

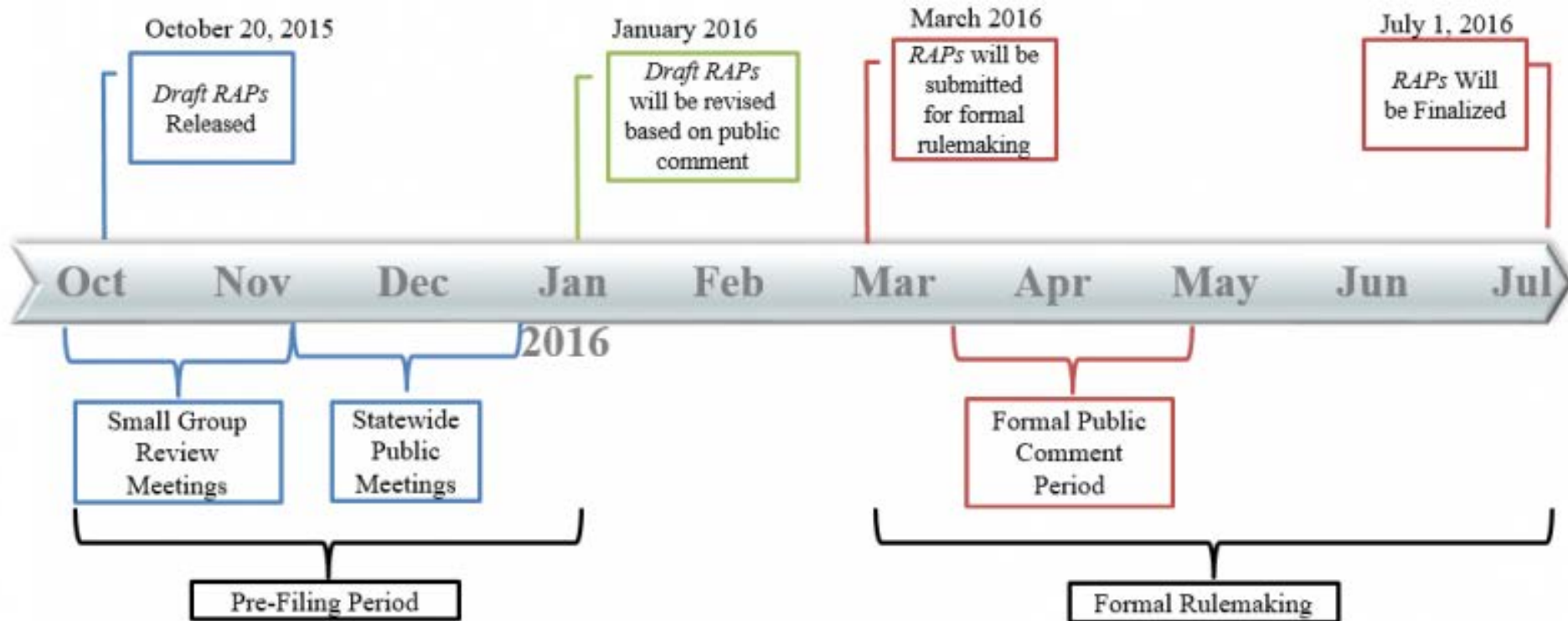


Agricultural Water Quality Regulations & Focus Short Presentation

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Vermont Agency of Agriculture, Food & Markets

RAP Rulemaking Timeline



Small Farm Designation

§2.25, §3.1(a-d); §4.10



Not Subject to RAPs

(Subject to Municipal & DEC Rules)

1. Less than \$2,000 Annual Gross Income AND Not filed Form 1040F once in last two years
2. Less than 4 Acres (contiguous) AND Animal numbers below RAP Operation Thresholds. (No Income Threshold)

(Example 1-4 cows)



Must Follow RAPs

AT LEAST ONE OF THE FOLLOWING; (Example 5-19 cows)

