U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	56-50-M09016
Performance Progress Report	4. Report Date (MM/DD/YYYY)
	07-30-2011

1. Recipient Name	6. Designated Entity On Behalf Of:
EdLab Group Foundation	Wyoming

3. Street Address	8. Final Report?	9. Report Frequency
19020 33rd Avenue West, Suite 210,	○ Yes ◉ No	◉ Quarterly ○ Semi Annual ○ Annual ○ Final

5. City, State, Zip Code		
Lynwood, WA 98036-4754		

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
11-01-2009	10-30-2014	06-30-2011	N/A

10. Broadband Mapping   10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
0	0	0	0	0	0

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? ○ Yes ◉ No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? ◉ Yes ○ No

10d. If so, describe the discussions to date with each of these providers and the current status

On April 1, 2011, the LinkWYOMING team submitted the third round of SBI data - collected and processed throughout Q1. Q2 was therefore not an active data collection quarter. As a result, the following non-participating providers are identical to those shown in the Q1 PPR.

** Lariat.net: Telephone/email discussions to encourage participation. Status: Declined and will try again in Round 4.
** Jackson Hole CompuNet: Telephone/email discussions to encourage participation. Status: Declined and will try again in Round 4.
** Wyoming Internet Resources: Telephone/email discussions to encourage participation. Status: Declined and will try again in Round 4.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

The data collection/processing team continues to follow procedures that are common to the four LinkAMERICA state projects. Provider and CAI data is augmented with third party data sources when that data is either unavailable or insufficient from the provider. We use information on infrastructure points and common engineering principles to extrapolate and estimate coverage for those providers. However, changes are only made to supplier-provided data if we can independently verify that our own data is more accurate. We also collect the general public's input via location-specific feedback mechanisms on the state interactive map (discussed below in the verification section).

10f. Please describe the verification activities you plan to implement

Verification procedures are consistent from round to round, although improvements are made as new processes are identified. These four main categories of verification procedures have been explained in past reports and are listed again below.

** Third Party Data Comparison: As data arrives from providers, we compare it to commercial data sources to identify obvious anomalies or areas for further investigation. An example would be the comparison of an Incumbent Local Exchange Carriers' (ILEC) reported coverage area boundaries with the legal exchange areas shown in the commercial ExchangeInfo data product. Coverage footprints of wireless providers are compared against AmericanRoamer database. This process occurs with each data collection round.

** Provider Validation: Check maps and other tools are produced at the beginning of each data collection round based upon prior submissions. In Q2 2011 LinkAMERICA added the ability to supply check maps in Google Earth format, allowing providers to update coverage boundaries directly within the check map file itself. This new process will be used in the Round 4 data collection period beginning in July 2011, and will occur with each subsequent data collection round.

** Data Format Verification: It is important that data be formatted correctly in order to be properly received by NTIA. Proprietary and NTIA-supplied scripts are therefore run against the final data set prior to submission to ensure the data meets NTIA data model requirements. This process occurs with each data collection round.

** Consumer Feedback/Verification: The LinkWYOMING interactive map contains a user feedback mechanism that identifies the precise coordinates of each point of feedback. As user feedback arrives, we are able to identify and investigate areas where consumer feedback is in conflict with provider data. This process occurs with each data collection round.

10g. Have you initiated verification activities? ⦿Yes ◯No

10h. If yes, please describe the status of your activities

In all four LinkAMERICA states, the above activities are performed in each data collection round. In Q3 2011 an expanded consumer feedback layer will be added to the LinkWYOMING interactive map. This layer will publicly display the results from all user feedback submissions and will incorporate speed testing into the feedback form, allowing us to identify and investigate areas where consumer and provider data conflicts.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

The verification activities above have been performed on all previous rounds. In the future, verification will be enhanced as follows:

** Improved user feedback form and display layer: As mentioned above, a new layer is being added to the state interactive map to display the location of user feedback points and offering outside verification of provider claims. The feature will be released in Q3 2011.

** Mobile Wireless Broadband Drive Testing: This process will use a special device from a vendor to test signal strength and bandwidth/throughput on multiple mobile wireless signals at the same time. This technology will be used in areas where there is a large discrepancy between provider-reported coverage/speed and consumer-reported coverage/speed to determine the actual coverage and speed characteristics. This commences in early 2012.

