Group 4 Project 2016-Clean Sunbeam Lake

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| Group 1  Kellig Roncal-Bonfils  Sachi Nidome  Alejandra Castillo  Carlos Valadez  Lucia Serrano  Chemistry: Perform the chemical analysis of the water. Check for copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous (phosphates). | Group 2  Sabine Castro  Sebastian Padilla  Jennifer Luna  Kamila De La Puerta    Chemistry: Identify health hazards of each of the contaminants and allowable ppm per EPA guidelines regarding public swimming areas.  You will identify health hazards of the following chemicals: copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous (phosphates). |
| Group 3  Alejandra Ulloa  Jose Ivan Mendez  Stibali Bautista  Christian Araujo  Physics: Identify technologies that might be used to clean up the identified contaminants  You will identify technologies that can be used to clean up the following chemicals: copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous (phosphates). | Group 4  Brenda Lopez  Frederico Molina  Isabel Mendez  Marco Torres  Physics: Perform an economic evaluation comparing and determining the impact of the technology (ies).  You will focus on the technologies found in group 3 that can be used to clean up the following chemicals: copper, iron, ammonia nitrogen, pH, nitrate nitrogen, and phosphorous (phosphates). |