

PRODUCTOS DE MAIZ, SA DE CV

Kilometro 8
Carretera Aguascalientes - Zacatecas
Aguascalientes, Ags.
Phone: (49) 730473
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Miguel Licon Davila

Company Size:
Approximately 100 employees

Primary Products:
Mayonnaise

Export Levels:
Information not provided

Plants:
The company's primary plant is located in Lerma, State of Mexico.

Wastewater Status:
Productos de Maiz is complying with ecological norms.

Potential Opportunities:
The company already has a treatment plant, using the following technologies: homogenization, coagulation, flotation, activated sludge, sedimentation, and filtration. Interest areas are BOD, COD, PH levels, and water temperature. Although production capacity is rising, the treatment plant has sufficient capacity to treat effluent.

Nevertheless, potential purchases may be found in recycling equipment. Decision-makers wish to implement a system allowing recycled water to be used for irrigation purposes.

Purchase Time Frame:
Between two and five years

Additional Comments:
Total water consumption is approximately 100m³/day. Future purchases are identified as equipment as opposed to advanced technology.

GANADEROS PRODUCTORES DE LECHE PURA, SA DE CV

KM 37.4 Autopista Mexico - Queretaro
54800 Cuautitlán, State of Mexico
Phone: (5) 729-2012, (5) 729-1001
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Felipe Milmo Ferrero

Company Size:
Ganaderos Productores is one of the largest dairy products producers in the country. The company employs more than 3500 people.

Primary Products: Dairy products

Export Levels: None

Plants:
The company has two Plants:
• Cuautitlán, State of Mexico (address above)
• Ciudad Delicias, Chihuahua

Wastewater Status:
Ganaderos Productores is not currently complying with discharge norms.

Potential Opportunities:
The company recently spent \$US 2.5 million on the construction of a treatment plant for the Cuautitlán plant, primarily using aerobic treatment. To date, the plant has not brought effluent to within norms. For example, suspended solids and BOD levels hover at 2000 mg/l. However, the plant is expected to bring effluent to within 100 mg/l. Discharges total approximately 26 litres per second. Effluent is piped to the municipal system, an important factor given increasingly stringent municipal norms. Also, the company admits the current system is only designed to bring discharges to within current norms (and it appears the technology may not be achieving even those levels). Similar technology was recently purchased for the Chihuahua production location. Currently, no recycling systems are used. While decision-makers acknowledge interest in such a system, there is some fear that water quality would not be sufficiently high. As a result, purchases in this area would need to be excellent quality.

Purchase Time Frame:
Water treatment: unlikely
Recycling: within the next 3 years

Additional Comments:
The company has a high water: total water use in either plant exceeds 1.3 million litres per day. Average cost of water in the Cuautitlán factory is 4.2 NP/m³.