

PART I - FACE SHEET

APPLICATION FOR FEDERAL ASSISTANCE		1. TYPE OF SUBMISSION: Application <input checked="" type="checkbox"/> Non-Construction														
Modified Standard Form 424 (Rev.02/07 to conform to the Corporation's eGrants System)																
2a. DATE SUBMITTED TO CORPORATION FOR NATIONAL AND COMMUNITY SERVICE (CNCS):	3. DATE RECEIVED BY STATE: 04-JAN-11	STATE APPLICATION IDENTIFIER:														
2b. APPLICATION ID: 11ES123396	4. DATE RECEIVED BY FEDERAL AGENCY:	FEDERAL IDENTIFIER: 10ESHTN0010001														
5. APPLICATION INFORMATION																
LEGAL NAME: Knoxville Knox County Community Action Committee DUNS NUMBER: 139727627	NAME AND CONTACT INFORMATION FOR PROJECT DIRECTOR OR OTHER PERSON TO BE CONTACTED ON MATTERS INVOLVING THIS APPLICATION (give area codes): NAME: John D. Harris TELEPHONE NUMBER: (865) 546-3500 FAX NUMBER: (865) 546-0832 INTERNET E-MAIL ADDRESS: john.harris@knoxcac.org															
ADDRESS (give street address, city, state, zip code and county): PO Box 51650 2247 Western Ave Knoxville TN 37921 - 5756 County: Knox																
6. EMPLOYER IDENTIFICATION NUMBER (EIN): 626000700	7. TYPE OF APPLICANT: 7a. Non-Profit 7b. Community Action Agency/Community Action Program															
8. TYPE OF APPLICATION (Check appropriate box). <input type="checkbox"/> NEW <input type="checkbox"/> NEW/PREVIOUS GRANTEE <input checked="" type="checkbox"/> CONTINUATION <input type="checkbox"/> AMENDMENT If Amendment, enter appropriate letter(s) in box(es): <input type="text"/> <input type="text"/> A. AUGMENTATION B. BUDGET REVISION C. NO COST EXTENSION D. OTHER (specify below):	9. NAME OF FEDERAL AGENCY: Corporation for National and Community Service															
10a. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 94.006 10b. TITLE: AmeriCorps Fixed Amount Grant (State)	11.a. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Knox County CAC AmeriCorps															
12. AREAS AFFECTED BY PROJECT (List Cities, Counties, States, etc): Knoxville, Tennessee Knox County, Tennessee Blount County, Tennessee	11.b. CNCS PROGRAM INITIATIVE (IF ANY):															
13. PROPOSED PROJECT: START DATE: 08/15/11 END DATE: 06/30/12	14. CONGRESSIONAL DISTRICT OF: a.Applicant <input type="text" value="TN 002"/> b.Program <input type="text" value="TN 002"/>															
15. ESTIMATED FUNDING: Year #: <input type="text" value="2"/>	16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS? <input type="checkbox"/> YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON: DATE: <input checked="" type="checkbox"/> NO. PROGRAM IS NOT COVERED BY E.O. 12372															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">a. FEDERAL</td> <td style="text-align: right;">\$ 519,975.00</td> </tr> <tr> <td>b. APPLICANT</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>c. STATE</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>d. LOCAL</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>e. OTHER</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>f. PROGRAM INCOME</td> <td style="text-align: right;">\$ 0.00</td> </tr> <tr> <td>g. TOTAL</td> <td style="text-align: right;">\$ 519,975.00</td> </tr> </table>	a. FEDERAL	\$ 519,975.00	b. APPLICANT	\$ 0.00	c. STATE	\$ 0.00	d. LOCAL	\$ 0.00	e. OTHER	\$ 0.00	f. PROGRAM INCOME	\$ 0.00	g. TOTAL	\$ 519,975.00	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? <input type="checkbox"/> YES if "Yes," attach an explanation. <input checked="" type="checkbox"/> NO	
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f. PROGRAM INCOME	\$ 0.00															
g. TOTAL	\$ 519,975.00															
18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.																
a. TYPED NAME OF AUTHORIZED REPRESENTATIVE: John D. Harris	b. TITLE: Program Director	c. TELEPHONE NUMBER: (865) 546-3500														
d. SIGNATURE OF AUTHORIZED REPRESENTATIVE:		e. DATE SIGNED: 05/04/11														

Narratives

Executive Summary

CAC AmeriCorps envisions an environment that is safe, clean, beautiful and preserved for future generations through education and citizen action. Our mission is to mobilize, train and facilitate AmeriCorps members and community volunteers providing opportunities to serve; educate youth and adults through direct action and service-learning; divert solid waste from landfills and reduce litter through reuse, reduce and recycle strategies; and to establish and maintain green spaces in Knox County.

Rationale and Approach

Section A. Rationale and Approach

Compelling Community Need:

Federal, state, and local assessments of Knoxville's water quality have shown it to be in a critically impaired condition due to pollution and bank erosion. The Tennessee Valley Authority and the University of Tennessee have conducted multiple biological sampling efforts in 10 of Knoxville's watersheds and found them to be in "poor" condition. Six of these polluted creeks are posted for no human contact due to the presence of disease-causing pathogens. Creek pollution kills aquatic life and endangers human health. Our creeks flow directly into the Tennessee River, which is our only source for municipal drinking water. Residents contribute to water pollution via a multitude of preventable daily activities: illegal dumping of trash, car parts, and construction materials, over-fertilizing of lawns, littering, and allowing gas and oil leaks to persist. The poorest communities in Knoxville are impacted greatly by these environmentally damaging practices. Illegal dumping and littering are rampant in these neighborhoods due to the easy access to vacant lots that are adjacent to creeks. Our solution to this problem is partnering with the Water Quality Forum, schools and community groups to facilitate youth environmental education, to provide service learning, and organize community volunteers to conduct stream monitoring and cleanups.

Narratives

Knox County is dealing with a solid waste problem. In 2008, at six large-scale Knox County waste drop off centers, residents generated 45,632 tons of trash. Outside of these centers, County residents generate over 667,000 tons of trash in the form of packaging, bottles, boxes, cans, yard clippings, furniture, clothing, and hazardous waste. Many throw trash away, without giving any thought to where trash goes after it leaves their home, business, or school. According to Knox County Solid Waste Department records in 2008, only 3,792 tons of recycled materials were collected at these drop off "convenience" centers, which is 8% of the total waste (45,632 tons) diverted to recycling in these centers. The State of Tennessee recently mandated a waste diversion standard to municipalities of 20%. To meet our state mandated 20% reduction goals, residents will need to reduce waste starting at the convenience centers. With our low recycling rate, it is clear that there is still a great need for resident education and support to produce better outcomes. We know that educating adults at the convenience centers, combined with residents making a pledge to reduce waste going to landfills, is the only way to attain sustained results.

Community food insecurity and nutritional deficiencies that lead to health problems are issues in our region. In 2008, over 350,000 people were given 522,618 pounds of food and 305,191 food bags by CAC and Emergency Food Helpers (EFH), a coalition of pantries and churches in Knoxville that gives food to people in crisis. Since 2007, the yearly total of people served at pantries has been increasing at an alarming rate. When low-income families are faced with purchasing food with limited funds and unreliable transportation, our surveys indicate that these families primarily purchase processed foods and fresh vegetables are not included in their diet. Currently, Knoxville has a childhood obesity rate of 40% and four urban neighborhoods have children at "very high risk" for Type 2 diabetes. Nutritional education and community gardening resources are a solution for these food security and nutrition issues in the inner city of Knoxville.

