



Agency of Agriculture, Food & Markets
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www.VermontAgriculture.com

January 31, 2014

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

Dear Secretary Markowitz,

Enclosed please find the 2013 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 not only inspections conducted to determine compliance with the Accepted Agricultural Practices Regulations, but also inspections on Medium and Large Farm Operations and the enforcement actions issued for violations of MFO and LFO permits. In addition, this year's report includes engineering assistance visits provided by the Agency's 4 Agricultural Engineers.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Charles R. Ross, Jr.", written in black ink.

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 Robert Hartwell, 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

2013

Dear Reader,

January 31, 2014

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://www.vermontagriculture.com/ARMES/awq/AAPs.htm>.

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://www.vermontagriculture.com/ARMES/awq/MFO.html>.

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://www.vermontagriculture.com/ARMES/awq/LFO.html>.

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

In 2013, the Agency performed a total of 1,064 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 primarily to small farm compliance issues, four Medium and Large Farm Operations Coordinators, and the Agency's four Agricultural Engineers. It also includes the efforts of five Agricultural Resource Specialists working through the Vermont Association of Conservation Districts (VACD) to provide farmers with technical assistance. As a result of these inspections/visits, a total of 46 farms received formal enforcement action.

AAP Compliance and Assistance: In 2013, a total of 665 visits were made to small farms (SFO's). Of these, 115 inspections were conducted to determine compliance with the AAPs.

Table 1. Small Farm Operation Visits

Total Number of SFO Visits	665
SFO Inspections	115
Complaints from public	58
▪ Complaints resulting in enforcement	13
Compliance checks	57
▪ Compliance checks resulting in enforcement	5
Inspections conducted with VTDEC(*)	
Inspections conducted with USEPA(*)	
SFO Regulatory Follow-up Visits	7
SFO Technical Assistance / Engineering Visits	543

(*) 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 115 inspections conducted on small farms, 543 visits were made to small farms to provide them with education and technical / engineering assistance to help them comply with water quality requirements. (Agency staff conducted 150 visits to provide technical and engineering assistance to small farms, and 5 Agricultural Resource Specialists (ARSs), funded by the Agency through the Vermont Association of Conservation Districts, conducted an additional 393 technical assistance visits.)

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 2013, 9 pre-winter spreading ban compliance checks covering approximately 36 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, 27 compliance checks were conducted to ensure that no manure spreading was occurring during the winter spreading ban. These checks covered approximately 215 farms. So, while only 36 inspections are logged for these compliance check efforts before and during the ban, a total of more than 250 farms were found to be in compliance at the time of these checks.

As a result of inspections conducted in 2013, 18 small farms received formal enforcement actions.

Table 1a – Small Farm Operation Enforcement Actions

	Number of Cases
Corrective Action Letter (CAL)	15
Cease and Desist Order (CDO)	2
Notice of Violation with Administrative Penalty (NOV)	1
▪ Assurance of Discontinuance (AOD)	
SFO In-Field Corrections (no formal enforcement)	1
SFO Referrals	
Agricultural Resource Specialist (ARS)	6
Agency of Natural Resources (VT ANR) (*)	
Agronomist	
Attorney General's Office (AGO)	
SFO Cases in Continuance	13

(*) 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.

MFO General Permit Compliance: In 2013, a total of 328 visits were made to medium farm operations. Of these, 51 inspections were conducted on medium farms to evaluate compliance with the state's MFO General Permit conditions.

Table 2 – Medium Farm Operation Visits

Total Number of MFO Visits	328
MFO Inspections	51
Complaints from Public	13
▪ Complaints resulting in enforcement	2 (1 referred to AGO)
Compliance checks	38
▪ Compliance checks resulting in enforcement	25
Inspections conducted with VTDEC(*)	9
Inspections conducted with USEPA(*)	4
MFO Regulatory Follow-up Visits	69
MFO Technical Assistance / Engineering Visits	208

(*) 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.

