

ASSESSMENT METHODOLOGY

SAMPLING		EGG CONCENTRATION (% OF STANDARD)	RESPONSE
Water Column and Brine Shrimp	Eggs (Geometric Mean of 5 eggs)		
4 locations/annually	1 location/1 species		
4 locations/quarterly	2 locations/1 species	40%	A Level II Anti-degradation Review* is required for all new permits and renewals
8 locations/quarterly	2 locations/2 species	60%	Implement selenium caps on all permits
8 locations/monthly	3 locations/2 species Perform hatchability study on 2 species	80%	Preliminary studies of load reductions
		100%	Impairment: TMDL required

*A Level II Anti-degradation is an evaluation of whether there are any reasonable non-degrading or less degrading alternatives for the proposed activity. The evaluation is based on information/studies provided by the project proponent. The following is a list of things that should be evaluated: innovative or alternative treatment; greater or more effective treatment; connection to other treatment facilities; process changes; seasonal discharge; pollution trading; water conservation; recycle or reuse; alternative discharge locations; land application; improved O&M; and other alternatives.

An option more costly than the cheapest alternative may have to be implemented if a substantial benefit to the stream can be realized. Alternatives would generally be considered feasible where costs are no more than 20% higher than the cost of the discharging alternative