** Mobile Wireless Crowd Sourced Testing: This process will use a proprietary smart phone application, provided by an outside vendor, to constantly check signal strength and bandwidth/throughput on users' mobile phones. The application will be available on multiple phone platforms and will be downloadable by consumers in each LinkAMERICA state. It runs in the background on the consumer's phone and does not impact phone performance. Data is sent from the vendor to LinkAMERICA for use in validating provider coverage and speed reports. This commences in early 2012.

Staffing

10j. How many jobs have been created or retained as a result of this project?

An analysis of actual hours worked in Q2 2011 shows that the project resulted in 0.55 FTE jobs created/retained at the Sub Recipient level for the quarter. An additional 0.15 FTEs were created/retained at the Prime Recipient level for a grand total of 0.70 FTEs. It should be noted that this figure does not include positions staffed by second tier vendors involved in the project.

10k. Is the project currently fully staffed? ⦿Yes ◯No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

N/A

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

N/A

10n. Staffing Table

Job Title	FTE %	Date of Hire
Sub Recipient CEO - Supervisory Role	1	11/01/2009
Sub Recipient Project Director	2	11/01/2009
Sub Recipient Project Manager	22	11/01/2009
Sub Recipient GIS Director	7	11/01/2009
Sub Recipient Internal System Support/Architecture	6	11/01/2009
Sub Recipient Provider Relations Manager	17	11/01/2009
Prime Recipient Executive Director	6	11/01/2009
Prime Recipient Operations Manager	1	11/01/2009
Prime Recipient Contracts Coordinator	4	11/01/2009
Prime Recipient Project Manager	4	11/01/2009

Add Row		Remove Row

Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
CostQuest Associates Inc./LinkAMERICA Alliance	Project Management/GIS Programming & Planning Services	N	Y	11/01/2009	10/31/2011	1,052,284	157,211

Add Row	Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $1,138,144   10q. How much Remains? $3,015,689

10r. How much matching funds have been expended as of the end of last quarter? $421,113   10s. How much Remains? $617,351

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	$270,095	$200,474	$470,568	$41,501	$169	$41,670
Personnel Fringe Benefits	$67,524	$7,682	$75,206	$8,715	$35	$8,750
Travel	$17,920	$0	$17,920	$1,223	$0	$1,223
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$4,968	$0	$4,968	$61	$184	$245
Subcontracts Total	$3,667,506	$229,550	$3,897,006	$1,052,284	$157,211	$1,209,495
Subcontract #1	$3,667,506	$229,550	$3,897,006	$1,052,284	$157,211	$1,209,495
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$507,155	$507,155	$20,803	$252,487	$273,290
Total Direct Costs	$4,028,013	$944,811	$4,972,824	$1,124,587	$410,086	$1,534,673
Total Indirect Costs	$125,820	$93,653	$219,473	$13,557	$11,027	$24,584
Total Costs	$4,153,833	$1,038,464	$5,192,297	$1,138,144	$421,113	$1,559,257
% Of Total	80	20	100	73	27	100

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application?   ◉Yes ○No

10v. If yes, please list

Laptop computer and software for Sub Recipient Project Manager (Wyoming allocated portion): $352.78
Laptop computer and software for Sub Recipient Vendor Relations Manager (Wyoming allocated portion): $339.48

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

We do not anticipate the purchase of any additional hardware/software for the project.

10x. Has the project team purchased or used any data sets? ◉Yes ○No

10y. If yes, please list

** American Roamer: Market area boundary and speed data on mobile cellular providers - $5147
** Media Prints: Cable franchise boundary database - $500
** ExchangeInfo: Legal exchange area boundary database for Incumbent Local Exchange Carriers - $3805

10z. Are there any additional project milestones or information that has not been included? ◉Yes ○No

10aa. If yes, please list

** Data Submittal for Round 3: The third round of data (with coverage information current as of 12/31/10) was successfully collected, processed and submitted to NTIA on time on April 1, 2011. Status: Completed.
** Round 4 data collection process initiated: On July 11, 2011 notification was sent to all Wyoming providers regarding the start of Round 4 of the data collection process. The deadline for submittal is mid-August. Status: Completed by October 1, 2011.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

In the second quarter of 2011, the LinkAMERICA Alliance did not experience any significant challenges or obstacles. However, as has been mentioned in reports for other LinkAMERICA states, we anticipate a high level of additional work to transition provider data from Year 2000 Census Blocks to 2010 Census Blocks.   We do not anticipate any serious setbacks in this effort, but it will be time consuming.   We will report our progress against this obstacle in next quarter's report.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

As reported for all four LinkAMERICA states, consumers and providers are raising concerns about the frequency in which the National Broadband Map (NBM) is updated. Providers are particularly concerned that the Round 3 data has not yet appeared on the NBM and that consumers and policy makers won't be properly informed on their most recent efforts to expand broadband access.