Sixty-nine (69) 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. Two hundred and eight (208) visits to MFOs involved providing technical assistance to farmers that show interest and motivation to correct a potential violation identified through an inspection. 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 2013, a total of 25 medium farms received formal enforcement actions (17 of these actions were notices of violation with administrative penalties for failing to submit their MFO Annual Compliance Report or Notice of Intent to Comply as required by the MFO General Permit.)

Table 2a – Medium Farm Operation Enforcement Actions

	Number of Cases
Corrective Action Letter (CAL)	5
Notice of Violation with Administrative Penalty (NOV)	20
▪ Assurance of Discontinuance (AOD)	2
▪ Final Order (FO)	2
MFO In-Field Corrections (no formal enforcement)	1
MFO Referrals	
Agricultural Resource Specialist (ARS)	
Agency of Natural Resources (VT ANR) (*)	
Engineering Assistance (ENG)	
Attorney General's Office (AGO)	1
MFO Cases in Continuance	3

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 25 MFOs received enforcement actions, a total of 29 actions were issued to these farms.

LFO Individual Permit Compliance: In 2013, a total of 71 visits were made to large farm operations. Of these, 23 inspections were conducted to evaluate a farm's compliance with their individual LFO permit.

Table 3 – Large Farm Operation Visits

Total Number of LFO Visits	71
LFO Inspections	23
Complaints from public	6
▪ Complaints resulting in enforcement	1
Compliance checks	17
▪ Compliance checks resulting in enforcement	2
Inspections conducted with VTDEC(*)	1
Inspections conducted with USEPA(*)	
LFO Regulatory Follow-up visits	21
LFO Technical Assistance Visits	27

(*) 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 2013, three (3) large farms received formal enforcement actions.

Table 3a – Large Farm Operation Enforcement Actions

	Number of Cases
Corrective Action Letter (CAL)	
Notice of Violation with Administrative Penalty (NOV)	3
▪ Assurance of Discontinuance (AOD)	
▪ Final Order (FO)	
LFO In-Field Corrections (no formal enforcement)	
LFO Referrals	
Agricultural Resource Specialist (ARS)	
Agency of Natural Resources (VT ANR) (*)	
Engineering Assistance (ENG)	
Attorney General's Office (AGO)	
LFO Cases in Continuance	1

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 Abayed / 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)	5	SFO – CDO (1)
Poultney & Meltawee (2)	12	SFO – CAL (5), Referral – ARS(1)
Otter Creek (3)	28	SFO – CAL (1) / MFO – CAL(2), NOV(1), AOD(1) / LFO – NOV(2) / Referral – ARS(1)
Lower Champlain (4)	3	MFO – NOV(1), AOD(1)
Upper Champlain (5)	29	SFO – CAL(2) / MFO – NOV(6), Final Order(2) / Referral – ARS(1)
Missisquoi (6)	13	SFO – NOV(1) / MFO – CAL(1) / LFO – NOV(1)
Lamoille (7)	12	SFO – CAL(1)
Winooski (8)	18	SFO – CAL(2) / MFO – NOV(4), Verbal (1) / Referral – ARS(3)
White (9)	10	MFO – CAL(1), NOV(3)
Ottawaquechee & Black (10)	1	
Saxton, Williams & West (11)	2	
Deerfield (12)		
Lower Connecticut (13)	9	MFO – NOV(1)
Waits & Wells (14)	1	
Passumpsic (15)	3	SFO – CAL(2)
Upper Connecticut (16)	5	SFO – CAL(1) / MFO – CAL(1), NOV(1)
Barton & Clyde (17)	16	SFO – CAL(1), CDO(1) / MFO – NOV(3), Referrals – AGO(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 many cases, field staff address and correct issues in the field without the need for a written enforcement action.

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 2013. 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. General concerns included proximity of manure spreading or stacking to surface water, wells or property boundaries, or runoff from stacked manure to water.

