# Water Quality Division

6 V.S.A. Chapter 215
Regulatory, Technical and Financial Assistance for Vermont Farms

Laura DiPietro
Water Quality Division Director
Vermont Agency of Agriculture, Food and Markets
January 8, 2020



## Agricultural Nonpoint Source Program



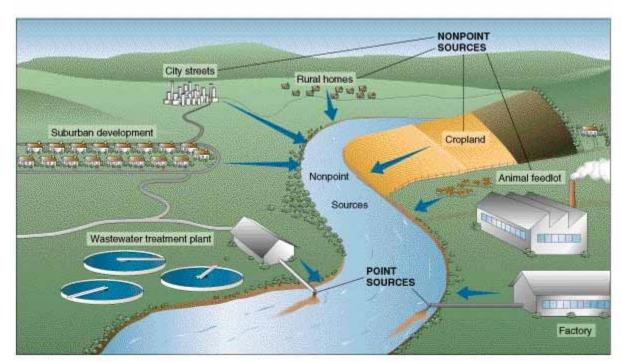
#### **Chapter 215: Agricultural Water Quality**

#### **Subchapter 1: General Provisions**

#### § 4801. Purpose; State policy

It is the purpose of this chapter to ensure that agricultural animal wastes do not enter the waters of this State. Therefore it is State policy that:

(1) All farms meet certain standards in the handling and disposal of animal wastes, as provided by this chapter, and the cost of meeting these standards shall not be borne by farmers only, but rather by all members of society, who are in fact the beneficiaries.



(Image: ecoursesonline.iasri.res.in)

#### NONPOINT Source Agricultural

- State Delegated to AAFM
  - RAPs (required agricultural practice rules)
    - CSFO (certified small farm operation)
  - MFO (medium farm operation rule & permits)
  - LFO (large farm operation rule & permit)