Narratives

Litter prevention is a primary goal of Keep Knoxville Beautiful. Littering is a habit and occurs when people carelessly dispose of solid waste improperly. According to a study of littering behavior by the Institute for Applied Research, more than 44% of people aged 15-24 were observed littering take-out food and beverage containers. While there is a natural reaction to blame the industries whose products are most often littered, people are responsible for the proper handling and disposal of these products. Litter drives down property values, and is a deterrent to new business and tourism. There is strong evidence as postulated in the Broken Windows Theory that types of physical neighborhood disorder like litter, graffiti or broken windows make people feel unsafe and lead others to criminal behavior. Keep America Beautiful (KAB) has gathered information from numerous studies and reports about littering behavior. According to KAB, the primary reason people litter are that people who litter have no sense of ownership of the community. Keep Knoxville Beautiful (KKB) conducts an annual litter index of neighborhoods and reports to the community on the amount of litter seen during these surveys. In 2009, the litter index was overall 1.79, which is "slightly littered", however some low income neighborhoods were very littered and need to be cleaned to help prevent delinquent activities in those areas.

The East Tennessee Clean Fuels Coalition is working to improve Air Quality in Knox County through service learning. Two of the greatest threats to air quality are Particulate Matter (PM) and Ozone pollution. In 2009, the U.S. EPA's Air Quality System (AQS) gave Knoxville a failing grade for PM and Ozone levels. In terms of air quality, Knoxville is the 7th most polluted city in America. PM are complex microscopic bits that are one-thirtieth the width of a human hair, which can cause serious health problems even at relatively low concentrations and are responsible for tens of thousands of premature deaths in the U.S. each year, according to the American Lung Association's "State of the Air" report. "The dangerous thing about these fine particles is that they are tiny enough to penetrate the body's natural defense systems," said Norman H. Edelman, MD, the American Lung Association's consultant

Narratives

for scientific affairs. Studies link particle pollution to increased risk of asthma attacks, heart attacks and strokes, lung cancer, and premature death. Ozone (O₃) is a highly reactive gas that is a form of oxygen. It results primarily from the action of sunlight on hydrocarbon vapors and nitrogen oxides emitted in fuel combustion. Ozone reacts chemically ("oxidizes") with internal body tissues that it comes in contact with, such as those in the lung. Ozone acts as a powerful respiratory irritant especially in urban and heavy transportation areas like Knox County. Ozone exposure may lead to premature death, shortness of breath, chest pain when inhaling deeply, wheezing and coughing. Long-term exposure to high levels of ozone leads to reductions in lung function, inflammation of the lung lining and increased respiratory discomfort. People with cardiovascular diseases, children and the elderly are most vulnerable to the health risks associated with particle pollution and Ozone and a staggering 9% of all Knox County residents have asthma, while the US National average is 5.3%.

Along with its issues of poor air quality, land usage, and water quality, Knoxville has few natural areas within the city limits for children to learn about nature. Ijams Nature Center, an environmental education center and 80-acre park, maintains native plant and wildflower areas for low-income Knox County Students to learn in a living laboratory. In addition, greenways and parks in the area need to be improved for the sake of children's physical and mental health. In a 2003 study by Dr. Frances Kuo and Dr. Andrea Taylor, the impact of natural settings on attention-deficit/hyperactivity disorder (ADHD) symptoms across diverse subpopulations of children was found to reduce ADHD symptoms significantly more than did activities conducted in other settings, even when activities were matched across settings.

In 2008 and 2009, CAC generated client surveys to identify needs of people utilizing our agency. In consecutive surveys, "Can't pay utility bill" was our client's number one concern. Needing "money for rent or house payment" was also in their top three concerns. Low-income homeowners spend a disproportionate amount of their limited income on energy costs that could be lessened with proper

Narratives

home insulation, weatherization, and energy conservation techniques.

Tennessee ranks 39th in volunteerism rates according to CNCS research done from 2005-2007. The average Knoxville resident is less likely to volunteer and out of those who do give back, volunteers less hours than the state average. Knoxville doesn't have a traditional volunteer center or Hands On Network affiliate. With AmeriCorps members placed in local non profit organizations we may have an impact on volunteer rates in Knoxville and Tennessee.

Description of Activities and Member Roles:

Environmental Awareness:

In 2010-13, CAC AmeriCorps members will teach environmental education to a total of 13,250 students in the classroom and outdoors. Five members on the CAC AmeriCorps Water Quality Team (WQT) will implement the Upper Tennessee River Adopt-A-Watershed Program (AAW) in 17 Knox County Public Schools. Members will engage 4,500 students to investigate and improve the health of their school's watershed through classroom and outdoor service learning activities. Our AAW program is based on the nationally implemented Adopt-A-Watershed Program that is designed to transform a school's watershed into a "living laboratory." The CAC AmeriCorps WQT, along with trained middle and high school teachers, use this "living laboratory" as a place to bring the curriculum to life while empowering students to make a difference in their school's watershed. These investigative activities allow students to gather actual watershed data, gain "real world" scientific experience and become environmentally literate. Each year, members will lead 1,500 students in at least 3 classroom activities such as Pollution PI (investigative activity), Windshield Survey (land use mapping), Enviroscope model, and chemical, physical, biological data collection.

Two AmeriCorps members will bring the Earth Flag Program to 10 schools. The Earth Flag Team will

Narratives

engage 600 students in responsible environmental behaviors like recycling, reducing, composting and re-using. In addition, members will teach science and environmental lessons to students giving them a greater awareness of waste issues and their part in environmental stewardship.

One member on the Urban Ag Team will teach 450 low-income youth, at four urban low-income elementary schools, organic, low-impact gardening lessons through maintaining a school garden. In addition, this member will teach nutrition lessons based on healthy food choices.

One member will be serving with the East Tennessee Clean Fuels Coalition (ETCFC) to abate poor air quality through use of alternate fuels in transportation and industry. In 2010-2013, a member will facilitate intensive learning experiences with students through the Young Biodiesel Leaders Program. In addition, they will teach over 3,000 high school students the dangers of air pollution and solutions to reducing ozone and particulate matter in our region.

One member will bring the GO! Hike Program to 4,500 Knox County pre-school to 8th Grade students in 2010-13. This member will introduce students to Ijams, facilitate presentations of Ijams' non-releasable wild animals, lead hikes on Ijams scenic trails, and develop new environmental education activities that support our state's science education performance indicators.

Two members will facilitate programs that prevent litter through education and community service at two local Keep America Beautiful affiliates. Litter prevention will be accomplished by coordinating and educating directly with neighborhood groups and local schools. Students will learn via class discussions and presentations about litter. During their organized discussion, 200 students will learn exactly what litter is, why people litter, why communities should prevent litter, and how students can prevent litter in their community.

