

Agency Of Agriculture, Food & Markets  
116 State Street  
Montpelier, VT 05620-2901  
[www.Agriculture.Vermont.gov](http://www.Agriculture.Vermont.gov)

Deborah Markowitz, Secretary  
Vermont Agency of Natural Resources  
1 National Life Drive  
Davis 2  
Montpelier, Vermont 05620-3901

February 18, 2015

Dear Secretary Markowitz,

Enclosed please find the 2014 Annual Report for the Agricultural Water Quality Enforcement Program, submitted in accordance with the Agricultural Nonpoint Source Pollution Reduction Program Memorandum of Understanding, entered into by the Agency of Natural Resources, Department of Environmental Conservation and the Agency of Agriculture on April 16, 1993.

Please note that this is a comprehensive enforcement report that includes inspections conducted to determine compliance with the Accepted Agricultural Practices Regulations and Medium and Large Farm Operations permits. The report summarizes the efforts of five Field Agents that respond to small farm compliance issues, four Medium and Large Farm Operations Coordinators, a Small Farm Water Quality Inspector (a new position created in 2014), a state-wide CREP Coordinator (Conservation Reserve Enhancement Program), and the Agency's three full-time equivalent (FTE) Agricultural Engineers.

If you have any questions or concerns regarding this report, please feel free to contact Laura DiPietro, (802) 828-1289, or Wendy Anderson, (802) 828-3475, of the Agricultural Resource Management Division.

Sincerely,



Charles R. Ross, Jr., Secretary  
Vermont Agency of Agriculture, Food and Markets

CC: David Mears, Commissioner  
Department of Environmental Conservation

Peter LaFlamme, Director  
VT DEC Watershed Management Division

Representative Carolyn Partridge, Chair  
House Committee on Agriculture and Forest Products

Representative David Deen, Chair  
House Committee on Fish, Wildlife and Water Resources

Senator Robert Starr, Chair  
Senate Committee on Agriculture

Senator Christopher Bray, Chair  
Senate Committee on Natural Resources and Energy



# Vermont Agency of Agriculture, Food and Markets

## Agricultural Water Quality Enforcement Program

Accepted Agricultural Practices Regulations Enforcement  
Medium Farm Operation General Permit Enforcement  
Large Farm Operation Individual Permit Enforcement  
Engineering and Technical Assistance

**2014**

Dear Reader,

January 26, 2015

The Vermont Agency of Agriculture, Food and Markets has developed a comprehensive approach to the regulation of farms in the State in order to best protect water resources. The development of a three-tiered approach to the regulation of Vermont farms allows for a logical progression in regulatory oversight as a farm grows in size from a small farm subject to regulation under the Accepted Agricultural Practices Regulations, to a Medium Farm Operation (MFO) regulated under the state's Medium Farm Operation General Permit to a Large Farm Operation (LFO) regulated under an individual LFO permit.

Accepted Agricultural Practices (AAPs) are the foundation of Vermont's Agricultural Nonpoint Source Water Quality Program. AAPs are a group of farmland management activities that are designed to conserve and protect natural resources by reducing nonpoint source pollutants such as sediments, nutrients and agricultural chemicals that can enter water resources and degrade water quality. All agricultural operators are required to conduct their farming activities in compliance with the AAPs, even medium and large farms operating under permits. The AAPs can be found at [http://agriculture.vermont.gov/protecting\\_lands\\_waters/agricultural\\_water\\_quality/aap](http://agriculture.vermont.gov/protecting_lands_waters/agricultural_water_quality/aap).

The Medium Farm Operations (MFO) program allows medium sized farms to seek coverage under a single Vermont state **General Permit**. The General Permit prohibits discharges of wastes from a farm's production area to waters of the state, requires adequate and satisfactory waste storage and requires manure, compost, and other wastes to be land applied according to a nutrient management plan. In addition, individual permits can be issued to medium and small farms that present unique compliance challenges. All dairies with 200-699 mature animals, whether milking or dry, qualify as a MFO. Other animal numbers that qualify as a MFO can be found in the MFO General Permit. The General Permit for Medium Farm Operations is required to be updated every five years. The current General Permit was issued effective on July 18, 2012. Information on the Medium Farm Operation General Permit Program can be found at [http://agriculture.vermont.gov/protecting\\_lands\\_waters/agricultural\\_water\\_quality/mco](http://agriculture.vermont.gov/protecting_lands_waters/agricultural_water_quality/mco).

The LFO Program is an **individual permitting process** for farms with more than 700 mature dairy cows (other animal numbers that qualify as a LFO can be found in the LFO Rule). The LFO law prohibits discharges of wastes from a farm's production area to waters of the state, requires adequate and satisfactory waste storage, and requires the farm to land apply manure, compost, and other wastes according to a nutrient management plan. Unlike the MFO General Permit, LFO permits are individual to each farm and also regulate odor, noise, traffic, insects, flies, and other pests, and impose specific siting and setback criteria for structures. Information on the LFO Permit Program can be found at [http://agriculture.vermont.gov/protecting\\_lands\\_waters/agricultural\\_water\\_quality/lfo](http://agriculture.vermont.gov/protecting_lands_waters/agricultural_water_quality/lfo).

If you do not have access to the internet, contact the Agency at 802-828-2431 to obtain additional program information.

In 2014, the Agency performed a total of 934 inspections/visits to farms to determine compliance with the Accepted Agricultural Practices Regulations, the Medium Farm Operation General Permit and the Large Farm Operation individual permits and to offer technical and engineering assistance. This number represents the efforts of five Field Agents that respond to small farm compliance issues, four Medium and Large Farm Operations Coordinators, a Small Farm Water Quality Inspector (a new position created in 2014), a state-wide CREP Coordinator (Conservation Reserve Enhancement Program), and the Agency's three full-time equivalent (FTE) Agricultural Engineers. As a result of these inspections/visits, a total of 33 farms received formal enforcement action, and 6 enforcement actions are pending.

