**Work Plan: Friends of the Van Duzen River (Proposal to the McLean Foundation)**

**September 2014**

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| **TASKS** | **DESCRIPTION** | **Work Period** |
| **Task 1.** | **Initiation and Coordination** |  |
| 1.1 | Team/Staff Meeting | September 2014 |
| 1.2 | Fall organizing for selection/training of students to assist w/ monitoring activities | September 2014 |
| 1.3 | Press releases, radio interviews, web update | September 2014 |
| 1.4 | Select temperature monitoring sites, including near schools | September 2014 |
| 1.5 | Classroom instruction in subjects relating to watersheds and water monitoring | September 2014 |
| **Task 2** | **Educational Field Activities** |  |
| 2.1 | Monitoring at selected Sites for turbidity, pH, oxygen, and temperature | September 2014 - January 2015 |
| 2.2 | Studies on collection and identification of important aquatic macro invertebrates | September – October 2014 |
| 2.3 | Retrieve automated water temperature probes | October 2014 |
| 2.4 | Algae monitoring study including use of FOVDR microscopes to view algae samples | October 2014 |
|  | Hydesville, Bridgeville, Cuddeback, and Scotia, field trips to Sequoia Zoo Watershed Exhibit | October - December 2014 |
| 2.5 | Salmon spawning ground field trips | October 2014 - January 2015 |
| 2.6 | Video recordings using IPads and Go-Pro | October 2014 - January 2015 |
| **Task 3** | **Data Analysis, Mapping** |  |
| 3.1 | Assimilate and analyze data | October - November 2014 |
| 3.2 | Maps & photo points of sites for collection of temperature, algae, and salmon data | September 2014 – January 2015 |
| 3.3 | Network with students on salmon counts | October 2014 – January 2015 |
| **Task 4** | **Reports** |  |
| 4.1 | Salmon migrations & spawning in Van Duzen | January – February 2015 |
| 4.2 | Water quality: temperature, algae, turbidity, and flow | January – February 2015 |
| 4.3 | Upload photos and reports, and update FOVDR website | January – February 2015 |
| 4.4 | Submit report to World Monitoring Database | February 2015 |
| 4.5 | Final Report | March 2015 |