Narratives

Volunteer Generation and Training:

In 2010-13, AmeriCorps members will generate 3,000 volunteers who will give a total of 10,000 hours to hands-on environmental projects.

Environmental Service-Learning Projects: In 2010-13, seven CAC AmeriCorps members will engage and facilitate a total of 4,500 students in meaningful student-driven service-learning projects. Using AAW student collected data, AmeriCorps members will lead students in data analysis and compilation of a 'State of our Watershed' report. This report will be a student-led statement on what is happening in their watershed. From this investigation, WQT members will assist 2,400 students in designing and implementing a watershed improvement project to meaningfully impact their watershed. Members on the Urban Agriculture Team (UAT) will facilitate projects with 600 low-income youth at Beardsley Community Farm or at local schools. Another 1,500 students will be engaged in service-learning by CAC AmeriCorps members through educational opportunities at Ijams Nature Center, Keep Knoxville Beautiful and the University of Tennessee.

Environmental Stewardship:

In 2010-13, nine CAC AmeriCorps Recycling Team members will initiate recycling and solid waste reduction outreach activities within the community through workshops, community events and festivals. Members will be responsible for getting 6,000 signed "Green Team" pledge cards from Knox County residents. These pledge cards will focus on making significant steps towards conservation. The primary focus of the pledge will be on a 10% increase by individuals in paper, cardboard and metal recycling at Knox County Waste Convenience Centers. Members will also be responsible for recycling 300 tons each year through special event, school, and home-based recycling programs.

Narratives

Home Energy Audits: In 2010-13, two CAC AmeriCorps members will conduct 300 home energy audits as a first step in the home weatherization process.

Home Energy Conservation:

In 2010-13, two CAC AmeriCorps members will teach home conservation techniques, inspect weatherization resulting in a total 1,000,000 BTUs saved for 300 assisted homeowners over this period.

Acres of Parks and Public Lands Improved:

In 2010-13, CAC AmeriCorps members will improve and/or clean 20 acres of Knox County and Knoxville City Parks or other public lands in Knox County. Three AmeriCorps members will maintain Beardsley Community Farm, which is located in a public city park, Malcolm Martin Park. On 7 acres of this park, members will grow fruits, vegetables and herbs that will feed hungry families through local distributions to food pantries and women shelters.

Two members at Keep America Beautiful sites will provide litter prevention and introductory environmental education to neighborhood associations or community groups to clean and maintain 2 acres of Knox County's most littered public areas.

One AmeriCorps member with City of Knoxville Parks and Recreation will facilitate cleanups and improvements along the Third Creek Greenway, which includes 13 acres of parks. Our AmeriCorps member's programmatic role is based on facilitating direct service with people in low-income communities, schools, and homes.

Our members teach students and adults, make presentations to groups, provide physical labor for outdoor projects, generate volunteers, and assist with energy audits. Our staff and site supervisors will

Narratives

recruit, supervise, train, and provide service opportunities for the AmeriCorps members. Our 2010-2013 program structure is to have 40 full-time members serving in Knox County. To meet current needs, we will need full-time members serving in local environmentally focused non profits and governmental organizations in Knox County. These organizations are Ijams Nature Center, East Tennessee Clean Fuels Coalition, Knox County Stormwater Engineering, Knox County Solid Waste Department, Center for Clean Products (UT-ISSE), Keep Knoxville Beautiful, Keep Blount Beautiful, UT Habitat Conservation Plan, Knoxville Recycling Coalition, City of Knoxville, Knoxville Solid Waste, and the Literacy Imperative, Inc. Knox County CAC, will host 9 members between CAC Beardsley Community Farm and CAC Weatherization. Full-time member slots are best for our service calendar, project planning, and gives members an appropriate length of service time to accomplish goals and properly reflect upon their service. At CAC AmeriCorps, we have detailed service descriptions for each member and we ensure with partners and site supervision that members placed at sites are not supplementing, duplicating, displacing work done by current or past or future volunteers or staff. Our AmeriCorps positions are unique in scope and were created with national service requirements in mind. Quality member professional development, member training and member supervision are the keys to exceeding program goals and outcomes. By training members in team-building, volunteer management, site specific curricula, safety, and diversity, our members are prepared for service and are successful in reaching desired outcomes. Every CAC AmeriCorps member understands, agrees to and signs the terms and rules of membership as stated in the "Member Contract for Participation in the CAC AmeriCorps Program" at the time of orientation. This understanding of the rules is carefully outlined during orientation with special attention given to the "AmeriCorps prohibited activities" section of the contract. In addition, members understand that there are consequences for violating these rules and terms, which can result in suspension or termination from the program. Site Supervisors are trained on member management with special attention to AmeriCorps prohibited activities and CAC policies. During orientation, CAC AmeriCorps members will be given questions from the AmeriCorps Provision Learning Exercise, which

Narratives

identifies and clarifies situations that may occur during the service year. Members are reminded of AmeriCorps and CAC prohibited activities during meeting times in the service year. Members are given strategies for dealing with these prohibitive situations that might occur during the election season, December holidays and school fundraising periods. Members are also encouraged to ask questions throughout the service term. An AmeriCorps Grant allows Knox County CAC to promote National Service initiatives, to provide needed services to low-income youth and families in Knox County, and helps to encourage the scope of community services and capacity building of non-profits across the region. Without an AmeriCorps Grant, CAC would not be able to replace a program with the overall benefits, training support, and prestige of AmeriCorps National Service.

Measurable Outputs and Outcomes:

Our program will address the Clean Energy priority area and we will be using 5 of the 7 standard performance measures in this focus area. In 2010-2013, we have two aligned performance measures.

Environmental Awareness:

Over a three year period, members will teach environmental curricula to 13,250 students, plan and facilitate service learning projects with 4,500 of these students and by 2013 collect "Knox County Green Team" pledges from 6,000 community members to recycle, reuse and conserve energy.

In addition to student service, CAC will generate and engage 3,000 volunteers giving 10,000 hours in service from 2010-2013. We will track this progress through a variety of time-tested systems: classroom log sheets, volunteer log sheets, pre and posttests, agendas, service project plans and pledge cards.

In addition, members will conduct home energy audits at 100 homes, which will collectively save 333,000 BTU's in energy costs in one year after home weatherization or retrofit completion. These

Narratives

outputs and outcomes will be tracked using energy audit logs, surveys and energy cost savings calculations per housing unit.

In addition, CAC AmeriCorps will improve or clean 20 acres of local parks or public lands. This will be tracked through landscaping, tree planting, and beautification reports.

Environmental Awareness:

Output:

In 2010-13, AmeriCorps members will teach environmental education to a total of 13,250 students in the classroom and outdoors.

Intermediate Outcome: Environmental Service-Learning Projects: In 2010-13, members will engage and facilitate a total of 4,500 students in meaningful student driven service-learning projects.

Output: Recycling: In 2010-13, CAC AmeriCorps Recycling Team members will initiate recycling activities resulting in 900 tons of solid waste recycled or composted.

Intermediate Outcome: CAC AmeriCorps will initiate recycling and solid waste reduction outreach activities within the community through workshops, community events and festivals. Members will be responsible for getting 6,000 signed "Green Team" pledge cards from Knox County residents.

Output: Home Energy Audits: In 2010-13, members will conduct 300 home energy audits.

