

**QUARTERLY PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION**

General Information		
<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b>  Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b>  26-43-B10564	<b>3. DUNS Number</b>  147738876
<b>4. Recipient Organization</b>  EASTERN U P INTERMEDIATE SCHOOL DISTRICT 315 ARMORY PL, SAULT SAINTE MARIE, MI 49783-2005		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b>  03-31-2011	<b>6. Is this the last Report of the Award Period?</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No	
<b>7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Tracy McCord	<b>7c. Telephone (area code, number and extension)</b>  906-632-3373	
	<b>7d. Email Address</b>  tmccord@eup.k12.mi.us	
<b>7b. Signature of Certifying Official</b>  Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b>  05-26-2011	

**Project Indicators (This Quarter)**

**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

**Netbook Distribution:**  
 A total of 1,144 netbook computers were distributed in five schools during this quarter.

**Training Sessions:**  
 Every student who received a netbook attended a meeting that included information on broadband technology, internet safety, the expectations of the grant (what you can and cannot do with your netbook), and the Lighthouse.net voucher program. During this quarter 1,144 students attended the student meetings.

Prior to distributing netbooks at schools, parent meetings were held. Approximately 70 parents attended the parent meetings, although only 62 signed the sign in sheets. We forgot to do sign in sheets at the two smallest schools included in the grant. Some schools chose to make the parent meeting mandatory, others made it optional. Even though we have distributed netbooks at only a few schools, the largest school district is finished and approximately one third of the netbooks in the project have been distributed to the students.

Teacher professional development sessions were held in many schools this quarter in preparation of the netbook distribution. A total of 264 educators attended the trainings.

**Establishment of Baseline Data:**  
 Students and parents completed the pre-survey about home broadband access and service as part of the training sessions. The data has not been analyzed at all yet since many more netbooks will be distributed next quarter and so many more baseline survey data will be gathered.

**2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	Overall Project	39	The timing of the distribution is at least six weeks later than we planned. We thought we would distribute all of the student netbooks during this quarter, but we encountered resistance to the timing in our plan in a couple of school districts and the technology preparation needed in the school districts is taking longer than anticipated.
2.b.	Equipment / Supply Purchases	-	Progress reported in Question 4 below
2.c.	Awareness Campaigns	-	Progress reported in Question 4 below
2.d.	Outreach Activities	-	Progress reported in Question 4 below
2.e.	Training Programs	-	Progress reported in Question 4 below
2.f.	Other (please specify):	-	Progress reported in Question 4 below

**3. Please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

Two school districts (St. Ignace and JKL Bahweting) asked that we delay the distribution of the netbooks to provide their technology departments an opportunity to try to upgrade the wireless infrastructure at the school. St. Ignace is attempting to pass a technology bond in the upcoming May election to fund their upgrades. To the best of my knowledge at this time, both of these schools will be part of the netbook distributions in the next quarter (by the end of this school year). One school district (Rudyard) asked for much more time to upgrade their wireless infrastructure and look at sustainability models. After many conversations with the Rudyard superintendent, we have compromised on the time line of the project in his school. The Rudyard students will receive netbooks at the beginning of the school year next September.

While the requested delays affect the time line of distribution, the schools are important stakeholders in our BTOP grant. Negotiating a compromise with the Rudyard superintendent and providing a little extra time for St. Ignace and JKL Bahweting technology staff has maintained, and perhaps even improved, our working relationship with the educators at these schools.

The largest challenge has been a migration to Active Directory. We have had Novell in place for a long time and the decision was made prior to our BTOP award to move from Novell into Active Directory. The actual move into Active Directory is being done

concurrently with the distribution of the netbooks. The concurrence of the implementation of Active Directory and the netbook distribution is not ideal and was not planned. The technology staff responsible for installing new servers for Active Directory and migrating all accounts to Active Directory can only complete about one per week. Active Directory must be in place at the schools for the Blue Coat filter and the Stoneware cloud, both critical components of our BTOP project, to work. We have the technical expertise to do the work, we just do not have the employee hours to do the Active Directory work quickly. Our first parent meetings have not been well attended. We suspect that lack of communication between the school and parents is the main reason. We began to provide flyers to the schools to send home to advertise the meetings. We have also learned that when schools tell students the meeting is mandatory, the turnout is much better. We have videotaped the parent meeting and made it available on the websites of two of our schools so parents that could not attend could watch it online.

