

**Title: Assessment of the Water Quality Health of Martin Slough and Jacoby Creek in Humboldt County for Habitat Suitability for Salmonids**

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**Abstract:** Some of the watersheds in Humboldt County have been listed as impaired water bodies for the North Coast Region. The data from Humboldt Baykeeper suggest that in 2012 both Martin Slough and Janes Creek were not suitable for salmonid habitat based on turbidity levels. There have been some restoration efforts for both Martin Slough and Jacoby Creek. The current water quality conditions were compared to the data collected by Humboldt Baykeeper in 2012 in order to assess the change in water quality health over the last thirteen years. The objective of this project is to assess the water quality health of Martin Slough and Jacoby Creek in Humboldt County for habitat suitability for salmonids.