

**U.S. DEPARTMENT OF COMMERCE**

**Performance Progress Report**

2. Award Or Grant Number

54-50-M09012

4. Report Date (MM/DD/YYYY)

01-12-2011

1. Recipient Name

West Virginia Geological and Economic Survey

6. Designated Entity On Behalf Of:

N/A

3. Street Address

1 Mont Chateau Road,

8. Final Report?

Yes

No

9. Report Frequency

Quarterly

Semi Annual

Annual

Final

5. City, State, Zip Code

Morgantown, WV 26508-8079

7. Project / Grant Period  
Start Date: (MM/DD/YYYY)

10-01-2009

7a. End Date: (MM/DD/YYYY)

09-30-2014

7b. Reporting Period End Date:

12-31-2010

9a. If Other, please describe:

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

We've engaged providers that failed to provide data. Most were small companies that had trouble providing data. We have provided and assisted them with alternate solutions, and they were able to supply us their data. We received data from all companies with a large footprint in the state. All companies but one have submitted complete information.

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

N/A

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

Our contractor runs reporting tools on the completed normalized datasets provided from State GIS staff to generate information to send back to providers to review. Providers have a predetermined number of days to review the information and re-submit any comments back to the contractor and/or the State. The contractor is using third party datasets to fill in gaps within the data for providers not submitting data, and to compare to datasets being compiled from the data collected from the providers. The State's current State Addressing and Mapping Board (SAMB) structure and road GIS layers are compared to the broadband coverage areas. Areas with very little broadband coverage and a significant population density are flagged for further review or follow up. The SAMB data sets, including digital orthophotography, are also utilized, if necessary, to validate location of community anchor institutions.

10g. Have you initiated verification activities?  Yes  No

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

A determination was made of the use of randomly surveying a set businesses and consumers across all providers to gather information about service availability, experience and quality. To continue to improve data quality and verification, L.R. Kimball works with the State to determine, if necessary, the most effective process to perform limited on the ground sampling of coverage. Our contractor selects sample areas and verifies the presence and attributes of the provider's service using commercial datasets. This involves both a rural and urban sampling and determination of serviced addresses or points relative to the presence of provisioning equipment.

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

N/A

**Staffing**

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

2.10 during this quarter using ARRA formulas

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

At this point there is no impact because we have not initiated activities related to the second round. Our aim is to be fully staffed by late March 2011

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

10

10n. Staffing Table

Job Title	FTE %	Date of Hire
GIS State Coordinator	24	02/01/2009
Office Assistant	17	07/01/2001
Geologist V	4	07/01/1972
GIS Program Analyst	1	04/01/1996
GIS Program Analyst	75	08/01/1995
GIS Technician	10	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
L Robert Kimball & Associates	Provide Data Verification, analysis and web application development	N	Y	04/01/2010	03/31/2011	364,000	0

Add Row

Remove Row

### Funding

10p. How much Federal funding has been expended as of the end of the last quarter? \$418,193      10q. How much Remains? \$4,330,988

10r. How much matching funds have been expended as of the end of last quarter? \$351,169      10s. How much Remains? \$836,126

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	\$542,978	\$0	\$542,978	\$47,784	\$0	\$47,784
Personnel Fringe Benefits	\$183,217	\$0	\$183,217	\$16,259	\$0	\$16,259
Travel	\$34,048	\$0	\$34,048	\$7,716	\$0	\$7,716
Equipment	\$116,000	\$0	\$116,000	\$34,335	\$0	\$34,335
Materials / Supplies	\$83,550	\$0	\$83,550	\$307	\$0	\$307
Subcontracts Total	\$2,104,000	\$0	\$2,104,000	\$100,327	\$0	\$100,327
Subcontract #1	\$2,104,000	\$0	\$2,104,000	\$100,327	\$0	\$100,327
Subcontract #2	\$0	\$0	\$0	\$0	\$0	\$0

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
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	\$1,610,000	\$1,187,295	\$2,797,295	\$203,089	\$351,169	\$554,258
Total Direct Costs	\$4,673,793	\$1,187,295	\$5,861,088	\$409,817	\$351,169	\$760,986
Total Indirect Costs	\$75,388	\$0	\$75,388	\$8,376	\$0	\$8,376
Total Costs	\$4,749,181	\$1,187,295	\$5,936,476	\$418,193	\$351,169	\$769,362
% Of Total	80	20	100	54	46	100

### Hardware / Software

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

10v. If yes, please list

A wide-format scanner has been purchased (\$15,161.00) but awaits a network connection for installation

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

Permission has been requested from the WV Office of Technology (OT) to purchase a server and ArcGIS Server software to run both the public interactive mapping application and the internal mapping and analysis applications. Approval will be also be requested from OT to purchase 2 high-end workstations and 4 high-resolution LCD flat panel displays for the Technical Assistance and Local Teams components of the grant. Additional GIS analytical software modules need to be purchased for these applications. Agency staff have been working to clarify, resolve, and optimize GIS software licensing issues to reduce costs.

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

10y. If yes, please list

Subscription datasets with quarterly updates were purchased from American Roamer (for wireless coverages) (\$7,357.00), American Digital Cartography, Inc. (for telco data) (\$5,000), and Budco (for cable data) (\$600.00)-- for the State of West Virginia. These datasets were purchased and paid for in the 2nd quarter of 2010, with a quarterly subscription update service included; updates are being received on a quarterly basis throughout the year An additional dataset will be purchased from InfoGroup for the Technical Assistance and Local Teams components of the grant.

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

10aa. If yes, please list

N/A

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

Major obstacle has been providers that did not submitting data early for the September 2010 deadline, we continued contacting providers and we were successful with all providers for the deadline submitting in a timely fashion. We are working with a provider that has been unable to supply a complete dataset. Frontier recently bought Verizon's wire assets in WV creating a "who has the data" problem. We believe this problem will be resolved for the March 2011 submission.

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

N/A

### 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

Of eight visioning meetings scheduled with a wide range of stakeholders we had three. Six Regional Technology meetings have taken place and there are three more scheduled for the next few months. results from visioning and regional technology meetings will dictate how many planning meetings we'll have.

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

The major challenge has been overcoming scheduling conflicts with stakeholders. mitigation strategies will include having meetings more with a small number of attendees instead of a few with a larger number.

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

N/A

### 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?

WVGES has been involved in planning activities, and is preparing an RFP for the Technical Assistance and Local Teams components of the grant. Also working with the Division of Personnel to hire a program manager and a grants management specialist.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

No obstacles at this time

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  Tony Simental  GIS State Coordinator	12c. Telephone (area code, number, and extension)  304 558-4218
12b. Signature of Authorized Certifying Official  Submitted Electronically	12d. Email Address  tony.a.simental@wv.gov  12e. Date Report Submitted (Month, Day, Year)  02-22-2011