Region 9 Enforcement Division
75 Hawthorne Street
San Francisco, CA 94105

Inspection Date(s):	9/30/2015		
Time:	**Entry:** 8:45	**Exit:** 10:30	
Media:	Water		
Regulatory Program(s)	Clean Water Act NPDES /CAFO Dairy		
Company Name:	Northview Dairy		
Facility or Site Name:			
Facility/Site Physical Location:	Ex. 6 Personal Privacy (PP)		
Geographic Coordinates:			
Mailing address:			
Facility/Site Contact:	Daryl Koops	**Title**: Operator	
	Phone: Ex. 6 Personal Privacy (PP)	**Email**:	
Facility/Site Identifier:	NPDES CAG018001 / Order R8-2013-0001, General waste discharge requirements for CAFOs (dairies and related facilities)		
NAICS:	112120 Dairy Cattle and Milk Production		
SIC:	0241 Dairy Farms		

Facility/Site Personnel Participating in Inspection:

Name	Affiliation	Title	Email
Daryl Koops		Operator	

EPA Inspector(s):

John Tinger	EPA	Engineer	Tinger.John@EPA.gov

Federal/State/Tribal/Local Representatives:

Edward Kashak	WRCB-R8	Engineering Geologist	ekashak@waterboards.ca.gov
Jawed Shami	WRCB-R8	Engineer	jshmi@waterboards.ca.gov

Inspection Report Author:	John Tinger	415 972-3518
		Date: 1/11/16

Supervisor Review:

	Ken Greenberg	415-972-3577
	/s/	**Date:** 1/11/16

SECTION I – INTRODUCTION

I.1 Purpose of the Inspection

The purpose of the inspection was to ensure compliance with the NPDES permit and applicable Federal regulations covering the discharge of wastewaters into waters of the United States.

Inspections were conducted jointly with the Regional Water Quality Control Board.

The facility has obtained coverage under NPDES CAG018001 / Order R8-2013-0001, General waste discharge requirements for CAFOs (dairies and related facilities) within the Santa Ana Region.

SECTION II – FACILITY / SITE DESCRIPTION

II.1 Facility Description

According to the EWMP, the facility is 106 acres, with 53 acres of pasture.

The facility operates a "Flush Alley System". Washwater from the milk barn is transferred to a 20,000 gallon (estimate) storage tank. The washwater from the tank is then used to flush the alleyways to clean manure from the concrete areas of the corrals (see photos 3-5). Alleyways are flushed once per day. The alley washwater flushes to the treatment lagoon (photo 6). At the lagoon, wastewater is pumped from the lagoon through a mechanical screen (photo 7). Solids from the screen are settled in a bin overnight, and water decanted back into the lagoon (photo 8). The solids are stacked in the central area where some additional drying occurs prior to hauling off-site (photo 9).

Water decanted from the lagoon is pumped to one of two bermed disposal areas in the south eastern area of the facility (photo 10). The operator alternates disposal to the bermed areas. When one area becomes full of solids, the operator will send washwater to the other bermed area while the operator removes solids and then disks the area to promote infiltration.

II.2 Compliance History

On August 7, 2012, the RWQCB inspection found the following potential violations:

- Rodent activity had eroded soil around and under spillway and has caused spillway to break into sections.
- The discharger had more than 700 mature cows, but had not analyzed the manure, or does not have a copy of their nutrient analysis to show the inspector.

SECTION III – OBSERVATIONS

- NA

SECTION IV – AREAS OF CONCERN

The presentation of areas of concern does not constitute a formal compliance determination or violation.

- The storage structure spillway was severely cracked and subject to undercutting erosion.

