

**Maximum Permissible Limits:  
Daily Average<sup>1</sup>**

	Norm 2	Norm 6	Norm 7	Norm 9	Norm 16
PH Levels	6 to 9	6 to 9	6 to 9	6 to 9	6 to 9
BOD	60	150	150	100	180
Sedimented Solids	1.0	1.0	1.0	NA	1.0
Oils & Greases	15	NA	30	20	30
Phenols	0.5	NA	NA	NA	NA
Total Suspended Solids	NA	150	NA	100	180

  

	Norm 22	Norm 23	Norm 27	Norm 28
PH Levels	6 to 9	6 to 9	6 to 9	6 to 9
BOD	200	100	150	200
Total Suspended Solids	200	100	150	200
Oils & Greases	30	20	NA	40
Sedimented Solids	1.0	NA	1.0	1.0
Amoniacal Nitrogen	20			

**JUGOMEX, SA DE CV**

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Project Engineering

**Company Size:**  
2,000 employees

**Primary Products:**  
Fruit juices, fruit concentrates

**Export Levels:**  
World wide exports; however, the exact percentage value was not provided.

**Plants:**  
Xalostoc, State of Mexico  
Tulpetlac, State of Mexico

**Wastewater Status:**  
It can be assumed the company is not complying with ecological norms.

**Potential Opportunities:**  
The company currently has some wastewater technology, including water softeners, sand filters, and reverse osmosis machinery. However, the equipment is not fully effective given that salt and iron particles plug the system. Jugomex is looking to purchase additional technology to eliminate this problem.

**Purchase Time Frame:**  
As soon as possible.

**Additional Comments:**  
Water usage averages 1400m<sup>3</sup> per day in the Tulpetlac plant and 500m<sup>3</sup> in the Xalostoc plant. Important factors in the buying decision include: technical support and maintenance services.