**4a. In the chart below, please provide the requested information on your BTOP grant-funded SBA activities. Please also provide a short description of the activity (600 words or less). Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please ensure that the numbers of new household subscribers and business or community anchor institution (CAI) subscribers reflected in the "Total" row represent the unduplicated number of new subscribers that can be attributed to your SBA project as a whole.**

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
Student Distribution Meeting	Sault High School	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	800	672	6	0
Student Distribution Meeting	Sault Middle School	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	400	355	0	0
Student Distribution Meeting	Malcolm Alternative High School	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	71	24	0	0
Student Distribution Meeting	DeTour School	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	102	84	0	0
Student Distribution Meeting	St. Mary's School	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	6	5	0	0
Student Distribution Meeting	Immanuel Lutheran	Introduction to the grant, netbook user expectations, internet safety, lighthouse voucher program, cloud computing, hand out the netbooks, students log in to active directory and the cloud, home broadband pre-survey	4	4	0	0
Parent Meeting	Sault High School	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	600	22	0	0
Parent Meeting	Sault Middle School	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	300	4	0	0
Parent Meeting	Malcolm Alternative High School	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	60	2	0	0
Parent Meeting	Detour/ Drummond Island	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	80	18	0	0
Parent Meeting	St. Mary's School	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	6	6	0	0
Parent Meeting	Immanuel Lutheran	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	4	4	0	0
Parent Meeting	Mackinac Island	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	30	23	0	0
Parent Meeting	Cedarville	Introduction to the grant, 21st century skills, netbook user expectations, internet safety, lighthouse voucher program, home broadband pre-survey, question and answer time	120	10	0	0

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
Day 1 Teacher Training	EUPISD	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	10	2	0	0
Day 1 Teacher Training	Brimley	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	22	19	0	0
Day 1 Teacher Training	Mackinac Island	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	12	12	0	0
Day 1 Teacher Training	Rudyard	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	70	68	0	0
Day 1 Teacher Training	St. Ignace	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	22	22	0	0
Day 1 Teacher Training	Engadine	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	14	13	0	0
Day 1 Teacher Training	Ojibwe	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	9	9	0	0
Day 1 Teacher Training	Pickford	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	18	16	0	0
Day 2 Teacher Training	EUPISD	Parent and student communications, cloud computing, web 2.0 tools for education, copyright and fair use law, future technology	40	26	0	0
Day 2 Teacher Training	Brimley	Parent and student communications, cloud computing, web 2.0 tools for education, copyright and fair use law, future technology	22	20	0	0
Day 2 Teacher Training	Mackinac Island	Parent and student communications, cloud computing, web 2.0 tools for education, copyright and fair use law, future technology	12	12	0	0
Day 1 Teacher Training	Sault High	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	90	82	0	0
Day 1 Teacher Training	DeTour	Introduction to broadband, hopes and fears activity, foundational one to one computing philosophy, getting started in one to one computing	17	14	0	0
<b>Total:</b>			<b>2,941</b>	<b>1,548</b>	<b>6</b>	<b>0</b>

**4b. Please describe your method for determining the number of households, businesses, and/or (CAIs) subscribing to broadband as a result of your SBA programs (600 words or less).**

Lighthouse.net is our internet service provider vendor partner for this project. Lighthouse.net is only one of 4 major providers (AT&T, Charter, CenturyLink and Lighthouse) in our region. There are also at least 8 smaller providers in the region. During this quarter 25 households have attempted to use the vouchers provided by Lighthouse.net. The vouchers offer residential customers \$100 off the equipment to get broadband service in their home. Of the 25 attempts, only 6 were located in an area where broadband service could be provided. I attributed all 6 of these to Sault High in the table above. I don't really know that all 6 are families with students at Sault High, but it is a logical guess based on the primary service area of Lighthouse.net and on the locations of the netbook distributions. It is probable that we have more than 6 new subscribers, but that cannot be verified because the other internet service providers will not provide subscribership data. To the best of my knowledge the other requests for broadband service were not met because the families lived in an area where no service is offered. Again, since other internet service providers will not provide data, I don't know this for sure. Perhaps they live in an area served by another provider, but it is more likely that no service is available yet in their area.