[Note – the number of technical assistance visits to farms in 2014 is lower than in past years due to substantial changes to the Agricultural Resource Specialist (ARS) Program. No ARS outreach efforts are recorded in this report.]

**AAP Compliance and Assistance:** In 2014, a total of 500 visits were made to small farms (SFO's). Of these, 160 inspections were conducted to determine compliance with the AAPs.

Table 1. Small Farm Operation Visits

<b>Total Number of SFO Visits</b>	<b>500</b>
<b>SFO Inspections</b>	<b>160</b>
Complaints from public	82
▪ <i>Complaints resulting in enforcement</i>	<i>15 (2 pending)</i>
Compliance checks	58
▪ <i>Compliance checks resulting in enforcement</i>	<i>10 (2 pending)</i>
Inspections conducted with VTDEC(*) / USEPA(*)	0
SFO Regulatory Follow-up Visits	20
<b>SFO Technical Assistance / Engineering Visits</b>	<b>340</b>

(\*) Inspections conducted in cooperation with VTDEC and USEPA evaluate a farm operation for compliance with the Federal Concentrated Animal Feeding Operation (CAFO) permit requirements.

It is interesting to note that while the MFO and LFO programs are inspection-based compliance programs, the AAP enforcement program has also, over the years, been shifting steadily towards more of an inspection-based program as opposed to being driven solely by complaints from the public. In addition to the 160 inspections conducted on small farms, 340 visits were made to small farms to provide them with education and technical / engineering assistance to help them comply with water quality requirements. In 2014, the Agency hired an individual to conduct targeted small farm inspections in Franklin County. In this first year, the majority of visits focused on providing technical assistance and guidance on how to comply with the AAPs. This effort is reflected in the SFO Technical Assistance number above. In 2015, this Inspector's efforts will turn to conducting comprehensive inspections on farms in Franklin County to determine compliance with the AAPs.

As indicated in the attached investigation tracking summary table (Table 7), compliance check surveys were conducted to ensure compliance with the winter manure spreading ban. Each survey is logged as a single investigation, but each survey covers a number of farms in a given area. In 2014, 12 pre-winter spreading ban compliance checks covering approximately 94 farms were conducted to ensure that farmers were properly managing their manure, emptying their pits and getting ready for the winter spreading ban. Once the ban was in effect, 13 compliance checks were conducted to ensure that no manure spreading was occurring during the winter spreading ban. These checks covered approximately 119 farms. So, while only 25 inspections are logged for these compliance check efforts before and during the ban, a total of 213 farms were found to be in compliance at the time of these checks.

As a result of inspections conducted in 2014, 21 small farms received formal enforcement actions. Four (4) enforcement actions are pending.

**Table 1a – Small Farm Operation Enforcement Actions**

Enforcement Actions	Number of Cases
Corrective Action Letter (CAL)	15
Cease and Desist Order (CDO)	1
Notice of Violation with Administrative Penalty (NOV)	5
▪ Assurance of Discontinuance (AOD)	1
Actions Pending	4
<b>SFO In-Field Corrections (verbal warnings)</b>	<b>3</b>
<b>SFO Referrals</b>	
Agency of Natural Resources (VT ANR) (*)	6
Attorney General’s Office (AGO)	
<b>SFO Cases in Continuance</b>	<b>13</b>

(\*) Under a Memorandum of Understanding with the VT Agency of Natural Resources, cases involving suspected direct discharges of waste to water are referred to ANR for investigation. **Note:** an Assurance of Discontinuance (AOD) or Final Order (FO) is only issued after a Notice of Violation has been issued. Therefore, while we report that 21 SFOs received enforcement actions, a total of 22 actions were issued to these farms.

**MFO General Permit Compliance:** In 2014, a total of 302 visits were made to medium farm operations. Of these, 120 inspections were conducted on medium farms to evaluate compliance with the state’s MFO General Permit conditions.

**Table 2 – Medium Farm Operation Visits**

<b>Total Number of MFO Visits</b>	<b>302</b>
<b>MFO Inspections</b>	<b>120</b>
Complaints from Public	31
▪ <i>Complaints resulting in enforcement</i>	<i>7 (2 pending)</i>
Compliance checks	48
▪ <i>Compliance checks resulting in enforcement</i>	5
Inspections conducted with VTDEC(*) / USEPA(*)	10
MFO Regulatory Follow-up Visits	31
<b>MFO Technical Assistance / Engineering Visits</b>	<b>182</b>

(\*) Inspections conducted in cooperation with VTDEC and USEPA evaluate a farm operation for compliance with the Federal Confined Animal Feeding Operation (CAFO) permit requirements in addition to the State MFO General Permit.

Thirty-one (31) regulatory follow-up visits were made to farms that have received enforcement actions to evaluate the farm’s progress in coming into compliance with the General Permit requirements. One hundred and eighty-two (182) visits to MFOs involved providing technical assistance to farmers that show interest and motivation to correct a potential violation identified through an inspection or to participate in the Conservation Reserve Enhancement Program (CREP). The Agency will perform multiple technical assistance visits to ensure a farm moves steadily towards achieving compliance. When a farmer is not showing a commitment to correct a potential violation, the Agency will pursue an enforcement action.

