



**Trip Report**

**Project: SUMAWA**

**Travelers : Laura Dalles**

**Location (s): Njoro, Kenya**

**Dates of Travel: 21-31, October, 2005**

**Purpose of Trip:**

The purpose of this trip was to meet and establish working relationships with administrators, Co,PI's and students working on the SUMAWA project and to familiarize myself with the working operations of the SUMAWA office.

**Brief Summary:**

- Met with key personnel regarding administration of the project. Also discussed obstacles they face in day-to-day operations.
- Met with Co-PI's to discuss their role regarding the research being done. Discussed successes, obstacles, needs they have encountered.
- Met with students and discussed their role and the research they are doing in regards to the project.
- Met stakeholders of the project.
- Reviewed budget allocations and expenditure/invoicing procedures.
- Performed an inventory check of all equipment purchases for project.

**Contacts Made on This Trip:**

- P.B Allen
- Dr. Patterson Semenye
- Zakayo Akula
- Mary Ndivo
- Dr. William Shivoga
- Dr. D.E. Ouma
- Dr. Charles Gichaba
- J.M. Mavura
- Joseph Matofari
- Sangam Tiwari
- Steve Hockett
- Malachi Omondi
- Samuel Kibichii
- Milcah Ngugi
- Eric Enanga
- Benson Obwanga
- Hibel Inonda
- L. Nyawanga
- Joseph Kiragu
- Erick Brett
- John Chelule



Trip Report: (Project, travelers)

Date of Travel:

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## Detailed Trip Report

### Friday, October 21, 2005

Departed Laramie WY at 7:00 AM for Nairobi Kenya through Denver, CO, Chicago IL, and London England.

### Saturday, October 22, 2005

Arrived Nairobi, Kenya at 8:45PM. Pickup was arranged by Zakayo Akula for transport to P.B. Allen's home for overnight accommodations.

### Sunday, October 23, 2005

Spent the day at P.B. Allen's.

Visited with Barbie Allen regarding her role with the project. Discussed the process of wire-transfers and invoicing.

### Monday, October 24, 2005

Met Patterson Semenye, Project Coordinator at P.B. Allen's and traveled to Egerton University with him.

Upon arrival at Egerton University met Akula and Mary Nvido along with graduate student Milcah Ngugi.

I received keys and cell phone for use during our stay.

Discussed schedule for next days activities.

### Tuesday, October 25, 2005

I met with Semenye and Akula prior to departing for the watershed tour. Semenye gave me a brief overview of the project, identifying the key areas within the watershed and what their level of participation is, their contributions or what their needs are for the project. We visited about the additional projects that will be added to satisfy the livestock component of the project.

We drove to the head of the watershed where we met up with Erick Enanga, Benson Obwanga, Milcah Ngugi and Technician L. Nyawanga who were obtaining water samples and gathering stream flow data. They talked about what their research entailed and how often they collect samples and data for the project, how the instruments worked and general information about the area and collaboration with the local farmers/stakeholders. Earlier that morning a group of students had been to this area collecting fecal samples from some participants who were typically not available at the time of day they usually gathered samples. They are finding they need to accommodate the locals more in order to obtain the data that they need to do their research.

We met with Mr. John Chelule, the headmaster at Sigaon Primary School. We discussed repairing of the rain gauges and bringing in a board to display on the building that allows the students to record each day measurements and use the data for other math/science related activities, such as charting, graphing, predictions. The headmaster talked to us about the student-to-teacher ratio and curriculum that is taught.

### Wednesday, October 26, 2005

Worked in SUMAWA office all day.

Met with Zakayo Akula, project administrator regarding fiscal reporting for grant and incorporating the use of a standardized accounting form. We agreed that monthly invoicing needs to be sent to me by the 15<sup>th</sup> of the month. Invoices will be sent to me itemized per budgeted category with relevant account codes. An itemized code sheet was given to Akula. He felt this was a good approach and welcomed the suggestions and assistance.

Met with Project Administrator, Semenye regarding his role with the project and how to improve communications and implementation of needs for our roles with the project. We both agreed that it was important to check in with each other weekly.

Met graduate students working on project: Joseph Kiragu, Malachi Omondi, Samuel Kibichii, Eric Brett, and Milcah Ngugi.



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Met with Dr. D.E. Ouma, Dr. Charles M. Gichaba, and Mr. Joseph W. Matofari, (Co-PI's and Researchers) regarding their role in the project, toured their departments and labs.

Held Palm Pilot (PDA) tutorial with Co-PI's Gichaba, Ouma, Semenye, Akula and Matofari

Reviewed inventory with Mary Ndivo, Akula and Semenye

Had dinner with Semenye, Dr. Gichaba, Dr. J.M. Mavura, Akula, Steve Hockett and Sangam Tiwari.

**Thursday, October 27, 2005**

Departed Njoro for Nairobi to meet with Dr. Shivoga at P.B. Allen's.

Trained Dr. Shivoga on the use of the Palm Pilots.

Discussed his role and research component of the project.

**Friday, October 28, 2005**

Personal Day

**Saturday, October 29, 2005**

Personal Day

**Sunday, October 30, 2005**

Personal Day

Returned to P.B. Allen's for evening departure to US from Nairobi at 11:45 PM through London,

**Monday, October 31, 2005**

Departed London for Washington DC and Denver, CO

Arrived Laramie WY 5:30 PM