SECTION V – DOCUMENTS REQUESTED DURING INSPECTION AND ANALYTICAL RESULTS

- ✓ Engineered Waste Management Plan was available on-site
- ✓ Weekly Storm Water Management Structure Inspections Log Sheets were available on-site
- ✓ Annual Report was available on-site
- ✓ Manure Tracking Manifests were available on-site
- ✓ Manure nutrient analysis was available on-site

NA - Nutrient Management Plan not required

APPENDICES

Appendix 1 – Inspection checklist

Appendix 2 – Photograph Log

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Appendix 1- INSPECTION CHECKLIST

SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD
INSPECTION REPORT

OFFICE NO: _____
INSPECTOR: _____ **Daryl Koops**

PCA SYSTEM TASK NO.: _____ **Northview Dairy**

WDID No.	OWNER NAME	FACILITY NAME
CAG018001	Ex. 6 Personal Privacy (PP)	
NPDES No.	OWNER ADDRESS	FACILITY ADDRESS
	Ontario, Ca, 91761	
Site ID	OWNER CITY, STATE & ZIP	FACILITY CITY, STATE & ZIP
9/30/2015		
Actual Date Inspected	OWNER CONTACT	FACILITY CONTACT
	OWNER PHONE NO.	FACILITY PHONE NO.

J Inspection Agency (S=STATE, J=JOINT STATE/USEPA)

INSPECTION TYPE (Check One)

A1___ "A" type compliance--Comprehensive inspection in which samples are taken. (EPA Type S)
B1 **X** "B" type compliance--A routine nonsampling inspection. (EPA Type C)
02___ Noncompliance follow-up--Inspection made to verify correction of a previously identified violation.
03___ Enforcement follow-up--Inspection made to verify that conditions of an enforcement action are being met.
04___ Complaint--Inspection made in response to a complaint.
05___ Pre-requirement--Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
06___ Miscellaneous--Any inspection type not mentioned above. If this is an EPA inspection not mentioned above please note type. (e.g. biomonitoring, performance audit, diagnostic, etc.)

Y Were violations noted during this inspection? (Yes/No/Pending Sample Results)
N Was this a Quality Assurance-Based inspection?
N Were bioassay samples taken? (N=no) If YES then, S= Static or F= Flow through.
N Were water quality samples collected?

INSPECTION SUMMARY

The overall facility rating, on a 1 (unreliable) to 5 (reliable) scale, was determined to be 3 = Satisfactory.

HISTORICAL INFORMATION (MOST RECENT):

Order No.	Adopted Date	Permit Type	Inspect Date	Inspection Type	Inspection Violations	Inspection Violation Type	Violation Date
R8-2013-0001	**6-7-13**	**NPDES**					

REVIEW OF FACILITY'S MOST RECENT ANNUAL REPORT

MANURE INFORMATION

Amount of manure spread on cropland at the facility: 0 tons

Amount of manure hauled away from the facility: 4275 tons

Name(s) and address(es) of manure destination: Arias trucking, Partida Ferlizer hauled to Kellogg composting, T/M composting in Bakersfield for cropland, Earthworks in Riverside for composting.

ENGINEERED WASTE MANAGEMENT PLAN (EWMP) REVIEW

Did the inspector review the most recent EWMP on file? Yes

Did the facility operator have a copy of the EWMP available onsite? Yes

Date EWMP originally prepared: March 22, 2004

EWMP prepared by: PSOMAS (Riverside CA)

Regional Board EWMP Acceptance Date: 8/26/04

EWMP Certification Letter Date and Source:

Was EWMP fully implemented? Yes

If not, list structures missing or deficient: Spillway in need of repair.

Other information related to the EWMP:

OPERATOR INSPECTION PARTICIPATION AND INPUT, AND DESCRIPTION OF WATER CONTAINMENT SYSTEM

EPA Inspector presented credentials and a short introduction meeting was held. The operator accompanied inspectors through the facility. A short close-out meeting was held to discuss preliminary findings. Operator was not provided advanced notice of inspection.

INSPECTION OBSERVATIONS

ANIMALS ONSITE DURING INSPECTION;
Milk Cows: 1400 Dry Cows: 300 Heifers: 1200 Calves: Other: #

INSPECTION SPECIFIC MANURE AND WASTEWATER INFORMATION:

DISCUSSION OF FACILITY HOUSEKEEPING:
No issues noted. Stockpiles of manure did not appear to have been present for more than 180 days

TYPICAL DEPTH OF MANURE IN CORRALS: not determined
DATE CORRALS WERE LAST SCRAPED:
ESTIMATED FREEBOARD IN FULLEST LAGOON: > 2' freeboard. Estimated at 8'.
DATE OF LAST LAGOON SOLIDS REMOVAL, PER FACILITY REPRESENTATIVE:
Solids removal is daily operation.
DISPOSAL LOCATION FOR LAGOON SOLIDS: disposed with manure.