Nature of Complaint / Subject of Compliance Check	# Complaints	# Compliance Checks
General AAP Requirement		
Carcass Disposal / Slaughter Waste	3	
Composting - Livestock		
Composting - Non-livestock		
Construction of Farm Structures		
Cropfield Runoff - Erosion		
Ditch Maintenance / Impacts to Water	1	
Enforcement Action Follow-up		
Farmer Requests for Assistance		
General AAP Compliance Check	2	3
Livestock Access to Water/Streambank Impacts	5	2
Livestock Pasturing Near Wells	2	
Manure Management – Production Area	28	12
Manure Management – Field Practices	9	
Manure Management - Spreading During Ban	7	1
Manure Management – Spreading Ban Compliance Check		28
Manure Management – Pre-spreading Ban Compliance Check (Nov. 1 – Dec. 15)		9
Milkhouse Waste		
Silage Leachate / Waste Feed		2
Vegetative Buffers		1
Miscellaneous	2	
MFO Permit Compliance – Production Area	4	7
MFO Permit Compliance – Field Practices	10	
MFO Permit Compliance – Recordkeeping/Reporting		19
MFO Permit Compliance – Enforcement Action Follow-up		
LFO Permit Compliance – Production Area		3
LFO Permit Compliance – Field Practices	6	2
LFO Permit Compliance – Recordkeeping/Reporting		1
LFO Permit Compliance - Enforcement Action Follow-up		
TOTAL	78	90

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
4.01 - Discharges	CAL (7), CDO (1), NOV (1)
4.02 - Nutrient and Pesticide Storage	CAL (7), CDO (1)
4.03 - Nutrient and Pesticide Application	CAL (5)
4.04 - Soil Cultivation	
4.05 - Agricultural Waste Management	CAL (2)
4.06 - Buffer Zones	CAL (1)
4.07 - Construction of Farm Structures	
4.08 - Ground Water Quality	
MFO General Permit	
Production Area Concerns / Manure Storage	CAL (4), NOV (3), AOD (2)
Field Practices	CAL(1)
Recordkeeping	NOV (17), Final Order (2)
LFO Individual Permit	
Production Area Concerns / Manure Storage	NOV (2)
Field Practices	NOV (1)
Recordkeeping	NOV (1)

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 2013. Please see Tables 2 and 3 for a total number of MFO and LFO inspections conducted in 2013.

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			SFO	1/3/2013	1/4/2013	3		Manure management - spreading during ban		PA	1/4/2013	
2	1			SFO	1/3/2013	1/3/2013	3		Manure management - spreading during ban		PA	1/3/2013	
3	1			SFO	1/10/2013	1/16/2013	2		Manure management - spreading during ban	4.03Ⓞ	CAL	2/27/2013	
4	1			SFO		1/15/2013	1		Manure management - production area	4.02(a)	CDO	3/12/2013	
5	1			SFO	1/17/2013	1/17/2013	2		Manure management - field practices		PA	1/17/2013	ARS
6	8	8		SFO		1/10/2013	2		Manure management - spreading ban compliance check		PA	1/10/2013	
7	12	12		SFO		1/11/2013	3		Manure management - spreading ban compliance check		PA	1/11/2013	
8	10	10		SFO		1/15/2013	1		Manure management - spreading ban compliance check		PA	1/15/2013	
9	1			SFO	1/28/2013	1/28/2013	3		Manure management - spreading during ban		PA	1/28/2013	
10	10	5	5	SFO		1/7/2013	11	13	Manure management - spreading ban compliance check		PA	1/7/2013	
11	1			SFO	1/30/2013	1/31/2013	15		Manure management - spreading during ban	4.03Ⓞ	CAL	2/27/2013	
12	1			SFO	1/31/2013	2/1/2013	7		Carcass disposal / slaughter waste	4.02(a), 4.05(b)	CAL Variance	8/5/2013	
13	1			MFO		9/27/2012, 1/16/2013	16		MFO permit compliance - production area	MFO GP	CAL	2/4/2013	
14	1			LFO	1/15/2013	1/15/2013	17		LFO permit compliance - field practices		PA	5/10/2013	
15	1			MFO		12/18/2012	3		MFO permit compliance - production area	MFO GP	NOV AOD	3/14/2013 9/5/2013	
16	12	12		SFO		1/24/2013	4		Manure management - spreading ban compliance check		PA	1/24/2013	
17	8	8		SFO		1/28/2013	3		Manure management - spreading ban compliance check		PA	1/28/2013	
18	6	6		SFO		1/29/2013	1		Manure management - spreading ban compliance check		PA	1/29/2013	
19	1			MFO		12/18/2012	4		MFO permit compliance - production area	MFO GP	NOV AOD	3/14/2013 7/5/2013	
20	1			MFO		12/11/2012	3		MFO permit compliance - production area	MFO GP	CAL	4/5/2013	
21	1			SFO	2/27/2013	2/27/2013	5		Manure management - spreading during ban	4.03Ⓞ	CAL	3/6/2013	
22	1			MFO		12/11/2012	6		MFO permit compliance - production area	MFO GP	CAL	4/5/2013	
23	7	4	3	SFO		2/20/2013	8	7	Manure management - spreading ban compliance check		PA	3/1/2013	
24	11	11		SFO		2/22/2013	14		Manure management - spreading ban compliance check		PA	3/1/2013	
25	6	6		SFO		2/27/2013	8		Manure management - spreading ban compliance check		PA	3/1/2013	
26	1			SFO		3/5/2013	2		Manure management - production area		PA	3/6/2013	
27	1			SFO	3/8/2013	3/11/2013	16		Manure management - production area	4.01(b) 4.02(a)	CAL	4/11/2013	
28	1			SFO		5/7/2013	5		Manure management - production area		PA	5/7/2013	ARS
29	1			SFO	3/11/2013	3/12/2013	2		Manure management - spreading during ban	4.01(b) 4.03Ⓞ	CAL	7/30/2013	
30	1			SFO	3/11/2013	3/12/2013	8		Manure management - production area		PA	3/12/2013	
31	1			SFO	3/14/2013	3/19/2013	3		Manure management - production area		CON		
32	1			MFO	3/18/2013	3/18/2013	17		MFO Permit Compliance - production area	MFO GP			AGO

