

OREGON ADMINISTRATIVE RULES
CHAPTER 340, DIVISION 43 - DEPARTMENT OF ENVIRONMENTAL QUALITY

TABLE 1
(340-43-120)

HEAP-LEACH LIQUID STORAGE CRITERIA

Component	Pregnant-Solution Pond	Barren-Solution Pond
Operating Volume	Minimum necessary to maintain recirculation	Minimum necessary to maintain recirculation
Operational Surge	Anticipated draindown and rinse volume	Anticipated draindown and rinse volume
Climatic Surge	100-yr. 24-hr storm plus 10-yr snowmelt	100-yr, 24-hr storm plus 10-yr snowmelt
Safety Factor	2-ft dry freeboard	2-ft dry freeboard

TABLE 2
(340-43-120)

**REQUIRED RESPONSES TO LEAKAGE DETECTED FROM THE LEACH PAD
AND PROCESSING CHEMICAL STORAGE PONDS**

Leakage Category	Response
Zero leakage to 200 gal/day-acre	Notify the Department; increase pumping and monitoring
Leakage from 200 gal/day-acre to 400 gal/day-acre	Change operating practices to reduce leakage
Leakage in excess of 400 gal/day-acre	Repair leaks under Department schedule.