

**PERMIT APPLICATION**

**CHEMICAL ADDITIVES EVALUATION LOG**

Chemical Name	Operating Dosage*	Outfall Dosage**	No Observed Effect Concentration***	
	Concentration (mg/l)	Concentration (mg/l)	Lowest Aquatic Toxicity (mg/l)	Species

\*Operating Dosage means the concentration of the chemical as maintained in the system (cooling tower, stripper, exchanger).

\*\*Outfall Dosage means the concentration of the chemical in the final discharge after dilution, if any, with other water not containing the chemical. For instance, if the concentration of the chemical is maintained at 10 mg/l in the cooling tower (Operating Dosage), the blowdown rate is 25 gallons per minute and the blowdown is mixed with 25 gallons per minute of other water not containing the chemical, the Outfall Dosage is 5 mg/l. If there is no other dilution water, the Operating Dosage and Outfall Dosage are the same.

\*\*\*From the Material Data Safety Sheets. If available, toxicity data for Pimephales promelas (fathead minnow) and Ceriodaphnia dubia (water flea) should be provided. Other species with similar sensitivities can be provided if the data for these species are not available.