Intermediate Outcome: Home Energy Conservation: In 2010-13, members will teach home conservation techniques, inspect weatherization resulting in a total savings of 1,000,000 BTU's in energy costs in the

Narratives

year after home weatherization or retrofits.

Output: Acres of Parks and Public Lands Improved: In 2010-13, CAC AmeriCorps members will improve and/or clean 20 acres of Knox County and Knoxville City Parks and/or other public lands in Knox County.

Plan for Self-Assessment and Improvement:

CAC AmeriCorps staff will have consistent contact with each service site and partners to identify strengths and challenges of the site and improve/maintain service delivery throughout the year. In the summer before a service term begins, partners and supervisors are instructed on policies and procedures and share resources to improve the upcoming year. Partners are contacted periodically about the strengths and weaknesses of our program management, member professional development, and programmatic progress. Through bi-weekly meetings members and staff have an opportunity to identify issues, share resources, resolve problems and provide feedback to one another. We track the progress of our AmeriCorps members through extensive mid-year and final evaluations/progress reports, which will be conducted by both the site supervisor and program director. These evaluations will mark service hours, performance, and professional development progress of members. We will track the progress of the sites through mid-year and final reports, which detail the agreed upon performance measures and outcomes. In addition, the program director requests feedback, generated by the members and partners, focused on the program's strengths, opportunities for improvement and challenges prior to the final evaluations.

Community Involvement: Individuals, scientists and government alike have identified the health of Knoxville's creeks as a priority area. The Water Quality Forum (WQF) is a consortium of federal, state, and local agencies, organizations and interested citizens. The WQF was formed in 1991 to protect and

Narratives

restore the health of our local waterways. To this end, partners of the Forum including the City of Knoxville, Knox County Government, Tennessee Valley Authority, Ijams Nature Center, Tennessee Clean Water Network, local Watershed Associations, University of Tennessee, Knoxville Utility Board and Hallsdale Powell Utility District continue to monitor the conditions of our creeks and rivers. The AmeriCorps WQT puts the Water Quality Forum into action. The AmeriCorps WQT builds the capacity of the Forum by implementing community ideas and promoting educational programs that will ultimately result in water quality protection and enhancement. The University of Tennessee has conducted statistically valid surveys in three watersheds in Knox County, polling approximately 1,400 residents. The results of the surveys have consistently revealed that a majority of Knoxville residents are "highly concerned" about the water quality conditions of our local creeks and the Tennessee River. This makes sense given that the Tennessee River is the source of Knoxville's drinking water and collects all the water from those polluted creeks. In addition, surveys show that citizens want to be involved in improving our water quality. Citizens from Knox County and its eight surrounding counties have come together in a visioning process for our region called "Nine Counties, One Vision" to collectively determine the future quality-of-life for our region. As a part of this effort that was spearheaded in 2000, citizens envisioned shared goals and set implementation strategies. The result of this process has shown that the residents of Knox County without question want clean water. In fact, a regional goal was set specifically addressing water quality along with a series of strategies to attain this goal that included incorporating environmental education into our public school systems (K-12). Our Adopt-A-Watershed Program addresses this community need and uses community volunteers to cultivate the spirit of service within our schools. Through the visioning process of Nine Counties, One Vision and Knox County teacher surveys, it is evident that residents and educators value and want environmental change and specifically, solid waste education. The Solid Waste Task Force for Nine Counties, One Vision identified school waste reduction programs utilizing education to implement Recycling, Reusing, Reducing, and composting as a top strategy to attain the community's Waste Management goal. AmeriCorps will work

Narratives

with the Waste Management Task Force to be the vehicle for implementation. Our partner schools and teachers report that they value the long-term benefits of teaching children sustainable living skills. The low-income schools we serve do not typically have the volunteer base for sustaining programs like the Earth Flag program. CAC AmeriCorps members are a vital resource to these low-income schools. The Earth Flag Team provides environmental knowledge, enthusiasm for service, and capacity building by recruiting volunteers to focus on the school's goal of waste reduction /sustainability. The Knoxville Recycling Coalition is a local, non-profit organization that has focused on environmentally sound waste management practices for over 20 years. The Coalition is operated through a board that is diverse and gives sound direction to reducing waste and educating the public in the region. Through the 2008 Green Thumb surveys over 90% of low-income residents indicated that the cost of food was a primary concern for their family. We will work with Emergency Food Helpers, food pantries, and community based kitchens to get more fresh produce into emergency food bags and meals. More importantly, the Urban Agriculture Team will listen and communicate with local community members by participating in neighborhood meetings and planning sessions. We will continue to nurture our partnership with the University of Tennessee and Pellissippi State Community College for their student volunteers. Keep Knoxville Beautiful and Keep Blount Beautiful are locally run affiliates of Keep America Beautiful; it is through their litter prevention efforts that we understand the need for this project. Keep Knoxville Beautiful and Keep Blount Beautiful are governed by a board of directors, which consists of 30 volunteers, all community leaders. These staffs have more than 15 years combined experience in non-profit management. In addition, the Keep Knoxville Beautiful Youth Advisory Board has input into the events that impact youth and litter prevention. Our host agency, Knox County CAC, is a member of the East Tennessee Clean Fuels Coalition (ETCFC). This partnership has been forged through CAC Transit's conversion to propane fuels and CAC AmeriCorps participation in the annual Run for Clean Air 5K. This coalition of government agencies, public utilities, community members, scientists, activists, and business owners needed to utilize more outreach and environmental education to accomplish their

Narratives

regional air quality and alternate fuel consumption goals. Jonathan Overly, ETCFC Executive Director, the ETCFC Board of Directors, and coalition members deemed that education was a necessary performance indicator for the coalition to build capacity in the near future. We continue to engage community partners by asking for feedback in public forums on environmental issues relevant to low-income communities. In November 2009, CAC AmeriCorps members and staff will participate in a public forum about environmental issues called, "How the Green Economy Affects 'da 'Hood: An Intergenerational Leadership Conference on Green Pathways Out of Poverty". This listening forum will give our program staff and partners insight into any current concerns of the people we serve and how we can involve their agenda into our program goals.

Relationship to other National and Community Service Programs: Knox County CAC has a long-standing relationship with National Service programming, especially Senior Corps programs. CAC Foster Grandparents (FGP), CAC Senior Companions, and CAC Retired Senior Volunteer Program (RSVP) are outstanding programs and provide services vital to Knox County low-income elderly and youth. CAC FGP coordinates senior citizens so that they may serve youth in various Knox County non-profits and educational institutions. A majority of these positions are with the local Boys and Girls Clubs. In 2010-13, CAC AmeriCorps will collaborate with the FGP and RSVP to promote gardening lesson plans at two local Boys and Girls Clubs. In addition, we will assist FGP seniors providing them with service-learning resources. In 2009-10, CAC AmeriCorps has coordinated with Senior Corps on H1N1 public education sessions, seasonal flu shots, and at the Career Closet. In addition, a current CAC AmeriCorps member is a representative on the Knox County CAC RSVP Board. In addition, we will coordinate with Senior Corps to participate in Volunteer Tennessee statewide events such as member training and community service projects. On October 23-24, 2009, our program hosted a Volunteer Tennessee event called "Make A Difference Day". Over 200 members and volunteers served during this event, recycling at Race for the Cure, beautifying Austin-East High School, Tribe One and Beardsley

Narratives

Community Farm.

