the National Pollutant Discharge Elimination System (NPDES) Regulation and the Effluent Guidelines for Concentrated Animal Feeding Operations

EPA-821-R-03-001

Chapter 4 of this document contains an overview of the livestock industry and profiles of specific animal sectors that EPA compiled for the 2003 CAFO rule revisions.

http://www.epa.gov/npdes/pubs/cafo_dev_doc_p1.pdf

National Management Measures to Control Nonpoint Source Pollution from Agriculture

EPA 841-B-03-004, 2003

Includes information on selecting and implementing BMPs to control the contribution of pollutants to surface water.

<http://www.epa.gov/owow/nps/agmm/index.html>

Risk Assessment Evaluation for Concentrated Animal Feeding Operations

EPA/600/R-04/042, May 2004

This document discusses risk factors associated with CAFOs, including nutrients and pathogens.

<http://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=901V0100.txt>

Routine Biosecurity Procedures for EPA Personnel Visiting Farms, Ranches, Slaughterhouses and Other Facilities with Livestock and Poultry

December 10, 2001

<http://www.epa.gov/oecaerth/resources/policies/monitoring/inspection/biosecuritymemo.pdf>

National Agriculture Compliance Assistance Center (Ag Center)

<http://www.epa.gov/agriculture/agctr.html>

Non-Water Quality Impact Estimates for Animal Feeding Operations

Eastern Research Group for USEPA, December 2002

Sections 304(b) and 306 of the CWA require that EPA consider non-water quality environmental impacts of ELGs. This document provides an analysis of non-water quality impacts of the CAFO ELGs, particularly air emissions and energy impacts.

http://www.epa.gov/npdes/pubs/cafo_nonwaterquality.pdf

Air Emissions from Animal Feeding Operations: Current Knowledge, Future Needs

National Academy of Sciences, February 2003

This document presents the findings of the ad hoc committee tasked by USEPA and USDA to evaluate estimates of air emissions from animal feeding operations, identify research needs, and recommend modeling methods.

http://www.epa.gov/ttn/chief/ap42/ch09/related/nrcanimalfeed_dec2002.pdf

USDA Programs and Information**2008 Farm Bill**

USDA's online gateway to information about the 2008 Farm Bill.

<http://www.ers.usda.gov/FarmBill/2008/>

USDA Natural Resources Conservation Service (NRCS)

<http://www.nrcs.usda.gov>

USDA NRCS Animal Feeding Operations (AFO) and Confined Animal Feeding Operations (CAFO)

CNMP information

<http://www.nrcs.usda.gov/technical/afo/>

USDA NRCS Conservation Programs

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/?ss=16&navtype=BROWSEBYSUBJECT&cid=null&navid=100120000000000&pnavid=100000000000000&position=BROWSEBYSUBJECT&ttype=main&pname=Financial Assistance> | NRCS

Environmental Quality Incentives Program

<http://www.nrcs.usda.gov/programs/eqip/>

Agricultural Management Assistance Program

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/?ss=16&navid=100120240000000&pnavid=100120000000000&position=SUBNAVIGATION&ttype=main&navtype=SUBNAVIGATION&pname=Agricultural Management Assistance>

Wildlife Habitat Incentives Program

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/?ss=16&navid=100120340000000&pnavid=100120000000000&position=SUBNAVIGATION&ttype=main&navtype=SUBNAVIGATION&pname=Wildlife Habitat Incentives Program>

USDA NRCS Animal Feeding Operations (AFO) and Confined Animal Feeding Operations (CAFO)

CNMP information

<http://www.nrcs.usda.gov/technical/afo/>

USDA NRCS CNMP Technical Guidance

USDA's General Manual, Title 190 - Part 405 Comprehensive Nutrient Management Plan Technical Criteria

<http://directives.sc.egov.usda.gov/26583.wba>

USDA NRCS Nutrient Management Technical Practice Standard 590

USDA NRCS Nutrient Management Technical Resources, Conservation Practice Standard, Code 590.

