



Agriculture

Agriculture - Learning and Reference Resources

This course contains a list of weblinks and other resources for agricultural staff.

Why EPA and the States Inspect Farms

This video "Why EPA and the States Inspect Farms," demonstrates what poultry and egg farms can expect if their farms are inspected by the U.S. Environmental Protection Agency or a state environmental agency.

On the Field, In the Barn, By the Stream

Courtesy of the Blair County Conservation District

Videos produced by the Blair Conservation District on the requirements of the DEP Manure Management Manual, Chapter 91, Chapter 102 and how to use Ag BMPs.

Overview of PA Clean Streams Law for Horse and Stable Owners

All horse owners are regulated under the Pennsylvania Clean Streams Law to manage manure and control sediment erosion on their operations.

PracticeKeeper Standard Reports – Agriculture

After this module CD Managers and other staff will be able to understand the agriculture-related standard reports generated by the PracticeKeeper application.

Ag. E&S Manual

This course introduces the new Agricultural Erosion and Sediment Control Manual.

Agricultural Initial Inspections

Updates to DEP Agricultural Inspection Forms

This webinar reviews updates to the DEP Agricultural Inspection Form.

Nutrient and Manure Management

Conducting a Farmer Plan Writing Workshop - Facilitator Training

This course is intended for individuals that wish to conduct a workshop(s) for farmers on how to write Manure Management Plans.

Attachment G

45-minute training to Understand the PracticeKeeper quarterly data reporting requirements for Chapter 91.

Attachment F

45-minute training to Understand the PracticeKeeper quarterly data reporting requirements for Chapter 91.



Nutrient and Manure Management Delegation - Quarterly Report Attachment H

30-minute training to Understand the PracticeKeeper attachment H.

Act 49 - NBS Quarterly Reporting

At the conclusion of this course learners will be able to understand the PracticeKeeper quarterly data reporting for Act 49, properly enter data from the nutrient balance sheet into the Act 49 Module of PracticeKeeper and generate the Act 49 Commercial Manure Hauler & Broker Program Nutrient Balance Sheet Quarterly Reports.

Chapter 102 – Construction Stormwater

Chap. 102 - Learning and Reference Resources

This is a list of documents, manuals, websites, etc. that new technicians and the recently hired need for the Chapter 102 - NPDES Construction Stormwater Program. For example, the Administrative Manual, Chapter 102 Permit Templates, Training Plans, Request for Presentations, Stormwater, E&S, Riparian Forest Buffer Manuals, DEP Policies, DEP Websites and External Websites. SOP's can be found in the Administrative Manual.

Conservation District Organization, Role and Source of Authority

This course covers the legal authority for conservation district and DEP to perform their responsibilities. The course reviews law, regulations that empower staff. The course also reviews the limits to the authority.

Rip Rap and Coarse Aggregate

Courtesy of the Lebanon County Conservation District

This course provides an introductory overview of the following, physical characteristics of aggregate, aggregate mining, aggregate processing and gradation and aggregate end uses.

2019 Section 6 Update to Administrative Manual

This course is intended to familiarize and assess staff understanding with the updates to Section 6 of the DEP Chapter 102 Administrative Manual.

Stormwater Basin Retrofitting

Courtesy of the Westmoreland County Conservation District

Produced by the Westmoreland Conservation District, this two-part video, discusses the design, assessment, retrofitting, and maintenance of stormwater basins.

Permitting

Understanding Contour Lines

Videos on how to read and interpret a topographic map.



Pre-Construction Meetings

This course will review the importance of preconstruction meetings, who should attend, what materials should be on hand, what should be covered and how to handle changes to the plan as a result of the meeting.

How to Use ICIS (Integrated Compliance and Information System)

This course contains a variety of instructional modules on how to use enter data and run reports in ICIS (Integrated Compliance and Information System).

Completeness Review

This is a basic or introductory training on the process of conducting a Completeness Review.

Introduction to E&S Plan Technical Review

This course covers the E&S Technical Review Process for the Chapter 102/NPDES Construction Stormwater Program.

Permit Requirements GP and IP - Construction Stormwater

This course describes the conditions and applicability of the two permit types. The permit types include the General and Individual NPDES Permits for construction stormwater.