As a result of compliance inspections conducted in 2014, a total of 10 medium farms received formal enforcement actions (2 of these actions were notices of violation with administrative penalties for failing to submit their MFO Annual Compliance Report as required by the MFO General Permit.) Two enforcement actions are pending.

**Table 2a – Medium Farm Operation Enforcement Actions**

Enforcement Actions	Number of Cases
Corrective Action Letter (CAL)	4
Notice of Violation with Administrative Penalty (NOV)	6
▪ Assurance of Discontinuance (AOD)	
▪ Final Order (FO)	1
Actions pending	2
<b>MFO In-Field Corrections (verbal warnings)</b>	
<b>MFO Referrals</b>	
Agency of Natural Resources (VT ANR) (*)	2
Attorney General's Office (AGO)	
<b>MFO Cases in Continuance</b>	<b>3</b>

(\*) Under a Memorandum of Understanding with the VT Agency of Natural Resources, cases involving suspected direct discharges of waste to water are referred to ANR for investigation. Note: an Assurance of Discontinuance (AOD) or Final Order (FO) is only issued after a Notice of Violation has been issued. Therefore, while we report that 10 MFOs received enforcement actions, a total of 11 actions were issued to these farms.

**LFO Individual Permit Compliance:** In 2014, a total of 132 visits were made to large farm operations. Of these, 63 inspections were conducted to evaluate a farm's compliance with their individual LFO permit.

**Table 3 – Large Farm Operation Visits**

<b>Total Number of LFO Visits</b>	<b>132</b>
<b>LFO Inspections</b>	<b>63</b>
Complaints from public	5
▪ <i>Complaints resulting in enforcement</i>	1
Compliance checks	26
▪ <i>Compliance checks resulting in enforcement</i>	1
Inspections conducted with VTDEC(*) / USEPA(*)	4
LFO Regulatory Follow-up visits	28
<b>LFO Technical Assistance Visits</b>	<b>69</b>

(\*) Inspections conducted in cooperation with VTDEC and USEPA evaluate a farm operation for compliance with the Federal Concentrated Animal Feeding Operation (CAFO) permit requirements in addition to the farm's LFO Permit.

As a result of compliance inspections conducted in 2014, 2 large farms received formal enforcement actions.

**Table 3a – Large Farm Operation Enforcement Actions**

Enforcement Actions	Number of Cases
Corrective Action Letter (CAL)	1
Notice of Violation with Administrative Penalty (NOV)	1
▪ Assurance of Discontinuance (AOD)	
▪ Final Order (FO)	
<b>LFO In-Field Corrections (verbal warnings)</b>	
<b>LFO Referrals</b>	
Agency of Natural Resources (VT ANR) (*)	
Attorney General's Office (AGO)	
<b>LFO Cases in Continuance</b>	

(\*) Under a Memorandum of Understanding with the VT Agency of Natural Resources, cases involving suspected direct discharges of waste to water are referred to ANR for investigation.

Key for Tables 4, 6 and 7

AGO = Attorney General's Office  
 AOD = Assurance of Discontinuance  
 CAL = Corrective Action Letter  
 CDO = Cease and Desist Order

CON = Case Continuing  
 LOW = Letter of Warning  
 NOV = Notice of Violation  
 PA = Case Permanently Abeyed / Closed

**Table 4. Inspections and Enforcement Actions by Watershed**

Watershed / (watershed number on attached table)	Number of Investigations	Enforcement Actions, Verbal Warnings, Referrals
Battenkill (1)	2	
Poultney & Mettawee (2)	9	MFO-NOV(1)
Otter Creek (3)	25	MFO-ANR referral (1) / SFO – ANR Referral (4) / SFO-CAL (4) / SFO-CAL pending (1)
Lower Champlain (4)	4	
Upper Champlain (5)	42	LFO-NOV (1) / MFO-CAL (3) / MFO-pending (1) / MFO-NOV (1) / MFO-Final Order (1) / SFO – ANR referral (2) / SFO-CAL (4) / SFO-CAL pending (1) / SFO-NOV (1) / SFO-Verbal (1)
Missisquoi (6)	21	MFO-CAL (1) / SFO-CAL (1) / SFO-CAL pending (1) / SFO-NOV (2) / SFO-AOD (1)
Lamoille (7)	12	
Winooski (8)	15	MFO-NOV (1) / SFO-CAL (3) / SFO-CAL pending (1) / SFO-NOV (1)
White (9)	10	MFO-NOV (1) / SFO-Verbal (1)
Ottawaquechee & Black (10)	3	
Saxton, Williams & West (11)	3	
Deerfield (12)	2	
Lower Connecticut (13)	10	SFO-CAL (2)
Waits & Wells (14)	7	
Passumpsic (15)	6	SFO-Verbal (1)
Upper Connecticut (16)	13	MFO-ANR referral (1) / MFO-NOV (1) / SFO-NOV (1)
Barton & Clyde (17)	18	LFO-CAL (1) / MFO-pending (1) / MFO-NOV (1) / SFO-CAL (1) / SFO-CDO (1)

NOTE: This table only addresses the inspections conducted to determine compliance with the AAPs, and those inspections of MFOs and LFOs that either lead to the issuance of an enforcement action, or were undertaken in response to complaints from the public (these investigations are summarized in Table 7). A number of inspections, such as surveys for compliance with the winter manure spreading ban, encompass more than 1 watershed. Therefore, the number of investigations on a watershed basis may exceed the absolute number of inspections conducted. The enforcement action taken is paired with the designation "SFO" for small farm, "MFO" for medium farm, and "LFO" for large farm. In some cases, field staff address and correct issues in the field without the need for a written enforcement action. These cases are referred to as "verbal".

