

From the desk of the DairyDoc

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Revised Dairy Technical and Regulatory Guidance Manual for New Mexico published

Glorieta Geoscience and NMSU Dairy Extension have revised and published the **Dairy Technical and Regulatory Guidance Manual for New Mexico**. The revised version is available for download at [Download PDF](#) and viewable as at [View HTML](#).

The Dairy Technical and Regulatory Guidance Manual (Manual) is written to assist New Mexico dairy producers in navigating the complexities of state and federal environmental/water rights regulations. The Manual is designed for a technically capable but nonacademic audience with a strong background in dairy management. Traditional manuals have primarily focused on manure management. Since manure, green water, and storm water generated at dairies are regulated by the New Mexico Environment Department (NMED)-issued **Ground Water Discharge Permits**, the focus of this Manual is on protection of ground water quality. Also addressed are surface water quality and the **National Pollutant Discharge Elimination System (NPDES) for Concentrated Animal Feeding Operations (CAFO)** permitting process through the United States Environmental Protection Agency (EPA). To best reflect the water cycle at a dairy, the Manual also focuses on water rights and changes in water quality as it moves through the dairy water cycle. This manual is written to follow water from the well or surface water source through the dairy and to final land application and crop consumptive use. Emphasis is placed on water reuse and water conservation. This Dairy Technical and Regulatory Guidance Manual is designed to provide an educated dairy producer with tools by which to apply for permits for a new dairy and/or provide existing dairies with a roadmap by which they can remain in compliance with the regulatory requirements of their various environmental and water rights permits.

Specifically, the purpose of the manual is to:

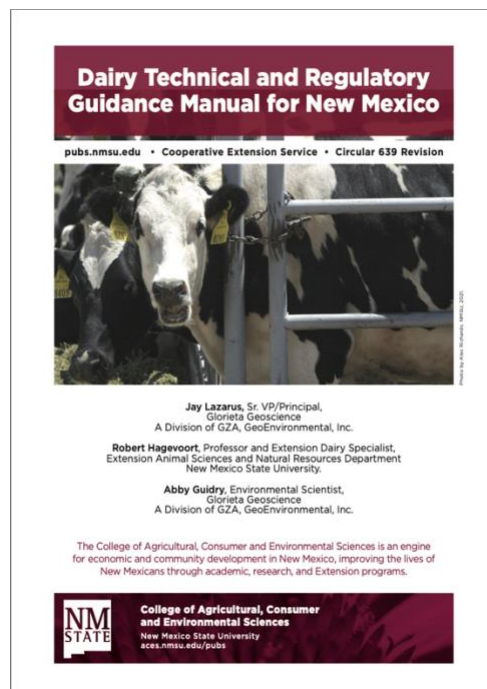
1. Help dairy producers navigate the complexities of state and federal environmental regulations and explain which agencies are responsible for which permits.
2. Provide basic scientific primers in the areas of hydrology, geology, soil science, water quality, and agronomy.
3. Help dairy producers by explaining in simple terms the required environmental, water rights, and water supply data to be collected and kept for each facility.
4. Present case studies using actual data that will help an operator negotiate terms and conditions of the required environmental permits.

NMSU Dairy Extension and NMDA are key partners in "Landmark Dairy Agreement to Boost Nutrition, Trade and Industry Collaboration between U.S. and Indonesia".

The National Milk Producers Federation (NMPF), U.S. Dairy Export Council (USDEC) and KADIN, the Indonesian Chamber of Commerce, signed a [memorandum of understanding](#) (MOU) in a milestone step to deepen cooperation between U.S. and Indonesian dairy industries.

The MOU outlines a framework for collaboration to support enhanced dairy trade, strengthen commercial cooperation and bolster public nutrition through promoting greater consumption of dairy products, particularly in public programs. Key areas of collaboration include the greater integration of dairy into Indonesia's Free Nutritious Meals program, regulatory procedures including on dairy facility registration, data sharing on market trends, information exchange on best practices and technical expertise areas regarding dairy production, and joint public communication efforts to raise awareness of the benefits of dairy nutrition. The agreement also emphasizes support for school milk programs as a catalyst for child health and educational success.

"This agreement marks an exciting next chapter in U.S.-Indonesia cooperation on trade and dairy," said Krysta Harden, USDEC president and CEO. "It builds on strong momentum from the U.S.-Indonesia Dairy Partnership Program that USDEC



launched in January with U.S. and Indonesian partners in the agriculture and university sectors. It also charts a pathway for U.S. dairy suppliers to more fully complement local Indonesian milk supplies in meeting the country's evolving nutritional needs during a critical time for U.S.-Indonesia trade relations."

With its focus on areas of mutual collaboration and support for U.S. dairy exports to Indonesia, this agreement complements ongoing trade negotiations between Indonesia and the United States regarding fostering more reciprocal trade flows.

"The United States and Indonesia share a mission of promoting dairy as a valuable source of nutrition," said Gregg Doud, NMPF president and CEO. "The agreement signed today commits our industries to join efforts to grow the Indonesian market and support producers in both countries."

The MOU builds on a deepening relationship between the U.S. and Indonesian dairy industries, initially prompted by Harden's participation as the featured industry guest on a 2023 National Association of State Department of Agriculture trade mission to Indonesia. Indonesia is the seventh-largest export market for U.S. dairy products, purchasing \$245 million in 2024. With Indonesian President Prabowo's launch of a new national school meals program that includes school milk, dairy demand in Indonesia is poised to expand significantly.

Over the past year, USDEC has led the creation of the U.S.-Indonesia Dairy Partnership Program, which held its first farmer education and training session in January in Indonesia. In collaboration with the New Mexico and Wisconsin Agriculture Departments, New Mexico State University, and Indonesian university and dairy company

partners, the project is focused on the dissemination of technical educational materials designed to empower small-scale dairy producers in Indonesia to improve the quality and quantity of milk they produce. As those practices are adopted, U.S. dairy supplies play a vital complementary role to meet Indonesia's growing dairy needs.



For more information please see the website specifically designed to provide the training modules to Indonesian farmers and industry partners at <https://usidp.id>