

Arkansas People Participating in Lead Activities (APPLE)

No-Cost Extension Final Report to the U.S. Environmental Protection Agency (EPA)

Grant Support: EPA AB 83405701-0

Project Dates: Oct 2008 - Sept 2009

9/30/2010

INTRODUCTION

APPLE applied and received a No-Cost extension under Grant Support: EPA AB 83405701-0 for additional lead activities in the state for a 12 month period -month from October 1st, 2009 to September 30th, 2010, with fund support of \$60,167, based on much needed, and continued lead activities in the State of Arkansas. The work that has been carried out over the 12 month extended period was the continua of the 2008-2009 efforts and within the scope and objectives of the original grant.

As you recall, we submitted 3 quarter reports and a final report last year, 2009. These can be found on our website. Below are the explanations of our activities under the No-Cost Extension.

A) Training and Certification for Project Director

We proposed to seek additional training for Dr. Alesia Ferguson and Barbara Gilkey of HIPPY and become certified as trainers under EPA Renovation, Repair and Painting Rule.

Under the initial grant efforts, Larry Palmer of the Department of Human Services (ADHS) provided the five lead-safe work practices trainings free on the grant. This year Dr. Ferguson provided the trainings under the new RRP rule. Previously, both Dr Ferguson and Barbara Gilkey received the eight-hour training on lead safe work practices numerous times, and also the "Train the Trainer" through Alliance Alert. However, to become a trainer, a minimum 16 hours training was required (e.g. worker training or greater).

Dr Ferguson received her 16-hr lead abatement worker training through the University of St. Louis in January 25-27, 2010 and following applied to the US. Environmental Protection Agency to be a

trainer under the RRP for both the refresher and initial course. These certifications were received in May and July of 2010. Applications to be certified required describing your course materials, training supplies, training location and testing routines. Dr. Ferguson, also took the opportunity to receive training through Daren Bryant of New York Environmental Training Institute to become a dust sampling technician on September 20th, 2010. As you know, some EPA RRP jobs may in the future require dust sampling for clearance instead of cleaning verification. Dr Ferguson may consider offering the dust sampling technician training to others after certification through EPA. Unfortunately, Mrs. Gilkey was not able to find time in her busy schedule to obtain training, and felt it was more important for Dr. Ferguson to receive these certifications.

Certifications for Dr. Alesia Ferguson

16-Hr lead abatement worker # WO 10/01/25-8974

RRP Initial Trainer Certification # NAT-RV-I-73222-1-EN

RRP Refresher Trainer Certification #NAT-RV-R-73222-1-EN

Dust Sampling Technician # DST-I-19029-10-00001

B) Lead Trainings

We initially proposed to hold two lead trainings in the city of Little Rock and North Little Rock. Over the course of the year we held two free initial trainings and two free refreshers based on the new RRP rule. Table 1 contains the dates of the training and the number of individuals trained under the new rule. Due to the nature of the course and the hands-on skill sets, the classes are kept relatively small. During training, Dr Ferguson had student of the Department Assistant assist with picture taking, sorting materials and skill sets. Those that attended the refresher were invited by the participants that were trained under APPLE in the previous year and were trained under the old EPA lead safe work practices by Larry Palmer. The trainings strictly followed the course outlined used by EPA for the new RRP rule. Dr Ferguson strictly followed the skills sets and all materials (e.g., 6-mil sheeting, personal protective equipment, lead test kits, verification cards, cleaning supplies, knives) were obtained or purchased for the trainings. Attendants received students manuals and various handouts (e.g., firm applications, excel sheets on costs, manufactures' instruction on lead test kits, post reporting forms) to use during the course and take home. In addition to the free trainings under this grant.

Table 1: RRP Training Classes

Date	Type	# Trained
May 21st at UAMS	Initial, 8hr training	17
May 26 th at UAMS	Initial, 8hr training	24
July 30 th , 2010	Morning Session	23
July 30 th , 2010	Afternoon Session	22
August 23rd	Initial, 8hr training, In conjunction with Village Commons	36 (not all certified, due to language barrier)
Total Individuals Trained		122

C) Community Workshops

Initially we proposed to hold two additional outreach workshops, in the cities of Little Rock and North Little Rock. However, based on need and recruiting efforts we held a total of 5 workshops across different cities. Table 2 contains the names of the Cities and attendance numbers. Also included are the number of pre-surveys collected from adults. The organization HIPPY did a tremendous job inviting their members and canvassing neighborhoods with flyers and speaking in person to community members. Everything went quite well. The audience was attentive, and had many questions and concerns at the end. Dr Ferguson presented in the cities of Hot Springs, Conway, West Memphis and Brinkley. Barbara Gilkey, director of HIPPY presented in the city of Camden and used a lead education video recorded by Dr Ferguson. The turnout in West Memphis was combined with a backpack handout for children returning to school, and resulted in an extremely good turnout, with 249 children who also received lead education outreach with songs and coloring. This large a turnout was not expected and we did run out of food.