**Table 5. General Nature of Complaints Received and Compliance Checks Conducted.** This table summarizes all compliance checks and inspections into alleged violations of AAPs; MFO and LFO inspections conducted in response to complaints; and, MFO and LFO inspections that led to enforcement actions based on the inspections tracked in Table 7. It does not track all MFO and LFO inspections conducted in 2014. Some inspections addressed more than one concern, so the numbers in this table may exceed the number of inspections conducted. The majority of complaints, as in past years, were related to manure management.

Nature of Complaint / Subject of Compliance Check	# Complaints	# Compliance Checks
<b>General AAP Requirement</b>		
Carcass Disposal / Slaughter Waste	2	
Composting - Livestock		
Composting - Non-livestock		
Construction of Farm Structures	1	
Cropfield Runoff - Erosion	2	
Ditch Maintenance / Impacts to Water		
Enforcement Action Follow-up	1	13
Farmer Requests for Assistance		
General AAP Compliance Check		2
Livestock Access to Water/Streambank Impacts	5	2
Livestock Pasturing Near Wells	4	
Manure Management – Production Area	37	10
Manure Management – Field Practices	22	2
Manure Management - Spreading During Ban	5	
Manure Management – Spreading Ban Compliance Check		13
Manure Management – Manure Spreading Ban Exemption Request		5
Manure Management – Pre-spreading Ban Compliance Check (Nov. 1 – Dec. 15)		12
Milkhouse Waste	1	
Silage Leachate / Waste Feed		
Vegetative Buffers		
Miscellaneous	7	
<b>MFO Permit Compliance – Production Area</b>	7	3
<b>MFO Permit Compliance – Field Practices</b>	23	3
<b>MFO Permit Compliance – Recordkeeping/Reporting</b>		2
<b>MFO Permit Compliance – Enforcement Action Follow-up</b>		
<b>MFO - Miscellaneous</b>	1	
<b>LFO Permit Compliance – Production Area</b>		1
<b>LFO Permit Compliance – Field Practices</b>	4	1
<b>LFO Permit Compliance – Recordkeeping/Reporting</b>		
<b>LFO Permit Compliance - Enforcement Action Follow-up</b>		2
<b>LFO - Miscellaneous</b>		
<b>TOTAL</b>	<b>122</b>	<b>71</b>

**Table 6 . Enforcement Actions issued by section of AAP Rules, MFO General Permit, and LFO Individual Permit.**  
 [Note - an enforcement action may address more than one AAP section or permit requirement, so numbers may exceed the total number of enforcement actions issued.]

AAP Section	# Violations / Enforcement actions / Verbal warnings
4.01 - Discharges	NOV (3) / AOD (1) / CDO (1) / CAL (10) / CAL-pending (1) / ANR Referral (6)
4.02 - Nutrient and Pesticide Storage	NOV (2) / CAL (4) / CAL pending (2) / ANR Referral (2) / Verbal (1)
4.03 - Nutrient and Pesticide Application	NOV (1) / CAL (1) / CAL pending (1) / Verbal (2)
4.04 - Soil Cultivation	
4.05 - Agricultural Waste Management	
4.06 - Buffer Zones	
4.07 - Construction of Farm Structures	CAL (1)
4.08 - Ground Water Quality	
<b>MFO General Permit</b>	
Production Area Concerns / Manure Storage	CAL (1)
Field Practices	ANR Referral (2) / CAL (3) / NOV (4) / Final Order (1) / Pending (2)
Recordkeeping	NOV (2)
<b>LFO Individual Permit</b>	
Production Area Concerns / Manure Storage	CAL(1)
Field Practices	NOV (1)
Recordkeeping	

Questions regarding the Vermont Agricultural Water Quality Enforcement Program or this report in general, can be directed to the Agency of Agriculture, Agricultural Resource Management Division at (802) 828-2431.

**Table 7. AAP/MFO/LFO Enforcement Inspection Tracking Summary Table.** This table tracks all compliance checks and inspections into alleged violations of AAPs; MFO and LFO inspections conducted in response to complaints; and, MFO and LFO inspections that led to enforcement actions. If there is no date under the "date received" column, no complaint was received. The visit was initiated by a Field Agent or Office staff, or the inspection was requested by the farmer. This Table does not track all MFO and LFO inspections conducted in 2014. Please see Tables 2 and 3 for a total number of MFO and LFO inspections conducted in 2014.

