

NMP Technical Review
New Mexico General Permit No. NMG010000

Facility Name: Sun Valley Dairy, LLC.
P.O. Box 1929
Anthony, New Mexico 88021

Permit No.: NMG010062

Type (ex: dairy, non-dairy cattle, etc): Dairy Cattle (Large CAFO)

County: Curry

If located in Bernalillo, Chavez, Eddy, Sandoval, San Juan, or Valencia county, is EAP and metals testing included in NMP in accordance with Part III.D.8? N/A

Previously permitted: Yes

Noteworthy enforcement action:
If no, previous permit no.: NMG010062

Receiving stream:

Impaired waterbody: No

If so, for what pollutant(s): N/A

EPA approved or established TMDL: No

Antidegradation: No
Stream listed as Tier 2/2.5: No
Stream listed as Tier 3: No

NMP developed by certified specialist: No NMP developed. Proposed nutrient management practices includes total evaporation and manure transfers off-site to third party for beneficial use.

NMP elements (other than land application and adequate storage) technically complete: Elements of the NMP are incorporated

Employee Training: Yes

Additional comments: No

NOI/NMP Administrative Review Check List
New Mexico General Permit No. NMG010000

Facility Name: Sun Valley Dairy, LLC.

Permit Number: NMG010062

NOI (Form 2B) administratively complete: Yes

NMP included: NMP terms included

NMP administratively complete: Yes (No land application is proposed at this site. The facility operates as a total evaporation facility. Manure solids will be transferred off-site to a third-party for beneficial use.)

FEDERAL REGULATIONS	LOCATION IN NMP / COMMENTS
40 CFR Part 122.42(e)(1)(i): Ensure adequate storage of manure, litter, and process wastewater	Table 1.1 list RCS(s) capacities. The manure and nutrient production for the dairy was calculated using ASABE Standards (ASABE D384.2 MAR05, Table 1.b – Section 3).
40 CFR Part 122.42(e)(1)(ii): Mortality management.	3.3. Mortality Management The facility will properly dispose of dead animals within three (3) days. Mortalities must not be disposed of in any liquid manure or process wastewater system that is not specifically designed to treat animal mortalities. Animals shall be disposed of in a manner to prevent contamination of waters of the United States or creation of a public health hazard. Animals will be composted or rendered.
40 CFR Part 122.42(e)(1)(iii): clean water diversion.	NMDOT & Dona Ana County Flood Control District have established drainage control features to divert and drain off-site stormwater runoff around this facility. There's also an arroyo that runs between the production area and the evaporation ponds that diverts upstream clean water.
40 CFR Part 122.42(e)(1)(iv): Prevent direct contact of animals with water of US.	This facility will prevent direct contact with water of the US. <ul style="list-style-type: none"> • Waters of the US do not flow through the production area. • Animals do not have access to Waters of the US.
40 CFR Part 122.42(e)(1)(v): Chemical handling.	3.5 Chemical and Contaminant Handling The CAFO will ensure that chemicals and other contaminants handled on-site are not disposed of in any manure, litter, process wastewater, or storm water storage system unless specifically designed to treat such chemicals or contaminants. All wastes from dipping vats, pest and parasite control units, and other facilities utilized for the management of potentially hazardous or toxic chemicals shall be handled and disposed of in a manner sufficient to prevent pollutants from entering the manure, litter, or process wastewater retention structures or waters of the United States. <ul style="list-style-type: none"> • Chemicals are stored in a storage barn/shed • Proper chemical container storage and disposal • Chemicals will not be stored in drains or near pathways that would allow for spills to the production area
40 CFR Part 122.42.(e)(1)(vi): conservation practices, including buffers to control runoff	No land application is proposed at this site. The facility operates as a total evaporation facility. Manure solids will be transferred off-site to a third-party for beneficial use.

FEDERAL REGULATIONS	LOCATION IN NMP / COMMENTS
40 CFR Part 412.4(c)(5): Setback requirements for down-gradient surface waters, open tile line intake structure, sinkhole, agricultural well head, or other conduit to surface water: 100 ft setback, 35 ft vegetative buffer, or compliance alternative.	Refer above.
40 CFR Part 122.42(e)(1)(vii): protocols for testing of manure, soil, litter, or process wastewaters.	Recommended method(s) found in Manure Management Publications/Manure Characteristics: Section 1 Second Edition MWPS-18-S1; http://www.mwps.org/ . And tables 6.1 shows the waste analysis parameters.
40 CFR Part 412.4(c)(2): NMP must incorporate determination of application rates	No land application is proposed at this site. The facility operates as a total evaporation facility. Manure solids will be transferred off-site to a third-party for beneficial use
40 CFR Part 122.42(e)(1)(viii): protocols for land application.	No land application is proposed at this site. The facility operates as a total evaporation facility. Manure solids will be transferred off-site to a third-party for beneficial use
40 CFR Part 412.4(c)(4): NMP must incorporate inspection of land application for leaks	No land application is proposed at this site. The facility operates as a total evaporation facility. Manure solids will be transferred off-site to a third-party for beneficial use
40 CFR Part 122.42(e)(1)(ix): record keeping.	Permittee shall maintain records for at least five years
Legible site map: of the production area (including, at a minimum, the animal confinement area, the manure storage area, the raw materials storage area, and the waste containment area), and the land application area. The map must also include flow direction, an outline of drainage areas to the process wastewater retention or control structures, structural controls, and surface water bodies.	Figure 2.1 – Vicinity Map Figure 2.2 – USGS 7.5 Minute Quadrangle Map w/ facility boundaries Figure 2.3 – Site Map w/ location of the facility, waste retention structures, land application site, and flow direction Figure 2.4 – FEMA Floodplain Map Soil map attached
Signature. The NMP shall be signed by the owner/operator or other signatory authority in accordance with Part VI.E (Signatory Requirements) of this permit.	Bruce Bonestroo – Sun Valley Dairy LLC, Member