



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

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**ORIGINATING SECTION:** OFFICE OF THE GENERAL MANAGER  
**CONTACT:** ALEXANDRA BRADLEY

**AGENDA DATE:** May 15, 2019

**ITEM NO. 10**

**SUBJECT:** 2019 Livermore Valley Joint Unified School District (LVJUSD) Science Odyssey Awardees

**SUMMARY:**

- The LVJUSD Science Odyssey is an annual science and engineering fair that encourages students to pursue their interests in STEM related topics. The Science Odyssey inspires students from elementary to high school to engage in asking questions, practice research methodology and work to find creative solutions to the problems they encounter. Students develop project ideas and bring them to completion where they are presented at the annual Science Odyssey. Judges select winners from the entrants to award the most outstanding projects.
- Zone 7 Water Agency's education program with LVJUSD helps to promote water awareness and interest in water related careers. Several of the winning projects took on issues facing society related to water. In order to honor the work that these students have done to highlight water issues as well as celebrate Water Awareness Month, Zone 7 has invited the students who were awarded honors at this year's Science Odyssey to present their projects to the Zone 7 Water Agency Board of Directors, and receive a gift card and certificate recognizing their achievements.
- The following students have accepted the invitation to present their projects to the Board:
  - **Minh-Ky Kawamura, Grade 2, Emma Smith Elementary** presenting: Rain water and tap water which one is safer to drink?
  - **Charlotte Follett, Grade 7, Christensen Middle School** presenting: How can I make clean water from dirty water?
  - **Namratha Kadali, Grade 7, Junction Avenue K-8 School** presenting: Do plants grow faster in a hydroponics system or conventional system?
  - **Shrutika Damle, Meenakshi Mynampati, and Carina Leinfellner, Grade 10, Granada High School** presenting: What is the most cost efficient design for a portable water filter?
  - **Vishal Venkatesh, Grade 10, Granada High School** presenting: What is the most effective water filter made of organic materials?
  - **Daryl Calhoun, Grade 12, Vineyard Alternative High School** presenting: Which water source is more compatible for us to drink and how can we manage this water?

**FUNDING:**

The students presenting received a \$50 Visa Gift Card from Zone 7, funded by Fund 100-Water Enterprise.

**RECOMMENDED ACTION:**

Informational only.