Potential for Replication: Given that solid waste, air pollution, water quality, food security and litter issues affect many American cities in a significant way, we feel that our service-learning programming is easily adaptable to other areas of the country. In fact, the Adopt-A-Stream program, Talking Tree, Adopt-A-Road, Earth Flag program, Adopt-A-Watershed program, Young Biodiesel Leaders program, Junior Master Gardeners, Beardsley Youth Leadership, and Litter-Free Schools initiatives are either open source curriculum or were locally created by our sites. We have fielded questions from other organizations about our program and have allowed access to our curricula and best practices. We maintain a membership with the Corps Network and use this membership as a networking outlet to help other programs to replicate our methods and procedures in response to their local environmental issues. Much like other cities, Knoxville's environmental issues are impacting physical health, nutrition, clean air, and land use. Our program is Tennessee's only AmeriCorps program with an environmental focus and we would like to replicate this program throughout the state. With our unique focus, Volunteer Tennessee, promotes our successful environmental education record to other non-profits and agencies so that they may want to replicate our programming.

Organizational Capability

D. Organizational Capacity Sound Organizational Structure Ability to Provide Sound Programmatic and Fiscal Oversight: The Knoxville-Knox County Community Action Committee has more than 40 years of experience in operating federal, state, and local grants successfully. The agency receives financial and purchasing support from Knox County and uses the single audit system. Our agency manages more than \$33 million in federal and state dollars annually and more than \$3.5 million in local funds. In 2008, Knox County CAC provided intensive services to 36,932 low-income people. Knox County CAC has hosted, operated, and directed the CAC AmeriCorps program since 1994. During this time, CAC AmeriCorps has provided environmental education, neighborhood revitalization, solid waste diversion,

Narratives

service-learning, and has beautified local schools, greenways and parks. We continue our executive level support to the program with Barbara Kelly, CAC Executive Director; Sue Campbell, CAC Management Services Director providing oversight to the program and financial accountability; and Dick Lee, CAC Personnel Director for personnel issues. Since 2003, CAC AmeriCorps has almost perfect Finance and Administration monitoring reports and has succeeded in meeting all corps performance measurements. An AmeriCorps Grant allows Knox County CAC to promote National Service initiatives, to provide needed services to low-income youth in Knox County, and helps to encourage the scope of community services and capacity building of non-profits across the region. Without an AmeriCorps Grant, CAC would be hard-pressed to replace a program with the overall benefits, training support, and prestige of AmeriCorps National Service. All of our sites go through an evaluation process before becoming AmeriCorps sites. The selection criteria must fit into the AmeriCorps regulations as articulated in 45 CFR § 2522.475. Included in our evaluation criteria is that each site must be innovative in approach, be sustainable, have quality supervision, and address the environmental needs of our local area. Sites must also impact low-income communities. Sites must have some programmatic aspect of generating volunteers, in-kind match and cash match for sustainability. CAC AmeriCorps has a traditionally high grantee match and our budget for 2010-11 is more than 45% local match. Sites must have quality leadership to manage members in their daily duties. Our operating sites have supervisors who are committed to quality work and experienced at running AmeriCorps teams (12 sites with 57 years of combined experience in supervising AmeriCorps teams). Each site supervisor actively plans with members, oversees quality and service standards, and is the first line of contact for team problems or concerns. Sites are monitored monthly by program staff with a team review, on-site check-in and service activities review. This will promote continuous improvement, highlight successes, and give feedback and monitor areas that may need strengthened by retooling. Member time is monitored through weekly timesheets and a computerized time and attendance tracking system. Eligibility is monitored by a review of birth certificates, valid passports, and/or other documents as related to high school equivalency,

Narratives

permanent legal residence, and U.S. citizenship. We manage multiple member placement sites by requiring several layers of monitoring to ensure program quality. At CAC AmeriCorps, we organize six service events during the year in which all members are required to participate. Two of these events are Make A Difference Day and the Martin Luther King Day of Service which are also Volunteer Tennessee sponsored statewide events that every AmeriCorps member in Tennessee must attend. In 2009, Knox County CAC hosted Make A Difference Day for Volunteer Tennessee and 200 members served in Knoxville. Clean, Protect and Restore, our community wide creek cleanup, is an event where members can serve together to mobilize neighborhoods and cleanup more than 30 tons of litter from our most polluted waterways. The Run for Clean Air 5K raises awareness for air pollution issues and solutions through alternate fuel use. Earthfest, a large environmental festival that AmeriCorps members plan and facilitate educational activities for over 500 youth and 12,000 adults. At Ijams Nature Center, members serve at Waterfest, an all day educational destination for over 1,000 students. Our members will lead over 15 water quality activities and education opportunities.

Board of Directors, Administrators, and Staff: The Knox County CAC Executive Director, Barbara Kelly, supervises the CAC AmeriCorps Program Director giving counsel, direction, and support to the program. The Knox County CAC Management Services Director, Sue Campbell, maintains financial accountability and program oversight. The CAC AmeriCorps Program Director, John Harris, manages the overall AmeriCorps program. Management of the program involves problem solving, project planning, motivating members and partners, developing partner relationships, working with members and partners to meet all outcomes, recruiting quality members, conducting member training, securing grants and matching funds, and working with financial department to develop financial reports and reporting program progress. The CAC AmeriCorps Program Assistant, Daleai Robinson, is responsible for assisting the Program Director with administrative tasks. The Operating Site Supervisors, who have a combined 57 years of AmeriCorps experience, focus on program implementation, provide daily oversight of members, facilitate team reporting, maintain program standards and actively plan with their specific team to

Narratives

insure effective service. Barbara Kelly, Executive Director of Knox County CAC has over 40 years of experience with Community Action and has supervised an AmeriCorps program since 1994. Sue Campbell, CAC Management Services Director, has 18 years of experience at Knox County CAC overseeing finances, purchasing, and programs. Dick Lee, CAC Personnel Director, gives his 13 years of expertise in the areas of human resources, risk management, and workplace policies. John Harris, an alumnus of CAC AmeriCorps and the AmeriCorps Leaders Program, has been the CAC AmeriCorps Program Director for 7 years. Daleai Robinson has been CAC AmeriCorps Program Assistant position since 2007. Plan for Self-Assessment or Improvement: We monitor and evaluate our systems and team approaches on an on-going basis to maximize our service effectiveness. Some of our continuous improvement strategies include: team reports that create our annual reports, corps meetings, and partner retreats to address strengths and weaknesses and to make decisions on needed adjustments. Communication is the most important part of our team approach to continuous improvement. We highly value member activities of record keeping, journaling and providing detailed documentation of service successes and areas for improvement. We completed a formal evaluation in 2008 called The Corps Network Excellence in Corps Operations (ECO). The ECO Standards process is a peer assessment process designed to recognize corps committed to high quality and efficacy. Knox County CAC AmeriCorps compared their operations to the ECO Standards and underwent a continuous improvement process to maximize our effectiveness, including a peer site visit in October 2008. This process focused on 5 areas of our program: Purpose and Activities, Organization and Management, Program Design, Corps member Development, Work Experience & Service Projects, and Evidence of Success. In February 2009, Knox County CAC AmeriCorps was recognized as having Excellence in Corps Operations at a ceremony in Washington D.C. Plan for Effective Technical Assistance: Overall programmatic financial and technical assistance is secured through our Volunteer Tennessee Program Officer, Jamie Dent. Training assistance is secured through our Volunteer Tennessee Training Officer, Stephanie Sullivan. New Site Supervisors learn CAC policies and procedures during a site supervisor