Table 2: Summarized Attendance across City Workshops

Cities, all 2010	Adults	Children	Pre-surveys	Helpers/Partners
Hot Springs, April 19th	37	44	30 (13 in Spanish)	9
Conway, April 22 nd	22	22	21	7
Camden, April 29th	104	80	34	6
West Memphis, August 17th	111	249	89	7

Brinkley, August 24th	55	27	47	8
Total Count	329	422	221	N/A

Total Count of Attendees (Adults and Children =972)

Again Packages for parent included a variety of items such as

- 1) "Renovate Right"
- 2) "Lead" a HUD flyer printed through the APPLE grant
- 3) EPA's "What you need to Know about lead poisoning" (printed through the APPLE grant)
- 4) CDC's Questionnaire for lead screening, (printed by APPLE)
- 5) ADEQ Coloring books (donated by ADEQ or EPA) and crayons (printed with lead logo by APPLE)
- 6) Magnets, pencils, grab holders, or bottle openers with lead logo's (printed by APPLE)
- 7) ADEQ's flyers on Regulation 25 and "A Healthy Future for Arkansas Children" (donated by ADEQ)
- 8) Stuck to the front of the green folders were flyers designed and printed by APPLE. These flyers contained general tips on sources of lead, activities leading to lead exposure and tips for preventing lead poisoning.
- 9) EPA's Fight lead poisoning with a healthy diet, donated by EPA

D) Re-supply materials to the five cities currently supported through the grant.

We believe this is important because we previously identified these cities as in need of knowledge for contractors and other seeking permits for renovate. We want to keep these cities informed and supplied with materials as April 2010 rolls around and the new lead laws are enforced. We also want to collect additional signatures for contractors and do-it-yourself homeowners. These are the individuals we can also contract for training.

February 11th, Delivered 50 packages to the Chuck Givens at the city of Little Rock Housing Division

February 20th: Mailed 50 packages to the City of Pine Bluff, City Development

Cities of Helena, Marianna and North Little Rock did not need packages at that time. They are just not as active or pro-active at handing out materials.

Note that additional packages will be sent to the cities of Little Rock and North Little Rock, when they run out of supplies. Packages are already made and sitting in Dr. Ferguson office.

E) Other Grant Activities

- 1) Recorded Lead Video, by Dr Ferguson, Available on line
- 2) Head Start Presentation, 22nd of July, 2010, Embassy Suite, 1-hr presentation on Lead Hazards
- 3) Health Fair, Booth Event, May, 2010
- 4) Paper Publication and Submittal: Article was initially turned turn by Journal of Public Health but Dr. Ferguson re-submitted to Journal of Community Health (this is actually a higher rated Journal in this area). Volume and issue are not available as yet. DOI # is below.

Article Title: Arkansas People Participating in Lead Education (APPLE): Results of a Lead-Safe Training Program

Journal: Journal of Community Health

DOI: 10.1007/s10900-010-9317-7

- 5) Green the Block Booth Event, February 18th, 2010
- 6) Lead Article, May Issue, "New EPA Lead Paint Rule requires Certification", by Alesia Ferguson, page 52, City and Town Magazine
- 7) May 11th, Landlord Presentation in Morrilton
- 8) The Landlords association of Arkansas Spring Convention and Trade show Saturday April 17th at the NLR Wyndham Hotel. Although APPLE could not be present, David Kern of the Arkansas Department of Environmental Quality carried some of APPLE Flyers to hand out.
- 9) APPLE will be included in the 2011 EPA planner with a page layout.
- 10) Upcoming article in parenting in Arkansas, Gilkey, B. and Ferguson A. "Lead safety for Children", Fall 2010 issue.

F) Other Grant Information

APPLE teams has applied for two grants under EPA's "Targeted Grants to Reduce Childhood Lead Poisoning: EPA-HQ-OPPT-2009-06" for Data Gathering and Database development and for Training and Compliance. In July, 2010 APPLE received a two year grant from EPA Region 6 to the Data Gathering and Database development. This involves focusing on the collection of lead screening data from Head Start and educating practitioners and medical personnel on the importance of continued screening. In general, we have dealt with an onslaught of lead questions through e-mail

and phone calls by individuals wanting more information about the rule and various aspects of the law.

I think again we have had a great year working together and to improving conditions in Arkansas. As you can see we will continue to work on efforts through our next grant and look forward to additional ways and means to help Arkansas. We have additional data to publish from the parent workshop and other experiences here in Arkansas. We will continue to conduct lead workshops, we have one coming up October 25th in the city of Jacksonville. They have a HUD grant for community outreach. But we love these opportunities for collaboration and community outreach. Dr. Ferguson also offers RRP training now through the University at reduced cost of \$135. This is lowest cost on market, but it really helps the contractors/landlords and home owners comply with the law.

If you have any questions or clarifications, please feel free to contact me at 501.526. 6662.

Yours Truly

Alesia Ferguson