

University Of California Davis Campus, J. Amorocho Hydraulics Laboratory, Yolo County

The University of California owns and operates a hydraulics laboratory at the Davis Campus. The facility includes an indoor experiment floor and a covered outdoor experiment area where tests are conducted on fish swimming performance, behavior and physiological response. Source water for the indoor and outdoor systems is drawn from a nearby well and air-equilibrated with tap water from the University water supply system used as a back-up water source. Water used in the outdoor flume will be exposed to experimental fish and to river bottom soils or riparian plants prior to discharge. Water used in the indoor system is exposed only to experimental fish prior to discharge, and only when fish are used for experiments. The effluent is not treated prior to discharge to the North Fork of Putah Creek, which flows to Putah Creek, the Yolo Bypass and then to the Sacramento Delta. The University has submitted a Report of Waste Discharge for land disposal of this wastewater. If Waste Discharge Requirements for land disposal are adopted, the NPDES discharge will cease and this Permit will be rescinded. There are no significant issues with this permit that involve interpretation of a Basin Plan narrative objective.