Narratives

training given by the CAC AmeriCorps Program Director, John Harris. This training highlights the AmeriCorps prohibited activities, member management, financial procedures, and reporting responsibilities for each site and an information packet is given to the sites to assist supervisors with management issues. Any additional issues or new ideas with sites are discussed at a yearly meeting between the program director and site supervisor. In addition, the program director is available for technical assistance and training or concerns at any time during the service year. Sound Record of Accomplishment as an Organization Volunteer Generation and Support: Without volunteers supporting the services of Knox County CAC, there would not be a Knox County CAC. In 2008, CAC relied on 13,406 volunteers who generously gave 388,075 hours of service to 31,951 at-risk adults, 16,150 seniors, 15,894 persons with disabilities, 7,097 youth and infants. Outside of community emergencies, volunteer coordinators are ready everyday in CAC departments to place volunteers in needed positions. Those regular volunteers have expanded services into homes, schools, and community centers, so that programs could operate with efficiency and care. Volunteers are contacted through our www.knoxcac.org website, flyers, public service announcements and recruited in area community organizations, faith-based groups, and schools. AmeriCorps members generated 6,560 volunteers giving 14,093 hours of service. Organizational and Community Leadership: CAC proudly recruits, trains and partners with emerging and established community leaders to address critical community issues. To recruit and train leaders, CAC sponsors a 10 month leadership development program, Community Leadership, that brings together people from diverse backgrounds that live, work, or volunteer in low to moderate income neighborhoods and who have demonstrated community commitment through service. These classes strengthen leadership at grassroots levels and challenge individuals to get involved in community improvement. The upcoming year will mark 30 years of CAC Community Leadership in Knoxville. We have worked with over 630 leaders over these years. Mothers, fathers, police officers, politicians, community activists, non-profit staff, and many other citizens have brought their own experiences to share with other class members while also learning more about community organizing

Narratives

through the class. Our goal is to familiarize community leaders with a wealth of information and contacts that will facilitate their own neighborhood improvement. Each year class members participate in a variety of classes that build their skills and network. Some examples of these include: Business & Economics, Media, Social & Neighborhood Issues, Government & Education Training Days. On partnering with organizations and providing leadership in the community we serve, we routinely serve on the United Way needs assessment boards which shape policy and funding decisions; we meet regularly with local hospitals in the area on issues of importance to seniors and have partnered with the University of Tennessee to spearhead efforts to end chronic homelessness through the citywide 10 year plan. In 2008, CAC partnered with 1,258 organizations in the private, public and faith-based sectors of our community. Knox County CAC's collaboration with local government allowed us in 2008 to assist more than 2,126 unemployed persons and 6,690 low-income families. A recent partnership with the City of Knoxville Community Development Department allowed us to reach out to a neglected neighborhood and remove blighted buildings to replace them with 9 LEED certified, affordable homes. CAC Homeless Services helped 927 homeless families acquire permanent housing in 2008. Our collaborations with local hospitals allow us to disseminate vital information to over 15,000 seniors a month through our Elder News & Views newsletter. Partnering with faith-based organizations and churches allowed us to lessen the energy burden of 7,120 low income, elderly, and disabled people in 2008. Our Executive Director has over 40 years of experience in Community Action service work and is often sought out for guidance and consultation from many of the local organizational leaders as well as other Community Action programs across our region. Success in Securing Match Resources: In the current three year cycle, we have had success finding local match resources due to the commitment of our local partners to the mission of CAC and the environmental service-learning focus of CAC AmeriCorps. Our success is founded upon linking dedicated partners, strong leadership and considerable community needs. These partners have resources to sustain our program through in-kind and cash donation. Our challenge is that some prospective partners, who address tremendous community needs, do not have the necessary

Narratives

funding resources to sustain CAC AmeriCorps members at their sites. For those community partners, we refer them to Volunteer Tennessee and other resources within the region.

Success in Securing Community Support Collaboration: Over the last five years, CAC AmeriCorps has sought out partners outside the scope of services offered at Knox County CAC. For 2010, only seven AmeriCorps members will be serving at our host agency (Knox County CAC), the other 33 members will be serving at 12 partner service sites. Each partner organization is required to provide a minimum \$6,300 cash per member and \$6,000 of in-kind match for each member. This diverse system of match is a departure from earlier years of CAC AmeriCorps, in which most of the AmeriCorps members were serving within Knox County CAC departments: Head Start, Green Thumb Community Gardens, Office on Aging, Senior Nutrition, or Project LIVE. AmeriCorps helped to explore additional service avenues of these departments and assisted in developing young AmeriCorps members into future CAC service providers. However, our environmental focus came into being through our first outside partnerships with Ijams Nature Center, Knox County Solid Waste, and University of Tennessee Water Resources Research Center. These strong outside partnerships forged our diverse streams of contributions and have laid the groundwork for other local organizations to become involved in National Service.

Local Financial and In-kind Contributions: Securing diverse representation in all we do continues to be a cornerstone principle of Knox County CAC. Since 1965, CAC has operated through a tripartite board made up of representatives from the low-income neighborhoods that CAC serves, from the public sector, and from the private sector. Part of our Community Action Agency's success in meeting compelling needs in our community is due to the efforts our 20 plus advisory councils which consist of more than 400 committed individuals who bring their unique perspectives, experiences and skills to help guide our work.

Wide Range of Community Stakeholders: Since 2003, our AmeriCorps program has grown from 3 partner sites to 12 partner sites in 2009. These community partners have been involved in the visioning, planning and supervision of the services we provide to the community. Non-financial support has grown through these non-profits and government organizations and as a result our formal partners are able to

Narratives

coordinate and share resources with thousands of community members. Special Circumstances: N/A