- Between 4-10 Acres -AND- within RAP Animal Thresholds
- More than \$2,000 Annual Gross Income -AND- filed a Form 1040 F within last two years
- Have an Approved Business Management Plan
- 10+ Acres used for crop production with no livestock, livestock manure or wastes



Certified SFOs

- More than 10 Acres used for Farming AND
- Meets SFO Definition Animal Thresholds -OR- (Example 20-199 cows)
- Manure and other agricultural wastes are utilized to grow crops

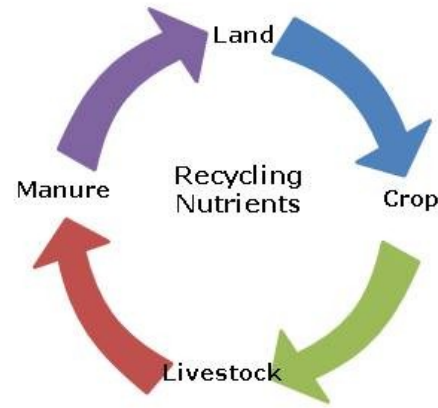
*The Secretary may designate on a case by case basis additional farms that must certify.

Minimum inspection within 10 years §4.10(f)



590 Nutrient management plan required

§5.3(a)



Requirements Only For: Certified Small Farm Operations

Required education for farmers §4.12



Annual Compliance Report

Farm/Business Name:	Owner/Operator Name:
Reporting Period (mm/dd/yyyy): _____ to _____	
I. TYPE AND NUMBER OF ANIMALS	
Report the maximum number of each type of animal confined at all of the facilities covered under the MFO GP at any one time:	
Type	Number of Animals
Mature Dairy Cows (lactating and dry)	
Youngstock and Heifers	
Veal Calves	
Cow-Calf pairs	
Pigs (over 55 lb. or more)	
Pigs (under 55 lb.)	
Horses	
Sheep or Lambs	
Turkeys	
Chickens (w/liquid system)	
Chickens (w/out liquid system)	
Ducks (w/liquid system)	
Ducks (w/out liquid system)	
II. MANURE AND WASTE PRODUCTION	
Report the estimated amount of manure and waste generated from or imported to the facilities under this permit during the 12-month period covered by this report. Waste includes: spoiled feed, manure, milkhouse waste, washwater, leachate, used bedding, rainfall into waste storage structures, barnyard runoff, anaerobic digester substrates, and other dirty water.	
A. Amount of liquid manure and waste generated or imported during the 12-month period covered by this report.	_____ gallons
B. Amount of solid or semi solid manure and waste generated or imported during the 12-month period covered by this report.	_____ tons
III. MANURE AND WASTE TRANSFERRED TO OTHER PERSONS	
Report the estimated amount of manure and waste transferred to other persons during the 12-month period covered by this report.	
A. Amount of liquid manure and waste transferred to other persons during the 12-month period covered by this report.	_____ gallons
B. Amount of solid or semi solid manure and waste transferred to other persons during the 12-month period covered by this report.	_____ tons

Annually Report Compliance

§4.10(a)

Increased buffers and manure setbacks (25' streams and 10' ditches)



\$5.7

Cover Crop Floodplains (broadcast by 9/15 or drilled by 10/1)



\$5.4 (c)

Required Agricultural Practices: Certified & Uncertified SFOs

Establish standards for livestock exclusion from waters (3" minimum growth)



\$6.0



No Manure Application on Fields with Soil Test Phosphorus > 20 ppm or slopes greater than 10% w/o 100' buffer

\$5.5 (e)

Weather conditions conducive to runoff §5.5(d)



Record keeping requirements §5.5(g)

Required Agricultural Practices: Certified & Uncertified SFOs

Manage gully erosion and reduce overall erosion to T



§5.3(b)



§5.8

Mortalities must be disposed in 48 hours



Increased stacking setbacks from water and wells plus 180 day and 1 in 4 year storage minimums §5.2(e)