**4c. Please provide a narrative explanation if the total number of new subscribers is different from the targets provided in your baseline plan (600 words or less).**

Our baseline plan was 350 new subscribers per quarter. We are behind our target because we do not have all the netbooks out to families yet. We plan to do several community workshops during the three years of the grant, but need to focus on getting the netbooks out first. Also, we have some ideas for competitions that will involve student and even family use of the netbooks. The earliest we will be able to offer community workshops or netbook competitions will be this summer.

**4d. Please provide the number of households and the number of businesses and CAIs receiving discounted broadband service as result of BTOP funds.**

Households: 0

Businesses and CAIs : 0

**Project Indicators (Next Quarter)**

**1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).**

We plan to distribute netbooks at 12 more schools during the next quarter. This will involve parent and student meetings at each school. We also have a few BTOP teacher training sessions to finish up.

As time allows, we will make a few classroom visits to some of the schools that first received netbooks to see how the teachers are using them. At some schools the administrators have communicated expectations about regular technology integration in lessons and at other schools the administrators have not done that. From the teacher training, we know that some teachers have great plans to integrate the netbooks and others are less interested. It depends on both the subject matter taught and the comfort level of the teacher with technology and change. Seeing a few classrooms in action will start to give us an idea of the effectiveness of the teacher training as well as the level of netbook use in school. Since we are still handing out the netbooks for all of next quarter, we will have limited time and just visit a few classrooms. During the next school year we will do more classroom visits. We will also begin to analyze the survey data, which is about residential broadband subscription of the families getting netbooks. The data will be used to try to increase subscriptions by working both with internet service providers to educate them about areas without service and with families the educate them about what services may be available in their area.

**2. Please provide the percent complete anticipated for the following key milestones in your project as of the end of the next quarter. Write "0" in the second column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the planned percent complete is different from the target provided in your baseline plan (300 words or less).**

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	Overall Project	66	We are behind our planned time line due to the challenges described above. During the next quarter we should purchase netbooks for 12 of the 13 schools that remain. The Rudyard netbooks will probably be purchased later in the summer.
2.b.	Equipment Purchases	-	Milestone Data Not Required
2.c.	Awareness Campaigns	-	Milestone Data Not Required
2.d.	Outreach Activities	-	Milestone Data Not Required
2.e.	Training Programs	-	Milestone Data Not Required
2.f.	Other (please specify):	-	Milestone Data Not Required

**3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).**

We are running out of time left in this school year. The challenge is to get all of the netbooks ready and the school networks ready to hand out the devices.

**Sustainable Broadband Adoption Budget Execution Details**

**Activity Based Expenditures (Sustainable Broadband Adoption)**

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Personnel	\$604,650	\$235,050	\$369,600	\$65,625	\$14,476	\$51,149	\$165,525	\$23,476	\$142,049
b. Fringe Benefits	\$375,059	\$84,660	\$290,399	\$36,069	\$3,807	\$32,262	\$94,070	\$5,807	\$88,263
c. Travel	\$75,000	\$15,000	\$60,000	\$8,901	\$1,786	\$7,115	\$20,901	\$5,786	\$15,115
d. Equipment	\$2,827,440	\$565,488	\$2,261,952	\$1,408,435	\$77,050	\$1,331,385	\$2,477,440	\$350,000	\$2,127,440
e. Supplies	\$28,515	\$6,975	\$21,540	\$1,837	\$0	\$1,837	\$2,337	\$500	\$1,837
f. Contractual	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
g. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Other	\$48,420	\$38,564	\$9,856	\$18,786	\$18,750	\$36	\$20,000	\$19,964	\$36
<b>i. Total Direct Charges (sum of a through h)</b>	\$3,959,084	\$945,737	\$3,013,347	\$1,539,653	\$115,869	\$1,423,784	\$2,780,273	\$405,533	\$2,374,740
<b>j. Indirect Charges</b>	\$481,860	\$330,000	\$151,860	\$174,711	\$74,711	\$100,000	\$250,000	\$150,000	\$100,000
<b>k. TOTALS (sum of i and j)</b>	\$4,440,944	\$1,275,737	\$3,165,207	\$1,714,364	\$190,580	\$1,523,784	\$3,030,273	\$555,533	\$2,474,740

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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