Offsite Discharge FAQ

This course will review, what is an off-site discharge, when an off-site discharge analysis is required, what is included in an off-site discharge analysis and what is required for a chapter 102 permit application?

Major and Minor Amendments

At the conclusion of this course learners should be able to, identify field changes and describe examples, identify three proposed criteria for major amendment and describe an example of each, identify three proposed criteria for minor amendment and describe and examples of each and know how to process each type of change.

Solar Panel Farm Permitting

This presentation was developed to provide training related to DEP's Chapter 102 Permitting for Solar Panel Farms FAQ document.

Managed Release Concept (MRC) - Completeness Review

After this course learners will be able to describe how to review the Managed Release Concept during a Completeness Review of a Permit Application The completeness review is making sure that the required information is provided and that we would be able to perform the Technical Review.



Inspection and Compliance

Inspection of Common E&S BMP's

This course will cover the basics of how to conduct an erosion and sediment control inspection, more commonly referred to as an E&S inspection. It contains training modules that contain related BMPs and topics. Erosion and sediment control inspections are critical to determine the actual function of installed BMPs and to identify compliance assistance measures when failures are observed. The target audience for this training is conservation district and DEP staff but could be helpful to other construction professionals as well.

Notice of Termination – Administration

This course will deliver an overview of the NOT forms, the accompanying documents, and the review process. The course contents will clarify some of the key areas of the NOT instructions and the NOT SOP. You should read and become familiar with both documents in order to gain a full understanding of the permit termination process.

Compliance and Enforcement

This course reviews compliance and enforcement process and contains recommendations on how build a strong case.

Compliance and Enforcement Standard Operating Procedures

This is a Webinar on revised Compliance and Enforcement SOPs for 2018.

Safety

This course covers proper clothing and safety tips to be aware of when inspecting a construction site.

Introduction to the PCSM Inspection Report

This course provides a brief orientation to the PCSM Inspection Report released in August 2019.

New and Alternate BMP Information

SiltShield Information

This contains technical information regarding SiltShield and a video demonstration on how to splice SiltShield panels together.

Municipal Stormwater (MS4)

Pollutant Reduction Plan Mapping Basics

This web-based training will assist MS4 permittees with developing mapping for their Pollutant Reduction Plans.



Stormwater Basin Retrofitting

Courtesy of the Westmoreland County Conservation District

Produced by the Westmoreland Conservation District, this two-part video, discusses the design, assessment, retrofitting, and maintenance of stormwater basins.

The MS4 Inspection Process

This course provides a general overview of the MS4 inspection process and is intended for current and new water quality specialists assigned to conduct MS4 inspections.

Water Quality Standards and Other Water Science

Introductory Water Quality Standards

Introductory Course for new staff. The course covers three main components of the WQS program.

How to Use eMapPA

This course consists of several screen recordings using eMapPA to look up the protected use of a stream. In addition, eMapPA is used to look up whether a stream has attained its protected use or if the stream has been impaired.

Exploring the Utility of Side Scan Sonar Imaging for Freshwater Mussel Mapping in the Tidal Delaware River

30-minute video of recorded Lunch and Learn presentation in RCSOB.

Watershed Restoration

Turtle Creek - A partnership to improve a sediment impaired stream in Union County, Pennsylvania

A partnership to improve sediment-impaired streams in Union County, Pennsylvania.

Miscellaneous Courses

How to Use Clean Water Academy

Note: We recommend everyone takes this course right after signing up.

This course is an orientation to basic features learners need to use Clean Water Academy.

Climate Change in PA

How is climate change affecting the Commonwealth of Pennsylvania and what can we do about it?



The Volkswagen Settlement and Driving PA Forward

This course provides a basic background on vehicle emission standards, testing and Volkswagen's (VW's) violations. Also described is how VW got caught, the resulting lawsuit and VW settlement terms. The presentation describes the certification of beneficiaries, beneficiary mitigation plan, allocation of funds and the development of Driving PA Forward Initiative.

Clean Water: A Vital Resource for Pennsylvania

Introduction to the functions of DEP's Bureau of Clean Water.

History of NPDES Permitting

30-minute introductory overview of the history of NPDES Permitting in Pennsylvania.