Seasonal winter spreading exemptions §5.6

Required Agricultural Practices: Certified & Uncertified SFOs



Train & license custom manure applicators §10.0



Expanded winter spreading ban 100' from water in floodplains (10/15 to 4/15) §5.5(c)

Enosburg Opera House
November 17, 2015
2–4 pm

St. Albans Historical Society
November 17, 2015
9–11 am

American Legion
in Middlebury
November 19, 2015
9–11 am

Rutland Free Library
(Fox Room)
November 19, 2015
2–4 pm

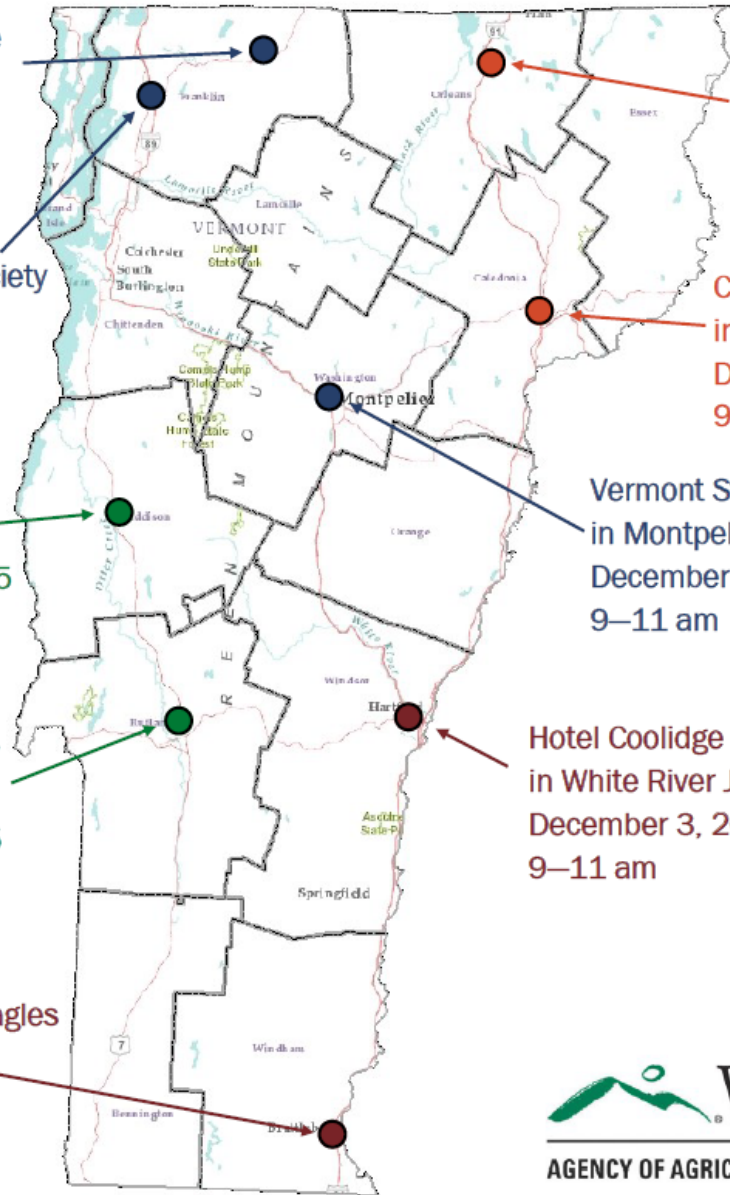
Fraternal Order of the Eagles
in Brattleboro
December 3, 2015
2–4 pm

Eastside Restaurant
in Newport
December 8, 2015
2–4 pm

Comfort Inn and Suites
in St. Johnsbury
December 8, 2015
9–11 am

Vermont State House (Room 11)
in Montpelier
December 10, 2015
9–11 am

Hotel Coolidge
in White River Junction
December 3, 2015
9–11 am



Comment To:
AGR.RAP@vermont.gov

By December 18, 2015

Additional Information:
<http://agriculture.vermont.gov/water-quality/regulations/rap>