

M E M O

TO: Board of Directors

FROM: District Manager

SUBJECT: EDUCATION GRANT PROGRAM FINAL PROJECT REPORT;
RUGGEDIZED LAPTOP FOR WATERSHED STUDIES

DATE: March 22, 2007

RECOMMENDATION

It is recommended that the Board of Directors review this memo and accept the Education Grant Program Final Project Report for "Ruggedized Laptop for Watershed Studies."

BACKGROUND:

At the April 20, 2006 Board of Directors Meeting, your Board awarded Education Grant Program funds in the sum of \$2,500.00 to Jane Orbuch, Watershed Academy, San Lorenzo Valley High School for a project entitled "Ruggedized Laptop for Watershed Studies." Said project provided for the purchase of a ruggedized laptop computer for field use by students and staff.

On March 12, 2007 the District received Ms. Orbuch's Final Project Report. See Attachment 1. Actual project cost relative to this project has been revised to \$2,401.00. It is recommended that your Board receive and accept the Education Grant Program Final Project Report for "Ruggedized Laptop for Watershed Studies."

James A. Mueller
District Manager

JAM/bsb

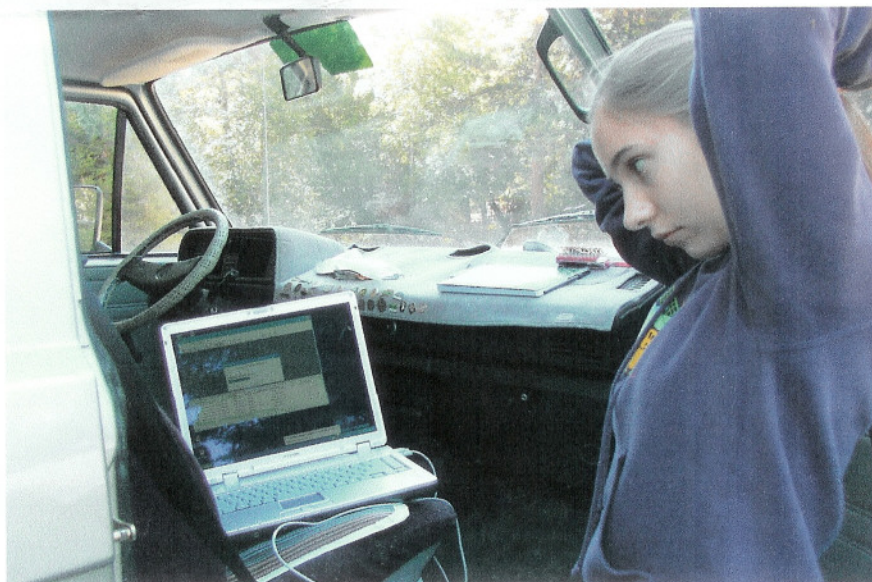
Ruggedized Laptop for Watershed Studies Final Report

To the San Lorenzo Valley Water District,

3/12/07

I would very much like to thank the San Lorenzo Valley Water District for their generosity and foresight in funding the purchase of a Ruggedized Laptop for use by Watershed Academy students at San Lorenzo Valley High School. The laptop was purchased last June, and myself and the school tech person set up the computer and internet capability and installed software.

The computer was used by Don Alley, fisheries biologist and Watershed Academy Mentor, and one of my Watershed Monitoring students to program and download Hobos used to remotely monitor water temperature along the San Lorenzo River. Danielle has entered her science project analyzing the downloaded temperature data and correlating it to salmoniid size, in the County Science Fair this weekend and the Monterey Bay Sanctuary Symposium two weeks ago. The computer was used in a vehicle (using Auto/Air Adapter) to program Hobos and the sunlight viewable screen was incredible helpful.



The computer is now being housed in the Aquaculture classroom at the high school where it is being used by Aquaculture students to collect Wetland Pond data to satisfy State Water Quality Control board requirements that the high school reduce its nitrate load in our septic system.



The Ruggedized laptop is also being used to collect fish data at the Fish Trap near Henry Cowell State Park. Data is entered into a Microsoft access data base and used by California State Department of Fish and Game, NOAA Marine Fisheries, Monterey Bay Salmon and Trout Project and students analyzing migration data. Students are also entering years of Fish Trap data that has not been digitized, but stored on paper in 3-ring binders.



Once again Watershed Academy students and staff would like to thank the Water District for providing us this wonderful piece of technology that works like a charm out the in field—it certainly enhances and makes possible field work and data analysis on the conditions of the San Lorenzo Valley Watershed not open to us in the past.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jane Orbuch". The signature is fluid and cursive, with a large loop at the beginning.

Jane Orbuch
Watershed Academy Instructor

From: "Group Mobile Int'l, LLC" <adoyle@groupmobile.com>
Subject: **Invoice from Group Mobile Int'l**
Date: June 22, 2006 1:43:43 PM PDT
To: jorbuch@slvhs.slv.k12.ca.us
Reply-To: "Group Mobile Int'l, LLC" <adoyle@groupmobile.com>
1 Attachment, 19.9 KB

Dear Customer :

Your invoice is attached.

Thank you for your business - we appreciate it very much.

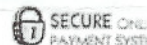
Sincerely,

Group Mobile Int'l
480-705-6100

Pay Online



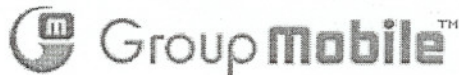
Pay online now. It's fast, easy, and safe. Click Pay Online to [learn more.](#)



To view your invoice

Open the attached PDF file. You must have [Acrobat® Reader®](#) installed to view the attachment.

Invoice



Date	Invoice #
6/9/2006	4172

Bill To	Ship To
WATERSHED ACADEMY ATTN: JANE ORBUCH 7105 HIGHWAY 9 FELTON, CA 95018	WATERSHED ACADEMY ATTN: JANE ORBUCH 7105 HIGHWAY 9 FELTON, CA 95018

	P.O. No.	Terms	Due Date	Ship Date	Ship Via
	WATERSHED	CHECK IN ADV...	6/9/2006	6/23/2006	GROUND
Item	Description		Qty	Rate	Amount
System	PANTHER 5000 - 1.6GHz		1	2,184.00	2,184.00
Add-On	AC ADAPTER		1	79.00	79.00
Add-On	AUTO/AIR ADAPTER		1	105.00	105.00
Shipping	SHIPPING & HANDLING		1	33.00	33.00