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
33	1			SFO	3/22/2013	3/28/2013	3		Livestock access to water / streambank issues		PA	12/16/2013	ARS
34	1			SFO	3/28/2013	3/28/2013 11/26/2013	5		Manure management - production area		PA	3/28/2013	
35	1			SFO	4/2/2013	4/9/2013	9		Floodplain impacts - field practices		CON		
36	1			SFO	4/10/2013	4/11/2013	7		Carcass disposal / slaughter waste		PA	4/11/2013	
37	1			SFO	4/11/2013	4/12/2013	2		Manure management - field practices		PA	4/17/2013	
38				MFO			5		MFO permit compliance - recordkeeping/reporting	MFO GP	NOV Final Order	4/12/2013 7/29/2013	
39				MFO			17		MFO permit compliance - recordkeeping/reporting	MFO GP	NOV	4/12/2013	
40				MFO			8		MFO permit compliance - recordkeeping/reporting	MFO GP	NOV	4/12/2013	
41				MFO			5		MFO permit compliance - recordkeeping/reporting	MFO GP	NOV Final Order	4/12/2013 7/29/2013	
42	1			SFO		1/7/2013	13		Manure management - spreading ban compliance check		PA	1/7/2013	
43	7	7		SFO		2/8/2013	3		Manure management - spreading ban compliance check		PA	2/8/2013	
44	12	12		SFO		2/13/2013	4		Manure management - spreading ban compliance check		PA	2/13/2013	
45	9	9		SFO		3/4/2013	2		Manure management - spreading ban compliance check		PA	3/4/2013	
46	1			SFO	3/18/2013	3/18/2013	13		General AAP compliance check		PA	3/18/2013	
47	6	3	3	SFO		3/25/2013	10	9	Manure management - spreading ban compliance check		PA	3/25/2013	
48	4	4		SFO		3/26/2013	11		Manure management - spreading ban compliance check		PA	3/26/2013	
49	7	7		SFO		3/28/2013	9		Manure management - spreading ban compliance check		PA	3/28/2013	
50	10	10		SFO		3/29/2013	13		Manure management - spreading ban compliance check		PA	3/29/2013	
51	12	12		SFO		3/28/2013	2		Manure management - spreading ban compliance check		PA	3/28/2013	
52	9	9		SFO		3/28/2013	9		Manure management - spreading ban compliance check		PA	3/28/2013	
53	1			SFO	5/7/2013	5/14/2013	3		Manure management - production area	4.02(a)	CON		
54	1			SFO	4/17/2013	4/18/2013	3		Manure management - production area		PA	5/17/2013	
55	1			SFO		4/25/2013 9/25/2013	7		Manure management - production area		PA	9/25/2013	
56	1			SFO	4/19/2013	4/22/2013	8		Manure management - production area		PA	4/22/2013	ARS
57	1			MFO	4/18/2013	4/18/2013	3		MFO Permit Compliance - production area		PA	4/19/2013	