### WQ Division Breakdown

Ag Engineer

Andrew Mitchell

Ag Engineer

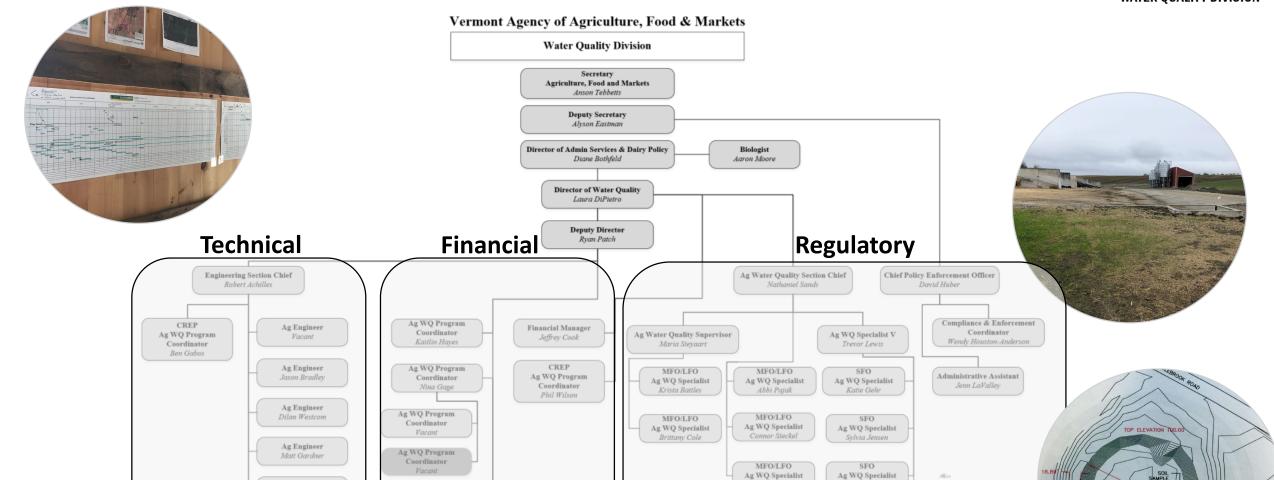
Amer Suvalic

Ag Engineer Jennifer Lacy Ag WQ Program

Coordinator Mary Montour

Ag WQ Program Coordinator Judson Peck





David Wardrop

Vacant

SFO Ag WQ Specialist

Vacant



Farm Regulatory Thresholds

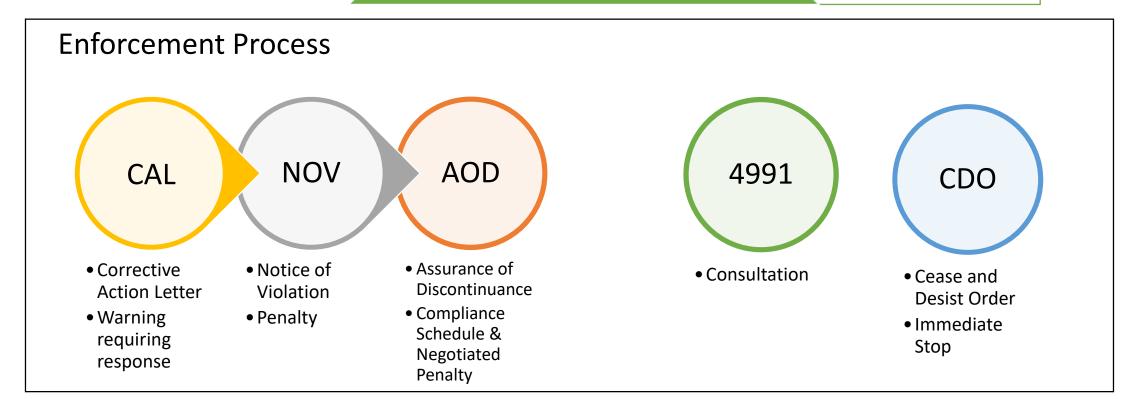
• Large Farm Operations

• Medium Farm Operations

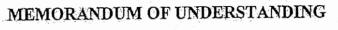
CSFO
• Certified Small Farm Operations

SFO
• Small Farm Operations

NRO
• Non-RAP Operations







between

the AGENCY OF AGRICULTURE, FOOD, AND MARKETS

and

the AGENCY OF NATURAL RESOURCES
REGARDING IMPLEMENTATION AND
ENFORCEMENT of

AGRICULTURAL WATER QUALITY PROGRAMS
AS REQUIRED BY 6 V.S.A. § 4810, 10 V.S.A. §§ 1259(i) and 8003(d)







**WATER QUALITY DIVISION** 

- Engineering & Design Services for Water Quality Project
- Farmland Conservation & Restoration















#### **BMP**

- Capital Construction Improvements
- \$4,147,750 awarded FY 20



#### **CREP**

- Surface Water Buffers
- \$0 awarded FY 20 (federal)



#### **CEAP**

- Equipment
- \$1,413,600 awarded FY 20



#### **FAP**

- Agronomic Practices
- \$795,645 awarded FY 20



#### **GWFS**

- Critical Seedings
- \$25,865 awarded FY 20



#### **PSWF**

- Pasture Support
- \$326,300 awarded FY 20



#### **CWIP**

- On Farm & Partner Support
- •\$3,409,003 awarded in FY 20



# State of Vermont Payment for Ecosystem Services Working Group



Membership of the working group, appointed by the Secretary of Agriculture, includes the following individuals and organizations:

Alyson Eastman - Chair, Vermont Agency of Agriculture, Food & Markets

Nancy Everhart - Vice Chair, Vermont Housing and Conservation Board

Jill Arace, Vermont Association of Conservation Districts

Cat Buxton, Vermont Healthy Soils Coalition

Paul Doton, Connecticut River Watershed Farmers Alliance

Vicky Drew, USDA Natural Resources Conservation Service - Vermont

Eric Howe, Lake Champlain Basin Program

Brian Kemp, Champlain Valley Farmer Coalition

Maddie Kempner, Northeast Organic Farming Association of Vermont

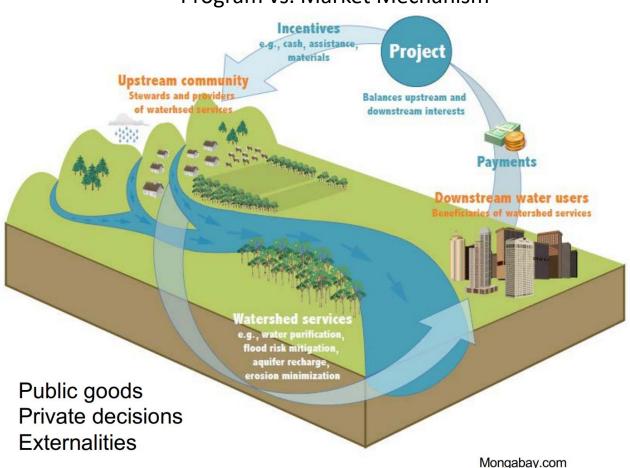
Taylor Ricketts, Gund Institute for Environment - The University of Vermo

Chuck Ross, University of Vermont Extension

Marli Rupe, Vermont Department of Environmental Conservation

Tyler Webb, Franklin and Grand Isle Farmer's Watershed Alliance

#### Program vs. Market Mechanism



# **VPFP** Vermont Pay-For-Phosphorus Program



USDA NRCS Awarded \$7million in 2020 to VAAFM to implement the VPFP Program



