ANNUAL PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	06-43-B10538	829939854

4. Recipient Organization

ZERODIVIDE 425 BUSH ST STE 300, San Francisco, CA 941083721

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Annual Report of the Award Period?
12-31-2013	◉ **Yes** ◯ **No**

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.

7a. Typed or Printed Name and Title of Certifying Official	7c. Telephone (area code, number and extension)
David Veneziano	
	7d. Email Address david@zerodivide.org

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	12-17-2013

PROJECT INDICATORS

1. Does your Sustainable Broadband Adoption (SBA) project foster a particular broadband technology or technologies? If so, please describe this technology (or technologies) (600 words or less).

TDV continues to support key community operations on reservations, and created over 350 miles of point-to-point and point-to-multi-point links supporting 86 tribal administration sites such as the EPA department, fire stations, law enforcement, libraries, schools and Head Start programs.

On the tribal lands, there are limited affordable choices for access to broadband speeds found in other communities. This is due, in part, to the mountainous terrain and communities that are located in extremely remote rural settings. There are no terrestrial broadband services available to fifteen of 17 reservations served by TDV. Two of the reservations are located adjacent to a broadband service, but it is cost-prohibitive and does not deliver adequate speeds. TDV's goals continue to include providing residents access to speeds up to 5 Mbps. The current configuration for TDV's system includes fixed broadband wireless point-to-point, and point-to-multi-point connections, using 2.4Ghz, 5.3 Ghz, 5.8 Ghz and FCC licensed spectrum.

2a. Please list all of the broadband equipment and/or supplies you have purchased during the most recent calendar year using BTOP grant funds or other (matching) funds, including any customer premises equipment or end-user devices. If additional space is needed, please attach a list of equipment and/or supplies. Please also describe how the equipment and supplies have been deployed (100 words or less).

Manufacturer	Item	Unit Cost per Item	Number of Units	Narrative description of how the equipment and supplies were deployed
n/a	n/a	0	0	n/a
Totals		0	0	

Add Equipment	Remove Equipment

2b. To the extent you distribute equipment/supplies to beneficiaries of your project, please describe the equipment/supplies you distribute, the quantities distributed, and the specific populations to whom the equipment/supplies are distributed **(600 words or less).**

As part of its Broadband Awareness and Training activities, TDV initiated an iPad/iPod give-away raffle program as an incentive for tribal member attendance and completion of training. To date they have distributed 6 devices. In addition, 14 tribal youth successfully completing the Shadow Project 2013 courses each received a MoJo Kit.

3. For SBA access and training provided with BTOP grant funds, please provide the information below. Unless otherwise indicated in the instructions, figures should be reported <u>cumulatively</u> from award inception to the end of the most recent calendar year. For each type of training (other than open access), please count only the participants who <u>completed</u> the course.

Types of Access or Training	Number of People Targeted	Number of People Participating	Total Training Hours Offered
Open Lab Access	43,500	40,220	0
Multimedia	284	162	133
Office Skills	140	126	140
ESL	3	0	0
GED	3	0	0
College Preparatory Training	266	235	266
Basic Internet and Computer Use	266	235	266
Certified Training Programs	0	0	0
Other (please specify): Broadband Awareness Trainings	901	209	8,917
Total	45,363	41,187	9,722

4. Please describe key economic and social successes of your project during the past year, and why you believe the project is successful thus far (600 words or less).

Tribal Digital Village (TDV) was able to launch its Shadow Project 2013, a digital media production training course featuring the use of MoJo Kits. Over the course of the year Project ran parallel courses in audio engineering techniques and video production. The production goal for Shadow Project was to generate oral history and news content specific to tribal interest and by Q2, TDV was able to

begin uploading content to the TDV web-based video repository for viewing by tribal members. Some of the content was distributed through TDV's web channel TDVToday or more public channels such as YouTube or Facebook.

5. Please estimate the level of broadband adoption in the community(ies) and/or area(s) your project serves, explain your methodology for estimating the level of broadband adoption, and explain changes in the broadband adoption level, if any, since the project began.

5a. Adoption Level (%):	Narrative description of level, methodology, and change from the level at project inception (600 words or less).
17	A subscriber baseline for the target population was established by utilizing the number of broadband subscribers to TDV's residential wireless broadband service, and the number of broadband subscribers utilizing other broadband services. Data is collected and managed through a customer service database that track home, anchor institution and business subscriptions. In addition TDV monitors traffic to its website, surveys broadband technology skills as a result of trainings and tracks use of broadband at community anchor institutions through sign up sheets.

6. Please describe the two most common barriers to broadband adoption that you have experienced this year in connection with your project. What steps did you take to address them (600 words or less)?

As TDV continued to expand its broadband outreach and training programs in to the most remote and less populated locations of the reservations, travel distance became key a factor in drawing larger audiences to attend. To address this issue TDV staff mounted a focused marketing campaign throughout the reservations to introduce communities to broadband availability in their area and began to use incentives such as the "iPad Giveaway" to drive interest and attendance to these training events.

Another challenge for TDV was its ability to keep up with the pace of demand for broadband service for new and existing and system upgrades to cover expanded service areas. To address this issue TDV hired additional contractors to do tower upgrades throughout its system and home installations. They were also able begin training 2 youth participants (Shadow Project participants) on servicing the system.

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7. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities. (150 words or less)

N/A

8. Please describe any best practices / lessons learned that can be shared with other similar BTOP projects (900 words or less).

-The Shadow Project 2013 featured the use of MoJo Kits. Originally adopted by Akaku (HI) in ZeroDivide's Generation ZD cohort funded through BTOP, the MoJo Kit has now seen adoption in to other sites as a cost effective means to create and distribute content. Its successful adoption is due in part to a willingness and encouragement of these organization to exchange learning and best practices. As a convener, ZeroDivide actively sought out opportunities for these groups to share methods and tools through in-person and virtual meeting spaces. Preliminary evaluation findings of ZeroDivide technical assistance to BTOP subrecipients has found that the convening and exchange service was one of the most valued services offered.