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
58	1			SFO	4/22/2013	4/23/2013	8		Manure management - production area		PA	5/3/2013	ARS (PS) 10/9/2013
59	1			SFO	4/22/2013	4/26/2013	3		Manure management - production area; Livestock pasturing near wells		PA	5/17/2013	
60	1			SFO		5/6/2013 9/6/2013	5		Silage leachate / waste feed		PA	10/31/2013	
61	1			SFO		4/26/2013 5/3/13	5		Silage leachate / waste feed		PA	5/3/2013	
62	1			SFO	4/25/2013	5/1/2013	7		Livestock pasturing near wells		PA	5/2/2013	
63	1			SFO	4/28/2013	4/30/2013 5/1/2013	17		Vehicle accident - manure spill		PA	5/2/2013	
64	1			SFO		5/8/2013 9/23/2013 12/19/2013	6		Livestock access to water / streambank issues		PA	10/31/2013	
65	1			LFO	4/29/2013	4/29/2013	17		LFO Permit Compliance - field practices		PA	5/10/2013	
66	1			SFO	5/2/2013	5/3/2013	8		Manure management - production area	4.02(a)	CAL	7/26/2013	
67	1			MFO	5/2/2013	5/3/2013	3		MFO Permit Compliance - field practices		PA	5/3/2013	
68	1			SFO	5/3/2013	5/7/2013	13		Manure management - production area	4.02(a)	PA	5/20/2013	
69	1			SFO	5/6/2013	5/7/2013	15		Manure management - field practices		PA	5/7/2013	
70	1			LFO		3/14/2013	3		LFO permit compliance - field practices LFO Permit compliance - production area	LFO Permit	See WQ-133-2013		
71	1			MFO	5/7/2013	5/9/2013	8		MFO Permit Compliance - field practices	4.02(a)	PA	5/14/2013	
72	1			SFO	5/8/2013	9/4/2013	8		Manure management - production area		PA	10/31/2013	ARS (PS) 11/20/2013
73	1			MFO	5/13/2013	5/14/2013 5/16/2013	13		MFO Permit Compliance - production area		PA	5/16/2013	
74	1			SFO	5/16/2013	5/21/2013	5		Manure management - production area		PA	7/1/2013	
75	1			SFO		4/8/2013	13		Manure management - production area		PA	5/17/2013	
76	1			SFO	4/18/2013	4/18/2013	1		Manure management - production area		PA	5/17/2013	
77	1			SFO		4/18/2013	1		Manure management - production area		PA	4/18/2013	

