

## IMPERQUIMIA, SA DE CV

San Pedro # 24  
09300 Mexico, D.F.  
Phone: (5) 694-1911  
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Hector P. López  
Plant Manager

**Company Size:**  
Approximately 80 employees

**Primary Products:**  
Chemicals used in the construction industry, particularly chemicals and sealants

**Export Levels:**  
No specific percentage was provided, although export levels are minimal.

**Plants:**  
The company currently has two Plants:  
• Mexico, D.F.  
• Tecamac, State of Mexico  
Imperquimia plants to consolidate its production facilities in the Tecamac plant in the near future.

**Wastewater Status:**  
The company maintains they are complying with ecological discharge norms.

**Potential Opportunities:**  
Imperquimia currently has no water treatment equipment. Company officials declined to mention wastewater focus areas; however, suspended solids are believed to exceed discharge standards. Current levels are estimated at 1780 mg/litre. Two separate types of effluent are discharged: one from service and sanitary waters, and the other from equipment and holding tank cleaning. The two discharges are not mixed.

**Purchase Time Frame:**  
Currently in purchasing process

**Additional Comments:**  
No additional comments

## CUPROQUIM DE MEXICO

Km 12.5 Via Dr. Gustavo Baz  
Barrientos  
54110 Tlalnepantla, State of Mexico  
Phone: (5) 310-0346  
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Jose Fueyo Macdonald  
Director of Operations

**Company Size:**  
Approximately 200 employees

**Primary Products:**  
Inorganic chemicals based on copper

**Plants:**  
Tlalnepantla ( State of Mexico)  
Chihuahua (State of Chihuahua)  
Plant to be built by 1995/96, location as yet undecided

**Wastewater Status:**  
The plant in Tlalnepantla complies with ecological norms. In contrast, production facilities in Chihuahua do not comply with norms.

**Potential Opportunities:**  
The plant in Chihuahua currently operates no wastewater management process. Discharges of approximately 130 m<sup>3</sup> have high levels of sodium chloride in the water (up to 30 grams per litre), resulting in abnormally high conductivity. Currently, wastewater also has high levels of copper (up to .5 parts/million versus the norm of .1 parts/million) and is extremely discoloured. The plant that is to be built by 1995/96 will produce pesticides, herbicides, and insecticides. Although total volumes of discharge are expected to be low (10 m<sup>3</sup>/day), quality and reliability will be absolutely essential. Given the high cost of water in the Chihuahua area (up to 6.4 NP/m<sup>3</sup>), the company is seriously examining the potential of a recycling system. The approximate capacity of such a system would be 130 m<sup>3</sup>/day, of which only 15 m<sup>3</sup>/day is sanitation and service water.

**Purchase Time Frame:**  
Wastewater treatment for Chihuahua -  
as soon as possible  
Wastewater treatment for new plant - before 1996  
Recycling system for Chihuahua - 3 to 5 years

**Additional Comments:**  
The company expects to purchase consulting services (in Spanish or English) before equipment and technology. Equipment purchases in this area (equipment) are expected to focus on state of the art technology. Financing is not critical. The company would consider out-sourcing the operation and maintenance of the treatment plants.