Case #	Total Farms Visited	Farms Visited Basin #1	Farms Visited Basin #2	Farm Size	Date Received	Site Visit	Basin ID #1	Basin ID #2	Nature of Complaint	Violation	Action	Date	Refer To
1	1	1		SFO	1/10/2014	1/13/2014	5		Manure management - production area	4.02(a)	PA	12/1/2014	
2	1	1		SFO	1/9/2014 Sent to AGR help desk 12/16/13	1/9/2014	2		Manure management - spreading during ban		PA	1/9/2014	
3	1	1		LFO	1/14/2014	1/17/2014 4/9/2014	17		LFO Permit Compliance - Field practices		PA	4/9/2014	
4	1	1		MFO		1/13/2014	16		MFO Permit Compliance - Production area		PA	4/1/2014	
5	1	1		MFO	2/6/2014	2/7/2014	3		MFO Permit Compliance - Field practices		PA	2/18/2014	
6	6	6		SFO		1/7/2014	15		Manure Management - spreading ban compliance check		PA	2/3/2014	
7	1	1		SFO	2/18/2014	2/26/2014	11		Manure management - production area		PA	2/26/2014	
8	1	1		SFO	2/24/2014	2/24/2014	5		Manure management - production area		PA	2/25/2014	
9	1	1		MFO	2/24/2014	2/25/2014	3		MFO Permit Compliance - Field practices		PA	2/25/2014	
10	1	1		MFO	2/25/2014	2/25/2014	4		MFO Permit Compliance - Field practices		PA	5/21/2014	
11	1	1		SFO	3/5/2014	3/6/2014	5		SFO - MISC		PA	3/7/2014	
12	1	1		SFO	3/7/2014	3/13/2014	12		Manure management - field practices		PA	3/13/2014	
13				SFO	11/4/2013	DEC-11/25/13	13		Construction of Farm Structure Requested assistance from DEC Floodplain Mgmt.	4.07(a)	CAL	3/7/2014	
14	1	1		SFO	3/6/2014	3/13/2014	3		Manure management - production area		PA	3/17/2014	
15	1	1		SFO	3/24/2014	3/25/2014 3/28/2014	7		Manure management - production area		PA	4/14/2014	
16	1	1		SFO	3/26/2014	4/18/2014	16		Enforcement action follow-up		PA	12/22/2014	
17	1	1		MFO	3/31/2014	3/31/2014	5		MFO Permit Compliance - Production area		PA	4/1/2014	
18	1	1		MFO	4/2/2014	4/3/2014	5		MFO Permit Compliance - Production area		PA	2/5/2015	
19	1	1		SFO	4/2/2014	4/3/2014	7		Manure management - field practices		PA	4/14/2014	
20	1	1		MFO	4/3/2014	4/3/2014	5		MFO Permit Compliance - Production area	MFO GP	CAL	4/25/2014	
21	1	1		SFO	4/7/2014	4/7/2014	3		Manure management - production area	4.01 (b)	CAL	6/5/2014	
22	1	1		SFO	4/9/2014	4/9/2014	17		Manure management - field practices		PA	4/25/2014	
23	1	1		SFO	4/9/2014	4/10/2014	5		Manure management - production area		PA	4/10/2014	

24	1	1		SFO		4/10/2014	6		Manure management - production area	4.01 (a) and (b)	NOV AOD	5/5/2014
25	6	6		SFO		3/24/2014	14		Manure management - spreading ban compliance check		PA	4/11/2014
26	26	26		SFO		3/27/2014	5		Manure management - spreading ban compliance check		PA	4/11/2014
27	1	1		SFO	4/11/2014	4/11/2014 4/14/2014	13		Carcass disposal / Slaughter waste		PA	4/15/2014
28	1	1		SFO	4/14/2014	4/17/2014	3		Manure management - field practices	4.02(b)	CAL	6/5/2014
29	1	1		SFO	4/21/2014	4/24/2014	3		Manure management - field practices		PA	4/24/2014
30	1	1		MFO	4/23/2014	4/23/2014	6		MFO Permit Compliance - Field practices	4.02©, MFO GP	CAL	5/1/2014
31	1	1		SFO	4/25/2014	5/1/2014 8/20/2014	15		Manure management - production area		CON	
32	1	1		SFO		4/16/2014	17		Manure management - production area		CON	
33	1	1		SFO	4/7/2014	4/10/2014	13		Manure management - production area	4.01(b)	CAL	6/5/2014
34	1	1		SFO	4/29/2014	5/1/2014	1		Carcass disposal / Slaughter waste		PA	5/1/2014
35	6	6		SFO		3/18/2014	13		Manure Management - spreading ban compliance check		PA	5/2/2014
36	8	6	2	SFO		3/19/2014	9	10	Manure Management - spreading ban compliance check		PA	5/2/2014
37	6	3	3	SFO		4/8/2014	13	16	General AAP compliance check		PA	4/8/2014
38	1	1		SFO	5/5/2014	5/6/2014	5		Manure management - production area		PA	5/6/2014
39	1	1		SFO		5/7/2014	8		Manure management - production area		PA	5/7/2014
40	1	1		SFO		2/13/2014	5		Manure management - production area	4.02©	CON	
41	1	1		SFO	5/6/2014	5/9/2014	3		Manure management - production area		PA	9/22/2014
42	1	1		MFO	5/5/2014	7/21/2014	17		MFO Permit Compliance - Field practices		PA	7/21/2014
43	1	1		SFO	5/8/2014	5/8/2014 10/17/2014	8		Manure management - production area	4.01(b) 4.02(a) 4.02©	CAL	10/30/2014
44	1	1		SFO	5/8/2014	5/14/2014	7		SFO - MISC		PA	7/10/2014
45	1	1		SFO	5/9/2014	5/9/2014	6		Manure management - production area	4.01(b)	CAL	6/5/2014
46	1	1		SFO		4/23/2014	6		Manure management - production area	AOD	PA	1/16/2015
47	5	5		SFO		4/17/2014	3		General AAP compliance check		PA	5/12/2014
48	1	1		SFO	5/13/2014 referred	7/14/2014	8		SFO - MISC		PA	7/14/2014
49	1	1		MFO	5/14/2014	5/20/2014	5		MFO Permit Compliance - Field practices		PA	5/20/2014
50	1	1		SFO	5/14/2014	5/19/2014	4		SFO - MISC		PA	5/19/2014
51	1	1		SFO	5/15/2014	5/19/2014	5		Cropfield runoff - erosion Vegetative Buffers	4.06	CAL	6/10/2014
52	1	1		SFO		5/9/2014	5		Manure management - production area	4.01(b)	CAL	6/5/2014