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
78	1			SFO	4/29/2013	4/30/2013	3		Manure management - field practices		PA	4/30/2013	
79	1			MFO	4/28/2013	4/29/2013	3		MFO Permit Compliance - field practices		PA	5/17/2013	
80	1			SFO		6/15/2013	7		Livestock access to water / streambank issues		PA	7/1/2013	
81	1			MFO	6/12/2013	6/17/2013	6		MFO Permit Compliance - production area		CON		
82	1			SFO	6/13/2013	6/14/2013	17		Carcass disposal / slaughter waste		PA	6/14/2013	
83	1			SFO	5/31/2013	6/5/2013	3		Manure management - production area		PA	6/21/2013	
84				SFO	5/20/2013	5/20/2013	5		Manure management - field practices		PA	5/20/2013	
85	1			SFO	6/25/2013	8/15/2013	16		Manure management - field practices		CON		
86	1			SFO	6/27/2013	6/28/2013	5		Ditch maintenance / impacts to water		CON		
87	1			MFO	6/28/2013	6/28/2013	5		MFO Permit Compliance - field practices		PA	6/28/2013	
88	1			SFO	7/3/2013	9/19/2013	8		Manure management - production area	4.01(b)	CON		
89	1			SFO	7/10/2013	7/12/2013	17		Manure management - field practices		PA	7/12/2013	
90	1			MFO	7/23/2013	7/25/2013	5		MFO Permit Compliance - field practices		PA	7/25/2013	
91				SFO	7/23/2013	No site visit - addressed over phone	7		Manure management - production area No Site Visit		PA	10/14/2013	
92	1			SFO	7/26/2013	8/1/2013	5		Manure management - production area		PA	8/1/2013	
93	1			SFO	7/26/2013	7/31/2013	6		Manure management - production area		PA	9/4/2013	
94	1			SFO	7/30/2013	8/28/2013	8		Manure management - production area	4.01(b) 4.02(a)	CON		
95	2			LFO	8/23/2013	8/26/2013	6		LFO Permit Compliance - field practices		PA	9/6/2013	
96				MFO			13		MFO Permit compliance - recordkeeping/reporting	MFO,GP	NOV	9/11/2013	

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
97				MFO			5		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
98				MFO			5		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
99				MFO			9		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
100				MFO			8		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV withdrawn	9/11/2013	
101				MFO			8		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV withdrawn	9/11/2013	
102				MFO			17		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
103				MFO			8		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
104				MFO			9		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
105				MFO			5		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
106				MFO			17		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
107				MFO			8		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
108				MFO			9		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
109				MFO			16		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
110				MFO			8		MFO Permit compliance - recordkeeping/reporting	MFO GP	NOV	9/11/2013	
111	1			SFO	9/19/2013	9/19/2013	7		Livestock pasturing near wells		PA	9/19/2013	
112	1			SFO	9/19/2013	9/24/2013	5		Manure management - field practices		PA	10/15/2013	
113	1			SFO		5/24/2013	13		General AAP compliance check		PA	5/24/2013	
114	1			SFO		6/3/2013	9		Vegetative Buffers		PA	6/3/2013	
115	1			SFO	8/19/2013	8/20/2013	5		General AAP compliance check	4.02(a)	CON		ARS?
116	1			MFO	9/6/2013	9/10/2013	6		MFO Permit Compliance - field practices		CON		
117	1			LFO		8/23/2013	3		LFO Permit Compliance - Production area LFO Permit Compliance - recordkeeping/reporting	LFO Permit	NOV	11/26/2013	
118	1			SFO	10/8/2013	10/10/2013	8		Livestock access to water / streambank issues	4.01(b)	CAL	10/28/2013	
119	1			SFO	10/7/2013	10/8/2013	5		Manure management - production area	4.02⊖	CAL	10/28/2013	
120	1			SFO		8/27/2013	16		General AAP compliance check Follow up on CAL (WQ-027-2013)	4.01(b)	CON		
121	1			SFO	10/8/2013	11/20/2013	2		Manure management - production area Livestock access to stream	4.01(b), 4.02⊖, 4.05(a)	CAL	1/29/2014	
122	1			SFO	10/8/2013	11/20/2013	2		Manure management - production area	4.02⊖	CAL	1/29/2014	

