**Land-based Sources of Pollution (Sediment) Workshop for American Samoa Environmental Protection Agency (ASEPA)**

*Funding provided by National Fish and Wildlife Foundation (NFWF)*

**Dates**: 8/1/15 – 8/2/15

**Attendees**: Christianera Tuitele, Mia Comeros-Raynal, Jewel Potoae, Meagan Curtis, Jameson Newtson, Jeremy Raynal?

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| **DAY 1** | |
| **0800-1000** | Introductions – Project Overview |
|  | Motivation for the project |
|  | Overview of event-based SSY for impact assessment/change detection |
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|  | Explain field methods: Discharge, Turbidity, SSC grab samples |
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| **1000-1100** | Break – Go to field site (behind LBJ Hospital or near the Quarry) |
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| **1100-1300** | Go over turbidimeter installation and wiring |
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|  | Demonstrate how to connect to Turbidimeter: start logging |
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|  | Demonstrate how to connect to Pressure Transducer: start logging |
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|  | Demonstrate how to connect to Rain Gauge: start logging |
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| **1300-1400** | Lunch |
|  |  |
| **1400-1530** | Download data from Turbidimeter |
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|  | Download data from Pressure Transducer |
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|  | Download data from Rain Gauge |
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|  | Collect grab sample for SSC, analyze in lab on Day 2 |
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|  | *If there is time:*  *Demonstrate how to measure Q* |
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| **1530-1600** | Drop off samples to Lab |
|  | Store equipment |
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| **1600** | Adjourn |
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| **DAY 2** | |
| **0800-0900** | Address questions from Day One, recap activities |
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| **0900-1000** | Demonstrate how to use Autosampler/retrieve samples (if needed)  Demonstrate SSC gravimetric methods |
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| **1000-1200** | Demonstrate how to manage data |
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| **1200-1300** | Lunch |
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| **1400-1600** | Basic Data Analysis/QC in Excel |
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|  |  |
| **1600** | Adjourn |
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