

Implementation Plan for ACLR1-2013-0037 Funding (\$44,561) on Watershed Heroes at Sequoia Park Zoo

November 22, 2013

This Supplemental Environmental Project by the City of Eureka will involve the following elements and programming at the Sequoia Park Zoo for its upcoming Watershed Heroes exhibits, as well as community outreach addressing the subjects of water quality and watershed health. Since only a portion of the original proposal is funded, priority has been given to those which have the greatest potential positive impact to affect water quality and watershed health, with the greatest numbers served.

1. Watershed Heroes activity comic book (\$6,000)

A fun and engaging color booklet with activities and a comic-book style story line will be developed using a local artist and zoo staff to promote the themes of keeping our watersheds healthy for humans and wildlife. This booklet will be reproduced and made available to kids as incentives during outreach events and special zoo events. It will also be sold at the zoo gift shop for \$1 and a simplified version will be downloadable for free on the zoo website.

- Numbers of school-aged children served annually: ~ 2,000+.
- Timeline for completion: October 2014.

2. Washington Elementary Awesome Otter Club afterschool program (\$3,500)

Seasonal zoo staff will work with 3<sup>rd</sup>-5<sup>th</sup> grade students in the Washington Elementary after school program to evaluate existing and design new water related curriculum, resources and programming. An Awesome Otters Club will meet weekly throughout spring (March-June). Awesome Otters will experience and evaluate the zoo's water conservation themed curriculum and provide input for potential additional activities. Participants will be tested pre- and post- activities for their change in knowledge relative to water conservation. Students will host a World Oceans Day Festival (first week in June) for the entire afterschool program where they work in small groups and implement activities selected from the revised curriculum. Club participants will also assist with focus-group testing the Watershed Heroes comic book and other programming associated with the Zoo's Watershed Heroes exhibit.

- Numbers of school children served: ~16 club participants (grades 3-5) + 150 afterschool program students attending festival (grades K-5)
- Club activities completed by June 13, 2014.

### 3. Watershed Heroes Headquarters (\$18,000)

This permanent display next to the salmon and otter exhibits will invite kids and adults to learn how they can be watershed heroes. It will feature several interactive interpretive stations such as a seeking game where visitors find signs of damage or pollution in a watershed mural and discover ways to remove or undo the problems. Another will showcase local watershed restoration projects and ways people can get involved. Visitors will be encouraged to take a pledge and a photo with our Super Salmon mascot to be a watershed hero. Zoo staff will design all interpretives.

- Numbers of all-aged visitors served annually: ~ 80,000.
- Timeline for completion: July 2014.

### 4. Watershed Play interactives (\$17,061)

Artistic interpretive symbols will be created in concrete by a local artist and imbedded within this play zone to symbolize natural and human-made elements within a watershed, and how they may impact water quality. A hand-pump for kids to physically apply water to the watershed model, along with a recirculation pump and filter system will be purchased. These interactive components will engage kids to discover through experiential play how a watershed functions and what our impacts are. Exhibit project contractors will install these interactives.

- Numbers served annually: ~80,000; additional 2,000 youth through focused programs and field trip tours
- Timeline for completion: July 2014.