53	1	1	LFO	5/15/2014	5/15/2014	17	LFO - MISC - Vehicle Accident		PA	5/16/2014	
54	1	1	MFO		5/15/2014	5	MFO Permit Compliance - Field practices	MFO GP	NOV Final	6/16/2014 12/5/2014	
55	1	1	MFO		5/13/2014	5	MFO Permit Compliance - Field practices	MFO GP	CAL	6/10/2014	
56	1	1	SFO	5/23/2014	5/28/2014	5	Manure management - production area		PA	5/29/2014	
57	1	1	SFO	5/23/2014	5/28/2014 First attempt	5	Manure management - production area Livestock access to water / streambank impacts		PA	6/24/2014	
58	1	1	MFO	5/23/2014	No inspection	6	MFO Permit Compliance - Field practices		CON		
59	1	1	SFO	5/3/2014	5/7/2014	6	Livestock access to water / Streambank impacts		PA	5/7/2014	
60	1	1	MFO	6/4/2014	6/5/2014	3	MFO Permit Compliance - Field practices		PA	6/5/2014	
61	1	1	MFO	6/9/2014	6/11/2014	3	MFO Permit Compliance - Field practices		PA	6/11/2014	
62	1	1	MFO	6/10/2014	6/11/2014	3	MFO Permit Compliance - Production area		PA	6/11/2014	
63	1	1	SFO	5/15/2014	5/15/2014	9	Manure management - production area		PA	6/13/2014	
64	1	1	SFO		6/5/2014	17	Enforcement action follow-up		PA	6/5/2014	
65	1	1	SFO	5/30/2014	6/9/2014	15	Manure management - Field practices	4.03(g)	Verbal	6/13/2014	
66	1	1	SFO	6/16/2014	6/20/2014	8	Manure management - production area	4.01(a)	CAL	7/11/2014	
67	1	1	SFO		6/24/2014	16	Manure management - field practices		PA	7/10/2014	
68	1	1	SFO	6/23/2014	7/7/2014	2	Manure management - production area	4.02(a)	CON		
69	1	1	MFO	6/25/2014	6/26/2014	5	MFO Permit Compliance - Field practices	MFO GP	CAL	7/11/2014	
70	1	1	SFO	6/27/2014	6/30/2014	5	Manure management - production area	4.01(a)	CAL & Referred	7/8/2014	ANR
71	1	1	MFO	6/30/2014	7/2/2014	4	MFO Permit Compliance - Field practices		PA	7/22/2014	
72	1	1	SFO	6/30/2014	7/2/2014	8	Manure management - field practices	4.03(g)	CAL	9/8/2014	
73	1	1	SFO	7/1/2014	7/15/2014	6	Manure management - field practices		CON		
74	1	1	SFO	7/3/2014	7/7/2014	6	Manure management - field practices		PA	7/10/2014	
75	1	1	SFO	7/18/2014	7/31/2014	14	Manure management - production area		CON	8/19/2014	
76	1	1	SFO	7/17/2014	7/18/2014	7	Manure management - field practices		PA	7/18/2014	
77	1	1	LFO		7/1/2014	5	LFO Permit Compliance - Enforcement action follow-up		PA	12/9/2014	
78	1	1	SFO	7/22/2014	7/23/2014	5	SFO - MISC		PA	7/23/2014	
79	1	1	MFO	7/23/2014	8/7/2014	6	MFO Permit Compliance - Field practices		PA	8/7/2014	

80	1	1		SFO	7/25/2014	8/21/2014	16	Manure management - production area Manure management - field practices		PA	8/21/2014	
81	1	1		SFO		8/8/2014	17	Manure management - production area		PA	12/22/2014	
82	1	1		SFO		7/28/2014	17	Enforcement action follow-up	4.01(b)	CDO	9/22/2014	
83	1	1		SFO		7/10/2014	5	Enforcement action follow-up		CON		
84	1	1		SFO	7/28/14 referred on	8/14/2014	8	Manure management - production area		PA	8/19/2014	
85	1	1		SFO	8/1/2014	8/4/2014	3	Manure management - field practices		PA	8/13/2014	
86	1	1		SFO	8/5/2014	8/7/2014	5	Manure management - field practices	4.03(g)	CAL - pending		
87	1	1		SFO	8/5/2014	8/5/2014	5	Manure management - production area	4.02(a)	PA	12/19/2014	
88	1	1		SFO	7/26/2014	7/30/2014	8	Livestock access to water / Streambank impacts		PA	7/30/2014	
89	1	1		SFO	7/30/2014	7/31/2014	16	Manure management - production area Manure management - field practices		PA	9/19/2014	
90	1	1		SFO	6/26/2014	7/2/2014 7/28/2014	9	Manure management - production area	4.02(a)	Verbal	7/28/2014	
91	1	1		SFO		7/28/2014	5	Manure management - production area	4.02(d)	CAL	9/9/2014	
92	1	1		SFO	8/25/2014	8/26/2014	3	Manure management - field practices Livestock access to water / Streambank impacts		PA	10/22/2014	
93	1	1		SFO	8/29/2014	9/5/2014	7	Milkhouse waste		PA	9/5/2014	
94	1	1		MFO	9/2/2014	9/3/2014	5	MFO Permit Compliance - Field practices		PA	9/17/2014	
95				MFO	9/2/2014	Phone call 9/5/2014	3	MFO Permit Compliance - Field practices		PA	9/8/2014	
96	1	1		SFO	9/9/2014	9/10/2014 9/17/2014	9	Livestock pasturing near wells		PA	10/30/2014	
97	1	1		MFO	9/9/2014	9/10/2014	5	MFO Permit Compliance - Field practices		PA	9/10/2014	
98	1	1		SFO	9/10/2014	9/29/2014	5	Manure management - production area	4.01(a)	referred	9/26/2014	ANR
99	1	1		SFO	8/4/2014	8/8/2014	17	Manure management - production area	4.01(a)	CAL	9/22/2014	
100	1	1		LFO		8/12/2014	17	LFO Permit Compliance - Production area	LFO Rules	CAL	2/4/2015	
101				MFO		No inspection	17	MFO Permit Compliance - Recordkeeping/reporting	MFO GP	NOV	9/22/2014	
102				MFO		No inspection	2	MFO Permit Compliance - Recordkeeping/reporting	MFO GP	NOV	9/22/2014	
103	1	1		SFO	9/25/2014	10/1/2014	16	Manure management - production area Livestock pasturing near wells		PA	10/1/2014	
104	1	1		SFO	10/1/2014	10/6/2014	17	Cropfield runoff - erosion		PA	10/10/2014	
105	1	1		SFO	10/13/2014	10/15/2014	9	Manure management - production area		PA	10/15/2014	

