

**NMP Technical Review**  
**New Mexico General Permit No. NMG010000**

**Facility Name:** Mountain View Dairy  
Post Office Box 345  
Mesquite, New Mexico 88048

**Permit No.:** NMG010016

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

**County:** Dona Ana

**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.b.**

All CAFOs in the counties of Bernalillo, Chavez, Eddy, Sandoval, San Juan and Valencia must develop and implement soil sampling of land application sites once every five (5) years for the metals selenium, copper and zinc. The sampling may be performed concurrently with required phosphorus sampling.

**Previously permitted:** Yes

**Noteworthy enforcement action:** No

**If no, previous permit no.:** NMG010016 and NMU000637

**Receiving stream:** Mossman Arroyo – 12 Digit HUC No. 130301020801  
Anthony Wash-Rio Grande – 12 Digit HUC No. 130301020803

**Impaired waterbody:** No

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

**EPA approved or established TMDL:** No

**Antidegradation:** N/A

**Stream listed as Tier 2/2.5:** No

**Stream listed as Tier 3:** No

**NMP developed by certified specialist:** Yes

**NMP elements (other than land application and adequate storage) technically complete:** Yes

**Employee Training:** Yes

**Additional comments:** No

**NOI/NMP Administrative Review Check List**  
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NOI (Form 2B) administratively complete: Yes

NMP included: Yes

NMP administratively complete: Yes

| FEDERAL REGULATIONS  | LOCATION IN NMP / COMMENTS  |                 |                |           |                |
|--|---|-----------------|----------------|-----------|----------------|
| <b>40 CFR Part 122.42(e)(1)(i):</b><br>Ensure adequate storage of manure, litter, and process wastewater | Storage Structure   | Type of Storage | Liner Material | Gallons   | Number of Days |
|  | Process Wastewater  | Wastewater      | HOPE           | 2,756,700 | 60             |
|  | Storm Water Runoff Lagoon   | Storm water     | HOPE           | 390,960   | NIA            |
|  | Storm Water Runoff  | Storm water     | HOPE           | 2,241,500 | NIA            |
| <b>40 CFR Part 122.42(e)(1)(ii):</b><br>Mortality management.  | All animals are hauled off daily to a renderer. Name and address of the renderer is recorded in the CNMP. Compost procedures are attached. Composting of dead animals will be an alternative method used. If the renderer fails to pick up the dead animals. Compost will be hauled off to a 3rd party. Tonages and 3rd party name and address will be recorded in the CNMP in the records section.   |                 |                |           |                |
| <b>40 CFR Part 122.42(e)(1)(iii):</b><br>clean water diversion.  | There is a berm around the perimeter of the dairy to prevent run-on into the production area. Outside water is diverted from the production area to the arroyo located between Mountain View Dairy and Mountain View's North Corral Area. Clean stormwater from four shades bordering the arroyo are piped to the arroyo. The entire site is used in the runoff calculations for sizing the two storm water runoff lagoons.   |                 |                |           |                |
| <b>40 CFR Part 122.42(e)(1)(iv):</b><br>Prevent direct contact of animals with water of US.              | Animals do not have access to waters of the US. All animals are confined in a fenced open lot system. All lagoons are fenced.   |                 |                |           |                |
| <b>40 CFR Part 122.42(e)(1)(v):</b><br>Chemical handling.  | <p>Chemicals are stored in the proper containers. Cleaning agents used in the wash up are stored in the milk barn in totes or drums. Iodine is stored in a bulk tank. Diesel fuel is stored in tanks. Engine oil is stored inside the shop area in 55 gallon drums. All used oil is hauled off. Bags of absorbent material is kept on site.</p> <p>The following procedures are used if a spill occurs:</p> <ol style="list-style-type: none"><li>1. Spill extent will be assessed.</li><li>2. Call for help if needed.</li><li>3. Use a skid loader or tractor with blade to contain or divert spill if possible.</li><li>4. Complete the cleanup and repair the necessary components. Emergency contacts and procedures are described in the Emergency Action Plan.</li></ol> |                 |                |           |                |
| <b>40 CFR Part 122.42.(e)(1)(vi):</b><br>conservation practices, including buffers to control runoff     | The dairy is located approximately 1/3 mile from Mesquite Drain, 0.95 mile to East Side Canal, and 2 miles from the Rio Grande River. Current crops are barley in the winter and sudan in the summer. Fields are disked before planting. Flood Fields are laser leveled before planting. Pivot sprinklers are set for uniform application. Flood irrigated fields are laser leveled to ensure uniform application.  |                 |                |           |                |
| <b>40 CFR Part 412.4(c)(5):</b> Setback requirements for down-gradient                                   | Land Application Setbacks are utilized through berms around the land application area. The dairy's land application fields are about 0.4 miles from the nearest   |                 |                |           |                |

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| 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.  | drainage ditch. The pivot field is sloped down from and is down gradient from the agricultural well head. There is a berm between the Flood Fields and Well #2.  |
| <b>40 CFR Part 122.42(e)(1)(vii):</b> protocols for testing of manure, soil, litter, or process wastewaters.   | <p>Manure samples are taken annually. The first dry layer of manure is scraped away before the sample is taken. A minimum of ten samples are taken throughout the pens and combined for a composite sample. Samples are sent to the laboratory for analysis.</p> <p>Litter is not used at this facility.</p> <p>Process wastewater samples are taken quarterly. A contracted company takes a sample from the storage lagoon for testing. Nitrogen and Phosphorus are tested by a contracted laboratory.</p> <p>Irrigation water samples are taken annually. Samples are sent to a laboratory for analysis of Nitrate-N.</p> <p>Soil samples are taken annually. A soil probe is used to take 15 core samples from 0-12" in various locations on each field and combined to make a composite sample. Sample locations are marked on a map and recorded in the CNMP. Samples are analyzed by a laboratory.</p> |
| <b>40 CFR Part 412.4(c)(2):</b> NMP must incorporate determination of application rates  | The 590 Jobsheets are incorporate din this NMP to determine application rates.   |
| <b>40 CFR Part 122.42(e)(1)(viii):</b> protocols for land application.   | The Narrative Method is utilized in this NMP. Land application is done by pivot sprinkler and flood irrigation.  |
| <b>40 CFR Part 412.4(c)(4):</b> NMP must incorporate inspection of land application for leaks  | Inspections of land application equipment for leaks is included in this NMP.   |
| <b>40 CFR Part 122.42(e)(1)(ix):</b> record keeping.   | Record keeping and reporting requirements included in the NMP.   |
| <b>Legible site map:</b> 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. | <p>Faculty Maps</p> <p>Topographic Maps</p> <p>Soil Maps and Soil Descriptions</p> <p>Contour Map</p>  |

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| <p><b><u>Signature.</u></b> The NMP shall be signed by the owner/operator or other signatory authority in accordance with Part VI.E (Signatory Requirements) of this permit.</p> | <p>Yes, the Owner/Operator signature is included</p> |