

Bureau of Mining Regulation and Reclamation

PERMIT LIMITATIONS FOR LEAK DETECTION SYSTEMS

December 23, 1991

The following flow rates from leak detection systems are used in all permits issued by the Division. All rates are daily averages for the time period noted.

	<u>Quarterly</u>	<u>Annually</u>
<u>DOUBLE-LINED PONDS</u>	150 gpd	50 gpd
<u>LEACH PADS</u>		
Sub-base k		
10 ⁻⁷	150 gpd	50 gpd
10 ⁻⁶	75 gpd	25 gpd
10 ⁻⁵	20 gpd	10 gpd
<u>CONVEYANCE CHANNELS</u>		
Sub-base k		
10 ⁻⁷	150 gpd	50 gpd
10 ⁻⁶ or greater	45 gpd	15 gpd

In the event that permit limitations are exceeded, a site- specific evaluation must be conducted by the permittee to assess the need for any additional process component or site monitoring. Depending upon site-specific conditions, the permittee may need to institute a mitigation procedure(s) to bring the process component into compliance with the permit limitation. If it can be shown that the permit violation will not result in degradation of waters of the state and the permittee complies with new monitoring levels and mitigation procedures, a permit revision may be granted that increases the permit limitations to allow the operation to continue uninterrupted for a specified time. If a permit limitation for a leak detection system is exceeded, the Division does not intend to use the permit limitation as a means of halting beneficiation or assessing penalties, except in cases where the design criteria is no longer reasonably met, the permittee has been negligent, or the permittee is not responsive in taking proper corrective actions.