Budget/Cost Effectiveness

E. Cost Effectiveness and Budget Adequacy Corporation Cost per Member Service Year (MSY): \$12,999 Per MSY for 2010-2013. Diverse Non-Federal Support: We will obtain \$192,536 in local cash from Knox County CAC, Knox County Stormwater Engineering, Knoxville Recycling Coalition, Center for Clean Products (University of Tennessee- ISSE), UT- Habitat Conservation Plan, Water Quality Forum, Knox County Solid Waste, Knoxville Solid Waste, East Tennessee Clean Fuels Coalition, Literacy Imperative, Keep Knoxville Beautiful, Ijams Nature Center, and Keep Blount Beautiful. In addition, we will secure \$236,991 of in-kind donations in support of members and site service activities. We secure these resources through letters of understanding, invoicing and contracts. Decreased Reliance on Federal Support: We are increasing our reach into communities and supporting organizations while keeping a high level of training, esprit de corps activities, and excellent daily support for our members. In 2003, the living allowance was \$10,197. In 2010, the minimum living allowance is \$11,800. This is a 15% increase in 7 years or \$1,603. During this same period the maximum allowable federal support increased from \$12,800 to \$13,000. Even though Knox County CAC is requesting the maximum federal support of \$12,999 per MSY for 2010, the reality is that our program is more sustainable and has generated more streams of revenue just to keep pace with increases in living allowance, member travel, health insurance, and other member support. In 2010, our grantee cash and in-kind donations will be over \$429,000. Budget Adequacy: Our 2010-11 budget will be a fixed grant pilot for Fiscal Year 2010. This budget is based on an in-house budget narrative that is detailed and corresponds to our agency's accounting system. The 2010-11 budget is adequate to support personnel expenses, supplies, operational costs, member training, staff and member travel, site service, corps service, volunteer management, health care costs, and member support costs using local partner cash (\$192,536) and in-kind (\$236,991) match. With this budget detail, supervision, member training and site service will be combined to satisfy every performance measure. Fixed-Amount Grant: CAC will utilize local, non-federal cash funds for

Narratives

member support: program supplies, travel costs, health insurance, program staff salaries, uniforms, safety equipment, tools, orientation supplies, and training. CAC will utilize local, non-federal in-kind funds for member support and supervision: supervisor salaries, training, service supplies, office space, and office equipment usage.

Evaluation Summary or Plan

F. Evaluation Summary or Plan

Evaluation Plan for 2010-2013: In 2008, Knox County CAC AmeriCorps participated in an external and intensive outside evaluation conducted by The Corps Network. This evaluation process is called Excellence in Corps Operations (ECO). The ECO Committee reviewed our application to decide on our participation in the 2008-9 external evaluation process. CAC AmeriCorps involved all key staff members in a self-assessment that will be organized according to the six ECO Standard Areas. At least two representatives from the Corps Network community and one Corps Network staff member performed a two-day site visit in October 2008. Evaluators held discussions with key staff members and observed site operations. An ECO Report containing Effective Practices, Recommendations and Suggestions was submitted to Knox County CAC AmeriCorps in November 2008. These recommendations included more deliberate staff development plans, to create a youth feeder program for corps, and to provide more leadership opportunities for members. We responded in writing to those Recommendations section of the report and made a 5 -year plan for improvement based on this report. In 2009, CAC AmeriCorps implemented all the suggestions that the ECO team made in their report. CAC's demonstrated effective practices were posted at www.corpsnetwork.org in their online ECO Resource Center. Our program's effective practices were strong local support with partners' clear understanding of program goals. CAC having a strong orientation with members clearly understanding AmeriCorps program, local issues, program goals, and contract. In 2009, The Corps Network recognized Knox County CAC AmeriCorps for Excellence in Corps Operations (ECO) at a ceremony in Washington D.C.

Amendment Justification

Narratives

n/a

Clarification Summary

Our enrollment period begins August 15, 2011 and the service term ends on June 30, 2012. This enrollment period does not overlap with the prior enrollment period.

Criminal history checks are conducted on all members, employees and other individuals who receive a salary, education award, living allowance, stipend or similar payment from the grant, regardless of whether these costs are coming from federal or non-federal share. Criminal history background checks include a search of statewide criminal history repositories, motor vehicle record, and the National Sex Offender Public Website for all members and employees as described above. Additionally, a FBI fingerprint background check is required for members, employees or other individuals as described above.

Continuation Changes

Our program had 25/25 (100%) retention for the last full year of program operation (2009-10).

Performance Measures

SAA Characteristics

- AmeriCorps Member Population - None
 Geographic Focus - Urban
 Geographic Focus - Rural
 Encore Program

Priority Areas

- | | |
|--|---|
| <input type="checkbox"/> Education | <input type="checkbox"/> Healthy Futures |
| <i>Selected for National Measure</i> <input type="checkbox"/> | <i>Selected for National Measure</i> <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Environmental Stewardship | <input type="checkbox"/> Veterans and Military Families |
| <i>Selected for National Measure</i> <input checked="" type="checkbox"/> | <i>Selected for National Measure</i> <input type="checkbox"/> |
| <input type="checkbox"/> Economic Opportunity | <input type="checkbox"/> Other |
| <i>Selected for National Measure</i> <input type="checkbox"/> | <i>Selected for National Measure</i> <input type="checkbox"/> |

Grand Total of all MSYs entered for all Priority Areas 40

Service Categories

- | | | |
|--|---|---|
| Energy Use Reduction | Primary <input type="checkbox"/> | Secondary <input checked="" type="checkbox"/> |
| Environmental Awareness-building and Education | Primary <input checked="" type="checkbox"/> | Secondary <input type="checkbox"/> |
| At-risk Ecosystems Improvement | Primary <input type="checkbox"/> | Secondary <input type="checkbox"/> |

Environmental Volunteers

Service Category: Environmental Awareness-building and Education

Measure Category: Not Applicable

Strategy to Achieve Results

Briefly describe how you will achieve this result (Max 4,000 chars.)

AmeriCorps members will generate 3,000 volunteers to do hands-on environmental projects.

Result: End Outcome

Number of volunteers assisting with environmental service projects

Indicator: participants

Target: AmeriCorps members will recruit 3,000 volunteers to address community needs.

Target Value: 3000

Instruments: Volunteer logs, spreadsheets, surveys, training logs.

PM Statement: AmeriCorps members will generate 3,000 volunteers to complete hands-on environmental projects.

Prev. Yrs. Data

National Performance Measures

Priority Area: Environmental Stewardship

Performance Measure Title: Households with energy audits conducted

Service Category: Energy Use Reduction

Strategy to Achieve Results

Briefly describe how you will achieve this result (Max 4,000 chars.)

100 clients will receive housing rehabilitation, weatherization, and efficient energy services. All the clients being served are low-income, disabled, and/or elderly homeowners. (note: housing rehab and weatherization is completed by CAC staff or contractors).

Result: Intermediate Outcome

Result.

This Home Energy Team will conduct 50 post-weatherization home inspections and/or mild retrofits to significantly improve energy efficiency.

Indicator: Inspections

Target : This Home Energy Team will conduct 50 post-weatherization home inspections.

Target Value: 50

Instruments: Work order sheet, energy plan of action

PM Statement: Each year the Home Energy Team will conduct 50 post-weatherization home inspections and/or mild retrofits to significantly improve energy efficiency.

Result: Output

Result.

This Home Energy Team will provide 100 clients with energy audits.

Indicator: EN2: Energy audits conducted.

Target : 100 Households energy audited to significantly improve energy efficiency.

Target Value: 100

Instruments: Home Energy Audit checklist, client satisfaction surveys, and post home improvement inspection sheets.

PM Statement: This Home Energy Team will provide 100 Households with energy audits, weatherization inspections and/or mild retrofits to significantly improve energy efficiency.

Priority Area: Environmental Stewardship

Performance Measure Title: Students educated in environmentally conscious practices

Service Category: Energy Use Reduction

Strategy to Achieve Results

Briefly describe how you will achieve this result (Max 4,000 chars.)

Each year, CAC AmeriCorps members will teach environmental education to a total of 4416 students in the classroom and outdoors.