106	1	1		SFO		10/17/2014	16		Enforcement action follow-up	4.01(b), 4.02(a)	NOV	12/22/2014	
107	1	1		MFO	10/21/2014	10/22/2014	7		MFO Permit Compliance - Field practices		PA	10/28/2014	
108	1	1		MFO	10/9/2014	10/9/2014	5		MFO Permit Compliance - Field practices		CON		
109	1	1		SFO	10/23/2014	11/3/2014 1/8/2015	3		Manure management - production area		PA	1/8/2015	
110	1	1		LFO	10/21/2014	10/21/2014	5		LFO Permit Compliance - Field practices	LFO Rules	NOV	1/15/2015	
111	1	1		SFO	10/27/2014	10/29/2014	2		Manure management - production area		PA	10/30/2014	
112	1	1		SFO	10/27/2014	10/28/2014	3		Manure management - production area	4.01(b)	CAL	11/7/2014	
113	1	1		MFO		10/30/2014	6		MFO Permit Compliance - Production area		PA	10/30/2014	
114	1	1		MFO	10/14/2014	10/21/2014	16		MFO Permit Compliance - Field practices		referred	10/29/2014	ANR
115	1	1		SFO		10/6/2014	17		Enforcement action follow-up		CON		
116	1	1		SFO		10/24/2014	8		Enforcement action follow-up		CON		
117	1	1		SFO	10/30/2014	10/30/2014	3		Manure management - field practices	4.01(a)	referred	10/30/2014	ANR
118	1	1		MFO	10/24/2014	10/30/2014	5		MFO Permit Compliance - Production area		PA	10/30/2014	
119	1	1		SFO		10/29/2014	8		Livestock access to water / Streambank impacts	4.01©	action pending		
120	1	1		MFO	11/3/2014	11/5/2014	3		MFO - MISC		referred	11/6/2014	ANR
121	1	1		MFO	11/3/2014	11/12/2014	17		MFO Permit Compliance - Field practices	MFO GP 4.05©	action pending		
122	1	1		SFO	11/5/2014	11/7/2014	14		Livestock pasturing near wells		PA	12/11/2014	
123	7	3	4	SFO		10/29/2014	1	2	Manure management - pre-spreading ban compliance check		PA	11/7/2014	
124	1	1		SFO	11/6/2014	11/12/2014	7		Manure management - field practices		PA	1/7/2014	
125	1	1		SFO	11/13/2014	11/14/2014 11/17/2014	17		Manure management - production area		PA	11/21/2014	
126	1	1		SFO		11/18/2014	6		Livestock access to water / Streambank impacts		PA	11/18/2014	
127	1	1		MFO		10/30/2014	5		MFO Permit Compliance - Production area		PA	11/14/2014	
128	1	1		SFO	11/14/2014	11/17/2014 11/18/2014	3		Manure management - production area	4.01(a)	referred	11/19/2014	ANR
129	1	1		SFO	11/17/2014	12/1/2014	5		Manure management - production area	4.02(a)	CON		
130	1	1		MFO		8/19/2014	8		MFO Permit Compliance - Field practices	MFO GP	NOV	12/2/2014	

