



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> <b>Selma E. Kondoker</b>	<b>Project Number</b> <b>J1999</b>
<b>Project Title</b> <b>Turning Greywater Green</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The purpose of this experiment is to determine if plants watered with greywater will grow better than plants watered with tap water. <b>Methods/Materials</b> A total of sixteen plants were grown. There were four different types plants, each type of plant referred as a plant group. Two plants form each plant group were watered with tap water (control gorup), and two plants from each plant group were watered with greywater. The height of plants were measured and averaged to one height every day. The control plants' heights were compared to the greywater plants' heighths. <b>Results</b> The results show that plants watered with greywater grew taller than the plants watered with tap water. Greywater contains soap residue, which consists of nutrients like nitrogen, potassium, and phosphorus which can fertilize plants and help them grow tall. <b>Conclusions/Discussion</b> Greywater could be used water plants.	
<b>Summary Statement</b> Greywater can be green.	
<b>Help Received</b> Mother helped to get all the materials. Father helped with the pictures. Sister Reham and Jeanette helped to organize.	