<ftp://ftp-fc.sc.egov.usda.gov/NHQ/practice-standards/standards/590.pdf>

USDA NRCS Nutrient Management Technical Resources

This website provides computer-based tools to facilitate the development and implementation of NMPs.

<http://www.nrcs.usda.gov/technical/nutrient.html>

NRCS National Engineering Handbook Part 651

Agricultural Waste Management Field Handbook

<http://www.wsi.nrcs.usda.gov/products/w2q/awm/handbk.html>**USDA Agricultural Research Service**<http://www.ars.usda.gov>**USDA NIFA, formerly Cooperative State Research, Education, and Extension Service**<http://www.csrees.usda.gov/>**USDA NIFA Cooperative Extension System Offices**

The Cooperative Extension System is a nationwide non-credit educational network.

<http://nifa.usda.gov/Extension/index.html>**USDA Farm Service Agency**<http://fsa.usda.gov/>**USDA Farm Service Agency, Conservation Reserve Program**<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=copr&topic=crp>**USDA Farm Service Agency, Conservation Reserve Enhancement Program**<http://www.fsa.usda.gov/FSA/webapp?area=home&subject=copr&topic=cep>**USDA National Nutrient Management Policy**

USDA's General Manual, Title 190 - Part 402 Nutrient Management

<http://www.nrcs.usda.gov/technical/ecs/nutrient/gm-190.html>**USDA Technical Service Providers (TSP) Registry**<http://techreg.usda.gov/>**State NRCS Field Office Technical Guidance**

Click on the map to find available technical guidance for states and counties.

<http://www.nrcs.usda.gov/technical/efotg/>

Associations and Trade Groups

American Egg Board<http://aeb.org/>**American Society of Agronomy (ASA)**<http://www.agronomy.org/>

Association of State and Interstate Water Pollution Control Agencies (ASIWPCA)

<http://www.asiwpca.org/>

Certified Crop Advisors (CCA)

<https://www.agronomy.org/certifications>

Certified Professional Agronomists (CPAg)

<https://www.agronomy.org/certifications>

Certified Professional Crop Scientists (CPCSc)

<https://www.agronomy.org/certifications>

Certified Professional Soil Scientists (CPSSc)

<https://www.agronomy.org/certifications>

ISO 14001

This website provides information on ISO 14001 and other standards from the International Standards Organization.

<http://www.iso.org/iso/home.htm>

National Alliance of Independent Crop Consultants (NAICC)

<http://www.naicc.org/>

National Association of Conservation Districts (NACD)

<http://www.nacdnet.org>

National Association of State Departments of Agriculture (NASDA)

<http://www.nasda.org>

National Cattleman's Beef Association (NCBA)

<http://www.beef.org>

National Milk Producers Federation (NMPF)

<http://www.nmpf.org>

National Pork Producers Council (NPPC)

<http://www.nppc.org>

National Turkey Federation (NTF)

<http://www.turkeyfed.org>

United States Poultry and Egg Association

<http://www.poultryegg.org>

Other References

Land Grant Universities

This National Institute of Food and Agriculture (NIFA) website provides directory of land-grant universities. To see a list of land-grant university websites, click a state.

http://www.csrees.usda.gov/qlinks/partners/state_partners.html

2010 Manure Analysis Proficiency Laboratories

<http://www2.mda.state.mn.us/webapp/lis/manurelabs.jsp>

The North American Proficiency Testing (NAPT) Program

<http://www.naptprogram.org/>

USDA and EPA Livestock and Poultry Environmental Stewardship Curriculum

This resource also includes the Livestock and Poultry Environmental Stewardship Program—
Lesson 51- Mortality Management

(http://www.extension.org/mediawiki/files/a/a8/LES_51.pdf)

<http://www.lpes.org/>

USDA Agricultural Research Service and Washington State University

Soil Plant Air Water (SPAW) Hydrology Model

<http://hydrolab.arsusda.gov/SPAW/Index.htm>