CONDITION OF BERMS AND CONTAINMENT STRUCTURES:

The bermed areas at the south of the facility were dry.

No evidence of significant rodent damage, erosion, or excess vegetation along berms was observed.

Storage structure Spillway concrete was severely cracked and undercut due to erosion.

POTENTIAL VIOLATIONS (IF APPLICABLE)

- The spillway was not properly maintained, which may have the potential to affect the integrity of the storage structure in the event of overtopping the constructed spillway.

DATE OF POTENTIAL VIOLATION:_____
DATE OF POTENTIAL VIOLATION DETERMINATION:_____
DESCRIPTION OF VIOLATION:

ADDITIONAL COMMENTS, SPECIAL INSTRUCTIONS, FUTURE INSPECTION FOLLOW UP ETC.

None.

Appendix 2 – Photograph Log

The photographs were taken during the inspection by John Tinger. Original copies of the photos are maintained by EPA Region 9.

Photo 1 Facility overview

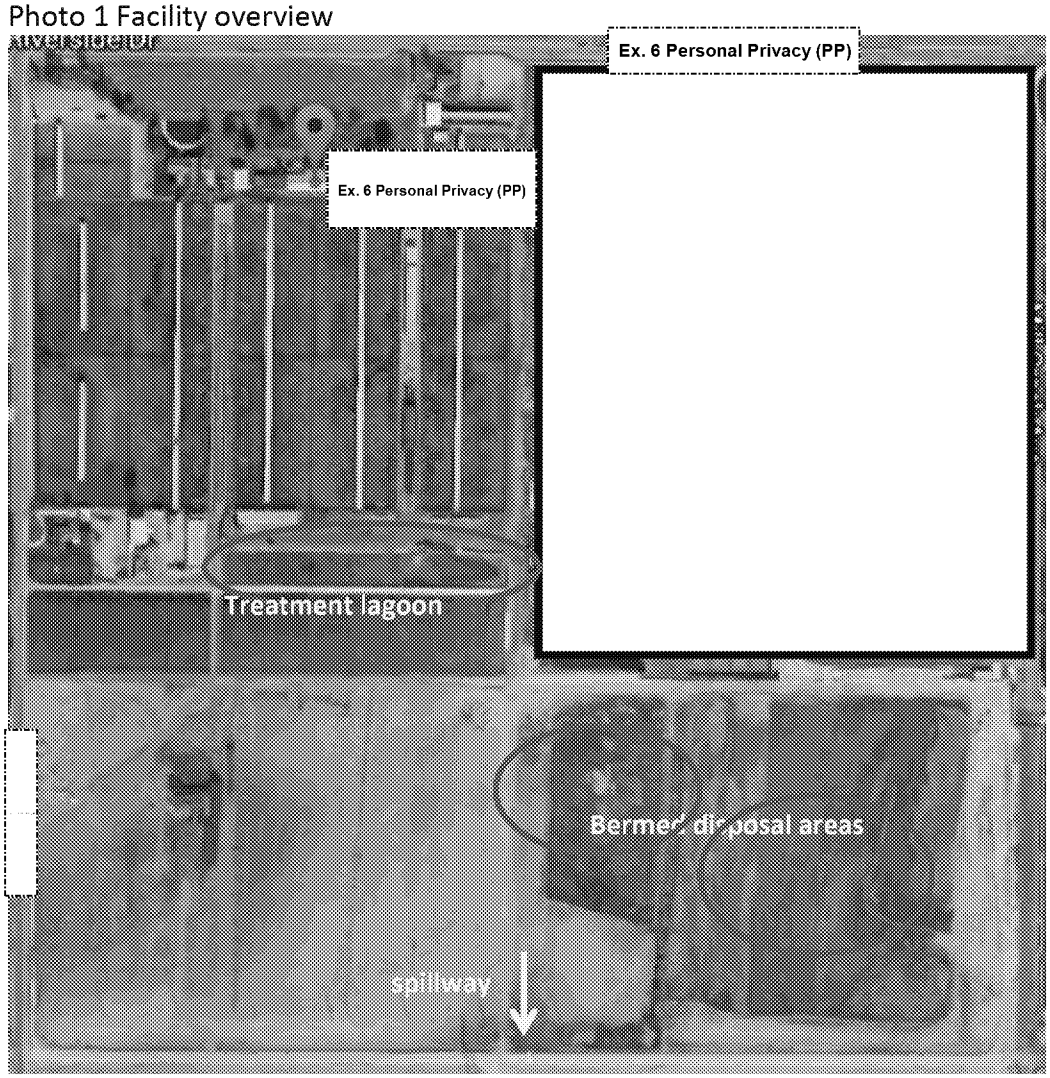

