

COMPARISON OF GEOHYDROLOGIC CONDITIONS AT LAGUNA GATUNA WITH LAGUNA PLATA

CRITERIA

LAGUNA GATUNA

LAGUNA PLATA

Natural Water  
Quality

Springs are more highly mineralized and are similar to ~~water~~ water. Chlorides from springs range from 27,657 to 163,105 ppm.

Springs are relatively low in mineralization. Chlorides range from 7,446 to 8,864 ppm whereas waste water will range from 25,000 to 75,000 ppm.

Ground-water  
Flow

Springs are located on the south and west side of Laguna Gatuna verifying that this is a closed depression with no ground-water outflow.

Springs are located only on the east end which is up-gradient on the water table. The lack of springs on the west end suggests that outflow may occur in that direction.

Distribution  
of Triassic  
Rocks

Triassic redbeds present on all sides of Laguna Gatuna: the geologic conditions are well defined.

Triassic redbeds are present only on the north side of Laguna Plata. Depth of redbeds on east, south, and west sides is unknown.

Case No. 8781	6
Subject	Pollution Control
Hearing Date	4/10/86