



**CALIFORNIA STATE SCIENCE FAIR
2009 PROJECT SUMMARY**

Name(s) Kelsey Cole; Emily Hornstein	Project Number S0809
Project Title Got Pb?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals Our study focused on testing the drinking water of three Ventura high schools to determine its lead content. We sought to prove that the highest lead levels would be found in the drinking water at Ventura High School (the oldest high school in the district).</p> <p>Methods/Materials 20 containers; Labels[date, time and location]; Water from three Ventura high schools; Negative control (Aquafina water); Positive control (25 ppb lead in distilled water); Capco Analytical Service, Inc. # a commercial lab in Ventura, California; Using consistant technique, we filled 200 cc of drinking water per container, on 2.25.09 at 7AM. Outside temp:66F; Prior to filling the containers, we ran the water for ten seconds. This was done to test the water from the water line instead of testing the faucet water. We transported the water to the commercial lab within 30 minutes.</p> <p>Results Ventura High School(ppb): 1.tennis court- 2.7 2.boys# bathroom- 2.9 3.track- 0.51 4.teachers# lounge- 4.4 5.kitchen- 0 6.gym- 0 7.auditorium- 0.58 16.hallway- 3.4 17.Reynosa#s classroom- 0 19.principal#s office- 0.58 20.New Building- 0 Buena High School: 8.snack bar- 0 9.bathroom- 0 10.teachers# lounge- 7.5 11.kitchen- 6.7 12.cafeteria- 11 Foothill High School:</p>	
Summary Statement Our study focused on testing the drinking water of three Ventura high schools to determine its lead content.	
Help Received Used lab equipment and staff of Capco Analytical Service, Inc.	