Photo 2: Tank Storage of washwater

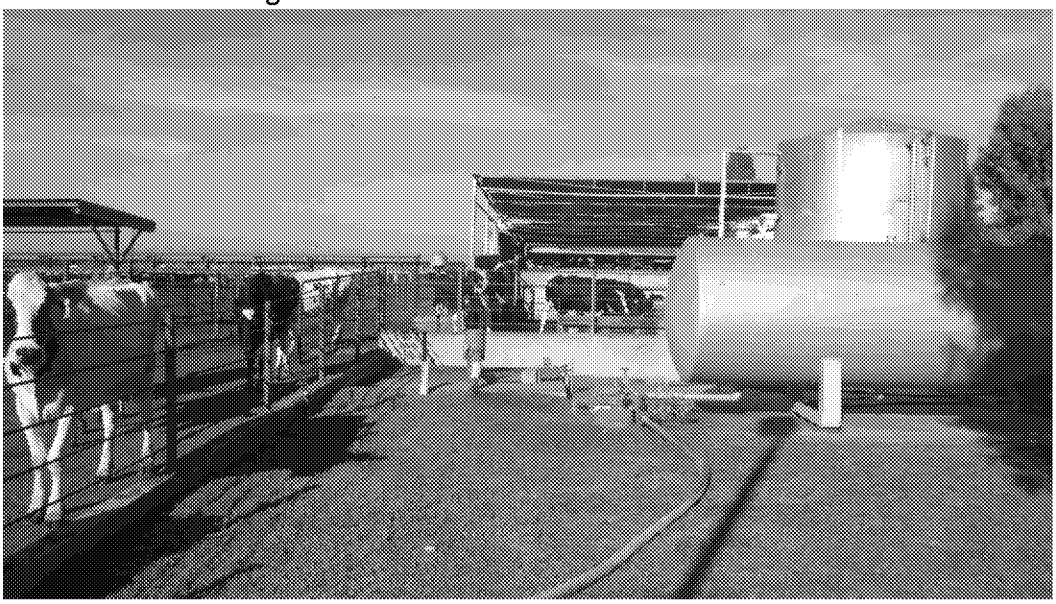

Photo 3: Flush alley in operation, looking south

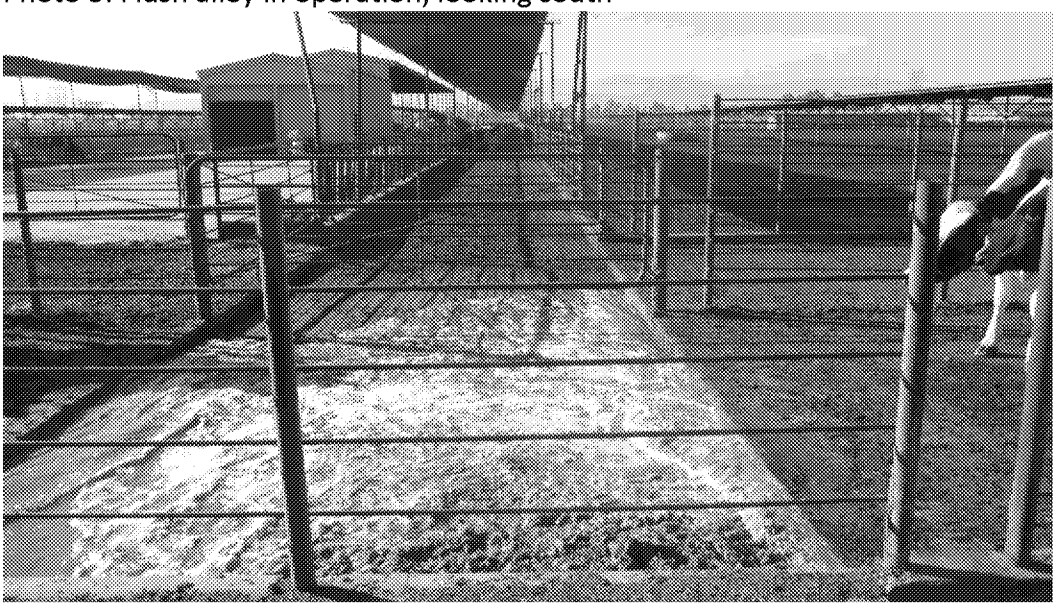

Photo 4: Flush alley

Photo 5: terminus of flush alley draining to lagoon

Photo 6: Treatment Lagoon, looking south

Photo 7: mechanical screening of solids

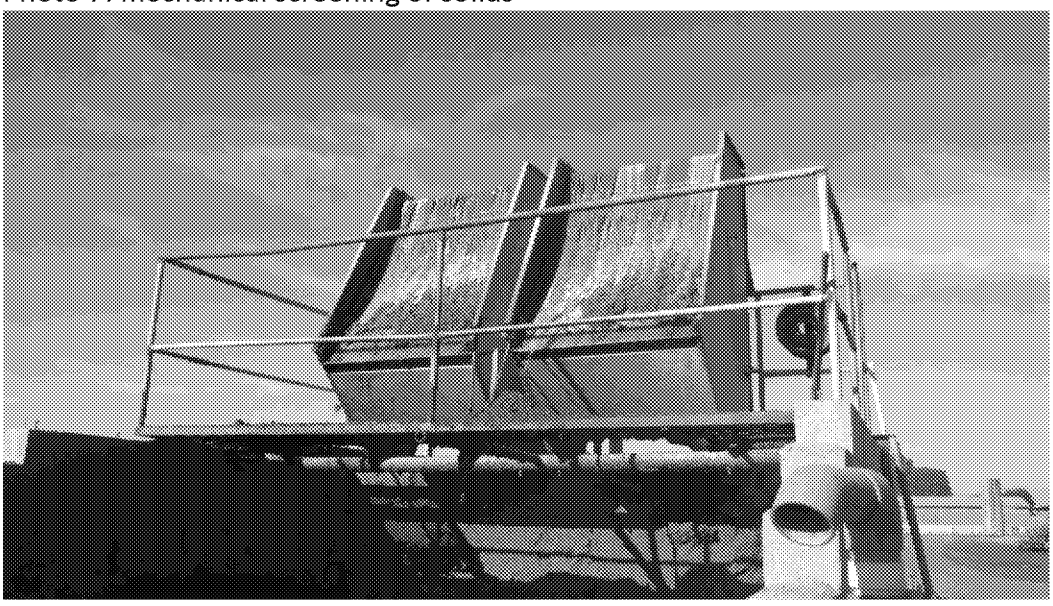

Photo 8: mechanical screening of solids and solids decanting.