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
123	1			SFO	10/8/2013	11/20/2013	2		Manure management - production area	4.01(b), 4.06	CAL	1/29/2014	
124	1			MFO		9/26/2013	5		MFO Permit Compliance - production area	MFO GP	NOV	10/21/2013	
125	1			LFO	8/21/2013	8/30/2013	3		LFO Permit Compliance - field practices		PA	10/17/2013	
126	1			SFO	10/31/2013	11/7/2013	5		Manure management - production area		PA	11/7/2013	
127	1			SFO		10/31/2013	17		Manure management - production area	4.01(b)	CAL	11/25/2013	
128	1			SFO		11/4/2013	17		Manure management - production area	4.01(b)	CDO	11/18/2013	
129	1			SFO	10/24/2013	10/28/2013	15		Manure management - production area	4.01(b), (d) 4.02(a)	CAL	11/25/2013	
130	1			SFO	11/4/2013	11/13/2013 12/6/2013	9		Manure management - production area	4.02(a)	CON		
131	1			SFO		11/26/2013	5		Manure management - production area		PA	11/26/2013	
132	1			MFO		10/10/2013	3		MFO permit compliance - production area	MFO GP	CAL	1/17/2014	
133	1			LFO		10/10/2013	3		LFO permit compliance - production area	LFO Permit, 4.01(b), 4.05(e)(i)	NOV	12/31/2013	
134	1			SFO	11/12/2013	11/12/2013	7		Livestock access to water / streambank issues		CON		
135	1			SFO		11/25/2013	5		Manure management - production area		PA	11/25/2013	
136	1			SFO		11/20/2013	6		Manure management - production area	AOD	NOV	12/3/2013	
137	1			SFO		11/22/2013	17		General AAP Compliance Check	4.08	CON		
138	1			SFO	11/19/2013	11/20/2013	6		Manure management - field practices		PA	11/22/2013	
139	1			SFO	12/4/2013	12/4/2013	17		Manure management - production area		PA	12/4/2013	
140	1			LFO		12/3/2013	17		LFO Permit Compliance - field practices		CON		
141	1			LFO	12/5/2013	12/6/2013	8		LFO Permit Compliance - field practices		PA	12/6/2013	
142	1			MFO	12/5/2013	12/6/2013	6		MFO Permit Compliance - field practices		CON		
143	1			LFO	12/4/2013	12/4/2013	6		LFO Permit Compliance - field practices	LFO Rules	NOV	1/15/2014	
144	1			MFO	12/4/2013	12/4/2013	9		MFO Permit Compliance - field practices	MFO GP	CAL	1/29/2014	
145	1			MFO	12/20/2013	12/20/2013	3		MFO Permit Compliance - field practices	MFO GP 4.03(b)	See WQ- 132-2013	1/17/2014	
146	1			SFO		12/31/2013 1/2/2014	3		Manure management - spreading during ban	4.03(b)	CAL	1/10/2014	
147	1			SFO	12/31/2013		3		Manure management - production area		CON		

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148	3	3		SFO		11/26/2013	5		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
149	4	4		SFO		11/27/2013	5		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
150	3	3		SFO		12/2/2013	7		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
151	4	4		SFO		12/3/2013	7		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
152	3	3		SFO		12/4/2013	3		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
153	3	3		SFO		12/5/2013	7		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
154	5	5		SFO		12/6/2013	5		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
155	5	5		SFO		12/9/2013	5		Manure management - Pre-spreading ban compliance check		PA	1/8/2014	
156	2	2		SFO		12/24/2013	5		Manure management - spreading ban compliance check		PA	1/8/2014	
157	5	5		SFO		12/27/2013	6		Manure management - spreading ban compliance check		PA	1/8/2014	
158	4	4		SFO		12/30/2013	6		Manure management - spreading ban compliance check		PA	1/8/2014	
159	6	6		SFO		12/31/2013	5		Manure management - spreading ban compliance check		PA	1/8/2014	
160	6	6		SFO		12/12/2013	2		Manure management - Pre-spreading ban compliance check		PA	1/13/2014	
161	8	8		SFO		12/16/2013	3		Manure management - spreading ban compliance check		PA	1/13/2014	
162	11	11		SFO		12/17/2013	17		Manure management - spreading ban compliance check		PA	1/14/2014	
163	12	12		SFO		12/18/2013	6		Manure management - spreading ban compliance check		PA	1/14/2014	
164	10	10		SFO		12/24/2013	17		Manure management - spreading ban compliance check		PA	1/14/2014	