11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status

All Planning activities listed in the Q1 report have continued through Q2. The following provides a status for each task:

** Key Stakeholder Interviews: Identify and interview influential cross-disciplinary stakeholders within the state to determine most critical barriers to broadband expansion and adoption. Due: June 2010. Status: Complete.
** Publish Initial Broadband Vision Summary: publish draft, review with stakeholders and state, and then finalize summary report of emerging state broadband priorities. Due: August 2010. Status: Complete.
** Wyoming Consumer Broadband Survey: A statistically significant study of consumer internet usage and attitudes to help direct broadband planning. Due: December 2010. Status: Complete.
** Facilitate Regional Planning Teams: Divide the state into appropriate regions and recruit local stakeholders and other in-state partners to draft regionally specific broadband development plans. Due: January 2010. Status: Complete.
** Recruit in-state sponsor: Identify and formalize relationship with in-state entity to assist in deployment of regional plans throughout the state in years 3-5 and beyond. Status: Completed (the State of Wyoming Office of the Chief Information Officer has agreed to assume this responsibility.
** Publish Regional Broadband Investment Plans: Work with Regional Planning Teams (RPT) to identify most productive short-term activities to expand broadband access and adoption in each region. Document steps to implement those activities and release final report to the public. Due: Q4 2011. Status: Underway.

11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing

The Planning team did not experience any significant challenges or obstacles in Q2 2011. The process continues to move forward on schedule in all seven Wyoming regions.

11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning? ○Yes ◉ No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

We do not anticipate changes to the project plans for Years 1-2 or the Supplemental Capacity Building period (Years 3-5).

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? $0

11f. How much Remains? $0

11g. How much matching funds have been expended as of the end of last quarter? $0

11h. How much Remains? $0

11i. Planning Worksheet						
Personal Salaries	$0	$0	$0	$0	$0	$0
Personnel Fringe Benefits	$0	$0	$0	$0	$0	$0
Travel	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$0	$0	$0	$0	$0	$0
Subcontracts Total	$0	$0	$0	$0	$0	$0
Subcontract #1	$0	$0	$0	$0	$0	$0
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0
Total Direct Costs	$0	$0	$0	$0	$0	$0
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$0	$0	$0	$0	$0	$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?
The EdLab Group has been granted an extension for the filing of Wyoming's Detailed Project Plan - which is now due on July 31, 2011. Full details of the Capacity Building effort will be included in that plan. As described in past reports, the following activities will be detailed:

** Build in-state Capacity Training Resources: Partner with in-state training partner(s) to design, build and deploy specialized training resources to: 1) Expand capacity of Wyoming's small business sector to access, adopt and utilize broadband, 2) Improve capacity of Regional Planning Teams to advance current and future targeted broadband investments, 3) Strengthen regional leadership capacity to successfully identify and receive broadband-related grant resources, 4) Build in-state capacity for the sustainable use and future development of the broadband planning tools developed for Regional Planning Teams, 5) Build capacity to access, adopt and utilize monitoring and evaluation tools created for Wyoming in years 3 through 5.
** Develop robust Broadband Monitoring and Evaluation (M&E) modules to track program achievement: LinkWYOMING will seek a qualified vendor to assist with the design and implementation of a research process to monitor the progress of broadband investment activities and evaluate the resulting outcomes and impacts.
** Establish a State Broadband Coordinator's office to coordinate the activities of the Capacity Training, Monitoring and Evaluation, and the ongoing Regional Planning Process. This full time, in-state staff member will: 1) Provide a "statewide awareness clearinghouse" for broadband development activities and funding opportunities, 2) Track best practices from within state and coordinate the implementation of those practices within each region, 3) Log and communicate policy-related developments to the LinkWYOMING advisory team, regional teams, and all other stakeholders, 4) implement statewide program communications strategy.
11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

No challenges have yet been encountered in promoting program goals.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project

N/A

12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents.	
12a. Typed or Printed Name and Title of Authorized Certifying Official Karen Peterson CEO/Executive Director	12c. Telephone (area code, number, and extension) 425-977-4750
	12d. Email Address kpeterson@psctlt.org
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 08-22-2011