131	1	1	MFO	11/24/2014	12/3/2014	5	MFO Permit Compliance - Field practices	MFO GP	action pending		
132	1	1	SFO		11/3/2014	17	Enforcement action follow-up		PA	11/3/2014	
133	1	1	SFO		11/14/2014	7	Enforcement action follow-up		PA	11/14/2014	
134	1	1	SFO	12/1/2014	12/1/2014 12/11/2014	5	Livestock pasturing near wells	4.03(g)	Verbal	12/31/2014	
135	1	1	SFO		7/14/2014	16	Enforcement action follow-up		PA	12/22/2014	
136	1	1	SFO	12/2/2014	12/3/2014	8	Manure management - production area		PA	12/10/2014	
137	1	1	MFO	12/3/2014	12/3/2014	9	MFO Permit Compliance - Field practices	MFO GP	NOV	12/19/2014	
138	1	1	LFO	12/4/2014	12/5/2014	5	LFO Permit Compliance - Field practices		PA	1/15/2015	
139	1	1	SFO		12/5/2014	6	Enforcement action follow-up		PA	1/16/2015	
140	1	1	SFO	12/9/2014	12/10/2014	6	Manure management - field practices		CON		
141	1	1	LFO	12/9/2014	12/9/2014	5	LFO Permit Compliance - Field practices		PA	1/15/2015	
142	1	1	SFO	12/9/2014	12/11/2014	2	Livestock access to water / Streambank impacts		PA	12/11/2014	
143	1	1	MFO	12/9/2014	12/9/2014 12/17/2014	5	MFO Permit Compliance - Production area		PA	12/17/2014	
144	1	1	SFO	9/23/2014	11/14/2014	2	SFO - MISC		CON		
145	1	1	SFO	11/6/2014	11/14/2014	2	Manure management - field practices		PA	12/10/2014	
146	8	8	SFO		11/14/2014	2	Manure management - pre-spreading ban compliance check		PA	12/10/2014	
147	7	7	SFO		12/1/2014	4	Manure management - pre-spreading ban compliance check		PA	12/10/2014	
148	1	1	SFO	12/10/2014	12/10/2014	3	SFO - MISC		PA	12/29/2014	
149	1	1	SFO	12/15/2014	12/15/2014	3	Manure management - production area Manure management - manure spreading request.	4.01(b), 4.02(d)	PA	1/16/2015	
150	1	1	SFO	12/15/2014	12/15/2014	5	Manure management - field practices		PA	12/15/2014	
151	1	1	SFO		12/16/2014	17	Manure management - manure spreading request		PA	12/16/2014	
152	1	1	SFO		11/5/2014	5	Enforcement action follow-up		PA	12/17/2014	
153	1	1	SFO		12/3/2014	5	Enforcement action follow-up	4.02(a), 4.02©	NOV	12/17/2014	
154	1	1	SFO	12/17/2014	12/17/2014	6	Manure management - spreading during ban		PA	12/17/2014	
155	1	1	SFO	12/17/2014	12/17/2014	8	Manure management - spreading during ban	4.03©	NOV	1/16/2015	
156	1	1	SFO		12/17/2014	6	Manure management - field practices	4.02(a), 4.02©	CAL pending		

157	1	1		SFO		12/17/2014	6		Enforcement action follow-up	AOD	NOV	1/16/2015	
158	1	1		SFO		12/17/2014	6		Manure management - spreading exemption request		CON		
159	1	1		SFO		12/18/2014	3		Manure management - spreading exemption request	4.01(b), 4.02(d)	PA	12/26/2014	
160	1	1	1	MFO	12/29/2014	12/29/2014	6	7	MFO Permit Compliance - Field practices	MFO GP	CON		
161	1	1		SFO		12/24/2014	7		Manure management - spreading exemption request		PA	12/24/2014	
162	1	1		SFO	12/29/2014		3		Manure management - field practices	4.02(a)	CAL pending		
163	6	3	3	SFO		11/20/2014	14	13	Manure management - pre-spreading ban compliance check		PA	12/29/2014	
164	8	8		SFO		11/24/2014	11		Manure management - pre-spreading ban compliance check		PA	12/29/2014	
165	10	10		SFO		12/1/2014	11		Manure management - pre-spreading ban compliance check		PA	12/29/2014	
166	13	6	7	SFO		12/2/2014	9	14	Manure management - pre-spreading ban compliance check		PA	12/29/2014	
167	7	4	3	SFO		12/5/2014	9	10	Manure management - pre-spreading ban compliance check		PA	12/29/2014	
168	8	4	4	SFO		12/8/2014	8	14	Manure management - pre-spreading ban compliance check		PA	12/29/2014	
169	5	5		SFO		12/10/2014	13		Manure management - pre-spreading ban compliance check		PA	12/29/2014	
170	7	7		SFO		12/12/2014	14		Manure management - pre-spreading ban compliance check		PA	12/29/2014	
171	8	4	4	SFO		12/15/2014	12	13	Manure management - pre-spreading ban compliance check		PA	12/29/2014	
172	5	5		SFO		12/16/2014	10		Manure management - spreading ban compliance check		PA	12/29/2014	
173	7	7		SFO		12/17/2014	9		Manure management - spreading ban compliance check		PA	12/29/2014	
174	6	3	3	SFO		12/18/2014	13	9	Manure management - spreading ban compliance check		PA	12/29/2014	
175	1	1		SFO	12/19/2014	12/23/2014	13		Manure management - field practices		PA	12/29/2014	
176	1	1		SFO		12/26/2014	3		Manure management - production area	4.01(b), 4.02(d)	CAL & Referred	1/16/2015	ANR
177	1	1		SFO		12/26/2014	3		Manure management - production area	4.01(b), 4.02(d)	referred	1/7/2015	ANR
178	1	1		SFO	12/30/2014	12/30/2014	15		Manure management - spreading during ban		PA	12/30/2014	

179	1	1		MFO	12/29/2014	12/31/2014 1/2/2015	16		MFO Permit Compliance - Field practices	MFO GP 4.03©	NOV	1/16/2015	
180	1	1		MFO	12/31/2014	12/31/2014	16		MFO Permit Compliance - Production area		PA	12/31/2014	
181	1	1		SFO	12/29/2014	12/29/2014	6		Manure management - spreading during ban		PA	12/29/2014	
182	9	9		SFO		12/18/2014	16		Manure management - spreading ban compliance check		PA	1/9/2015	
183	8	4	4	SFO		12/23/2014	8	15	Manure management - spreading ban compliance check		PA	1/9/2015	
184	10	5	5	SFO		12/24/2014	6	7	Manure management - spreading ban compliance check		PA	1/9/2015	
185	13	7	6	SFO		12/29/2014	6	17	Manure management - spreading ban compliance check		PA	1/9/2015	
186	9	4	5	SFO		12/30/2014	7	15	Manure management - spreading ban compliance check		PA	1/9/2015	
187	1	1		LFO		12/8/2014 12/16/2014	8		LFO Permit Compliance - Field practices		PA	12/16/2014	
188	1	1		LFO		12/9/2014	5		LFO Permit Compliance - Enforcement action follow-up		PA	12/9/2014	