



**CALIFORNIA STATE SCIENCE FAIR
2011 PROJECT SUMMARY**

Name(s) Seth F. Kisbye	Project Number J0806
Project Title Determining Which Sediment Decreases Liquefaction	
Abstract Objectives/Goals The objective of my was to figure out which sediment decreases liquefaction. I would use this information find out which sediment to build structures on. So that contractors to know which sediment to build on. Methods/Materials For my expirement i used one (1) ten (10) pound bag of sand, one (1) ten (10) pound bag of potting soil, one (1) ten (10) pound bag of sediment from outside, a fan, a clear bowl. I constructed my project by putting the sediment in the clear bowl putting water on the sediment and then turning on the fan. Results the results of my project were sediment from outside decreased liquefaction the most potting soil decreased liquefaction the second most and sand decreased liquefaction the least. Conclusions/Discussion Much was larned from this expirement. I learned contractors should build structure on the sediment from outside rather then sand.	
Summary Statement The purpose of my project was to determine which sediment decreases liquefaction.	
Help Received Mrs. Lopez-Lickey helped me with my graphs. My dad for helping me cut out the posterboard.	