



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) Kathryn D. Nelson	Project Number J0924
Project Title The Quiet Pond	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals My objective was to learn if urban runoff or pollution harms plant and animal life in a Riparian Environment.</p> <p>Methods/Materials First finding each pond around Huntington Beach and one from northern Santa Barbara County. At each pond taking the pH, temperature, and observations of each pond. The observations consist of visual pollution, clear or cloudy water, the type of soil, salty or fresh water, each speices of plants and animals, and water samples. After taking the water samples, make slides for each sample and look underneath a microscope.</p> <p>Results The healthiest pond was Pond A or the northern Santa Barbara County pond. Second was Pond D or C, both were in Huntington Beach Central Park, across the street from Huntington Beach Central Library. Fourth was Pond E, off of Garfield in between all the oil rigs and man made ponds. Last was pond D, off of Garfield.(Closest to street)</p> <p>Conclusions/Discussion My conclusion is that Urban Runoff or pollution has a very harmful affect on plant and animal life in a Riparian Environment.</p>	
Summary Statement My project is about finding if pollution harms plant and animal life in a pond environment.	
Help Received My dad helped me understand the pond environment, and my mom drove me to each pond.	