REFERENCE 8

Water Quality Criteria for Sanitary Lagoons

WATER QUALITY CRITERIA FOR SANITARY LAGOON

Analysis	Limit	Reference
Total Alpha Activity	5×10^{-6} µCi/ml	AECM-0524, Annex A, Table II - Soluble Pu-239
Total Beta Activity	3×10^{-7} µCi/ml	AECM-0524, Annex A, Table II - Soluble Sr-90
Tritium	3×10^{-3} µCi/ml	AECM-0524, Annex A, Table II - Soluble Tritium
Biochemical Oxygen Demand	None	California Water Quality Criteria discusses B.O.D. effect on fish life and bacteria. However, criteria are only applicable to flowing streams.
Dissolved Oxygen	None	California Water Quality Criteria discusses D.O. deficiencies or complete absence, and effect on fish life. Idaho standard is a minimum of 6 ppm or 90% of saturation for flowing waterways.
pH	None	Idaho standards are within 6.5-9.0 for surface and underground flowing waterways.