Photo 9: solids storage after removal from decant bin

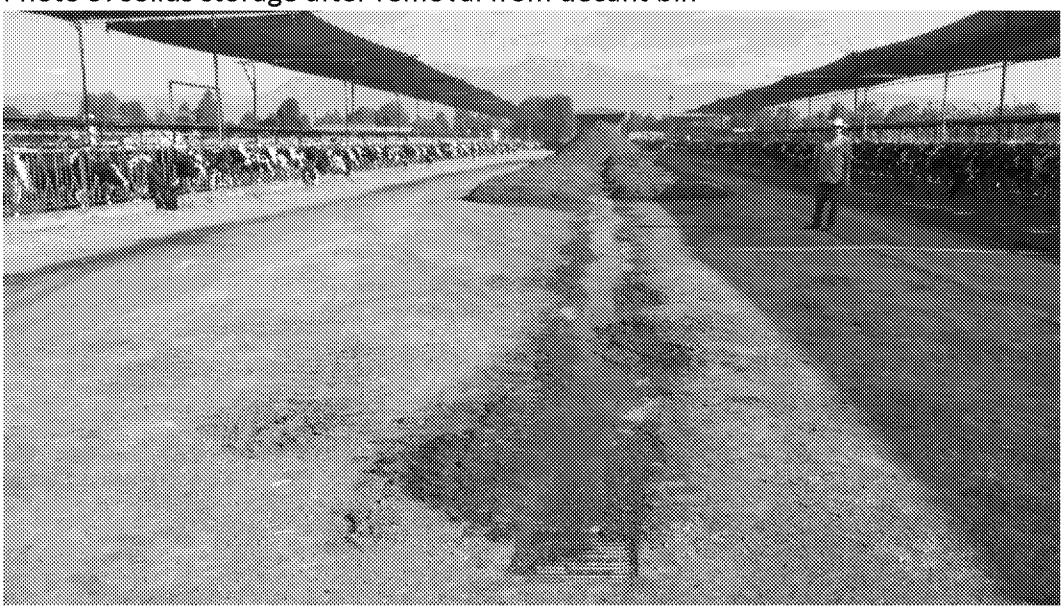

Photo 10: Bermed disposal area in southeast corner of facility

Photo 11: pasture area, berm along southern end of property looking northwest from spillway.

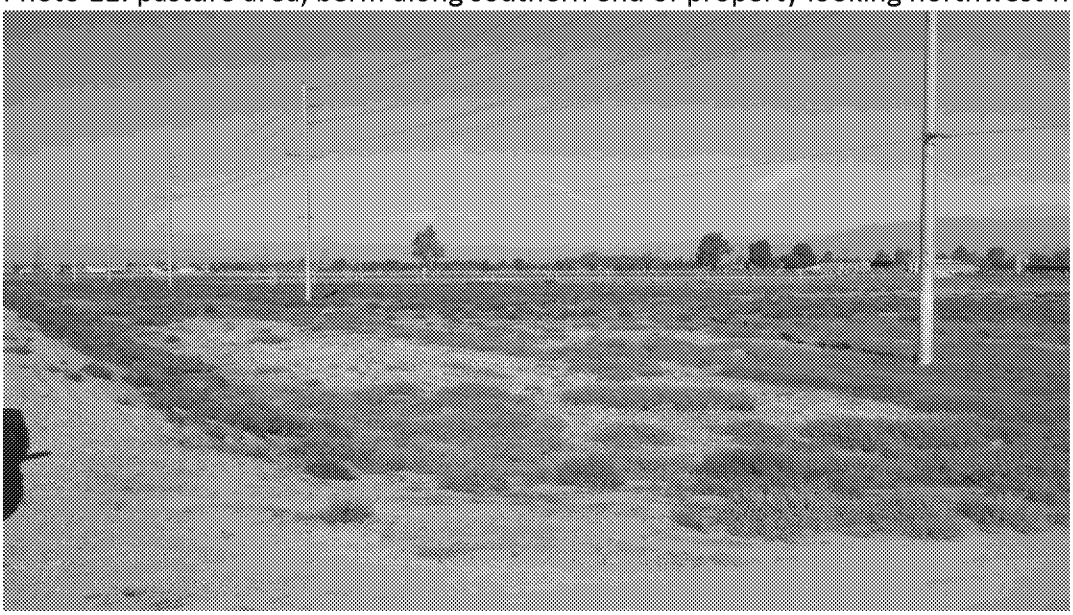

Photo 12: concrete spillway in disrepair

Photo 13: Spillway

Photo 14: Pasture area looking northeast from spillway.