Seven members on the CAC AmeriCorps Water Quality Team (WQT) will implement the Upper Tennessee River Adopt-A-Watershed Program (AAW) in 17 Knox County Public Schools. In 2010-2013, will engage 4,500

National Performance Measures

Briefly describe how you will achieve this result (Max 4,000 chars.)

students to investigate and improve the health of their school's watershed through classroom and outdoor service learning activities. Our AAW program is based on the nationally implemented Adopt-A-Watershed Program that is designed to transform a school's watershed into a "living laboratory." The CAC AmeriCorps WQT, along with trained middle and high school teachers, use this "living laboratory" as a place to bring the curriculum to life while empowering students to make a difference in their school's watershed. These investigative activities allow students to gather actual watershed data, gain "real world" scientific experience and become environmentally literate. Each year, members will lead 1,500 students in at least 3 classroom activities such as Pollution PI (investigative activity), Windshield Survey (land use mapping), Enviroscape model, and chemical, physical, biological data collection.

Two AmeriCorps members will bring the Earth Flag Program to 10 schools. In 2010-2013, the Earth Flag Team (EFT) will engage 600 students in responsible environmental behaviors like recycling, reducing, composting and re-using. In addition, members will teach science and environmental lessons to students giving them a greater awareness of waste issues and their part in environmental stewardship.

From 2010-2013, 8 members on the Urban Agriculture Team (UAT) will teach 450 low-income youth, at four urban low-income elementary schools, organic, low-impact gardening lessons through maintaining a school garden. In addition, this member will teach nutrition lessons based on healthy food choices.

Five AmeriCorps members will be serving with the East Tennessee Clean Fuels Coalition (ETCFC), Knox County Health department and Southern Alliance for Clean Energy (SACE) to abate poor air quality through use of alternate fuels in transportation and industry. In 2010-2013, members will facilitate intensive learning experiences with students through Air Quality Education Programs. In addition, they will teach over 3,000 students the dangers of air pollution and solutions to reducing ozone and particulate matter in our region.

Two AmeriCorps members will bring the GO! Hike Program to 4,500 Knox County pre-school to 8th Grade students in 2010-13. This member will introduce students to Ijams, facilitate presentations of Ijams' non-

National Performance Measures

Briefly describe how you will achieve this result (Max 4,000 chars.)

releasable wild animals, lead hikes on Ijams scenic trails, and develop new environmental education activities that support our state's science education performance indicators.

Two AmeriCorps members will facilitate programs that prevent litter through education and community service at two local Keep America Beautiful affiliates. Litter prevention will be accomplished by coordinating and educating directly with neighborhood groups and local schools. Students will learn via class discussions and presentations about litter. During their organized discussion, 200 students will learn exactly what litter is, why people litter, why communities should prevent litter, and how students can prevent litter in their community.

Result: Intermediate Outcome

Result.

CAC AmeriCorps members will engage and facilitate a total of 1,500 students in meaningful student-driven service-learning projects and pre and post-test students increasing their awareness of issues by 10%. WQT members will assist students in designing and implementing a watershed improvement project to meaningfully impact their watershed. The Urban Agriculture Team will facilitate projects with low-income youth at Beardsley Community Farm or at local schools. Students will be engaged in service-learning by CAC AmeriCorps members through educational opportunities at Ijams Nature Center, Keep Knoxville Beautiful and the University of Tennessee.

Indicator: Number of students completing a service project and increasing their environmental

Target : Engage 1,500 students who will significantly increase their environmental awareness through meaningful student-driven hands-on service learning projects. Students will show a 10%

increase in environmental awareness via pre and post-testing.

Target Value: 1500

Instruments: Pre and post testing, service learning project volunteer logs, student volunteer spreadsheets.

PM Statement: CAC AmeriCorps members will engage and facilitate a total of 1,500 students in meaningful student-driven service-learning projects increasing their environmental awareness by 10% via testing. Using AAW student collected data, AmeriCorps members will lead students in data analysis and compilation of a 'State of our Watershed' report. This report will be a student-led statement on what is happening in their watershed. From this investigation, WQT members will assist students in designing and implementing a watershed improvement project to meaningfully impact their watershed. Members on the Urban Agriculture Team (UAT) will facilitate projects with low-income youth at Beardsley Community Farm, Tribe One or at local schools. Students will be engaged in service-learning by CAC AmeriCorps members through educational opportunities at Ijams Nature Center, Keep Knoxville Beautiful and the University of Tennessee.

National Performance Measures

Result.

awareness by 10% via testing.

Result: Output

Result.

Teach environmental science in the areas of water quality, air quality, gardening, energy conservation, waste reduction and/or recycling for area students focusing on low income youth.

Indicator: EN3: Individuals receiving education in energy-efficiency.

Target : Will serve at Knox County Elementary, Middle, and High Schools and colleges teaching environmental education, water quality, air quality and/or waste reduction techniques to 4,416 students each year.

Target Value: 4416

Instruments: Volunteer Log sheets, Classroom attendance sheets, pre and post tests.

PM Statement: Teach environmental science in the areas of water quality, air quality, gardening, energy conservation, waste reduction and/or recycling for 4,416 students focusing on low income youth.

Priority Area: Environmental Stewardship

Performance Measure Title: Acres of public lands and parks cleaned or improved

Service Category: At-risk Ecosystems Improvement

Strategy to Achieve Results

Briefly describe how you will achieve this result (Max 4,000 chars.)

Each year, CAC AmeriCorps members will improve and/or clean 20 acres of Knox County and Knoxville City Parks or other public lands in Knox County. AmeriCorps members will maintain Beardsley Community Farm, which is located in a public city park, Malcolm Martin Park. On 7 acres of this park, members will grow fruits, vegetables and herbs that will feed hungry families through local distributions to food pantries and women shelters. AmeriCorps members at Keep America Beautiful sites will provide litter prevention and introductory environmental education to neighborhood associations or community groups to clean and maintain 2 acres of Knox County's most littered public areas. One AmeriCorps member with City of Knoxville Parks and Recreation will facilitate cleanups and improvements along the Third Creek Greenway, which includes 13 acres of parks. Two AmeriCorps members will facilitate cleanups and improvements at Seven Islands Wildlife Refuge, a 400 acre Knox County Park. One AmeriCorps member will educate and assist homeowners and communities through the Tennessee Yards Program, which helps to conserve water in landscape design and maintenance techniques.

Result: Intermediate Outcome

Result.

250 people surveyed on the safety, beautification and/or facility improvements done by AmeriCorps members at

National Performance Measures

Result.

local parks and public spaces.

Indicator: People

Target : 250 positive surveys on the impact of improvements at local parks.

Target Value: 250

Instruments: questionnaire and/or survey

PM Statement: 250 people surveyed on the safety, beautification and/or facility improvements done by AmeriCorps members at local parks and public spaces. These surveys will reflect a positive experience by visitors due to the service completed in these areas.

Result: Output

Result.

CAC AmeriCorps members will improve and/or clean 20 acres of Knox County and Knoxville City Parks or other public lands in Knox County.

Indicator: (PRIORITY) EN4: Acres of parks cleaned or improved.

Target : 20 acres of city, county or public lands that will be cleaned or improved.

Target Value: 20

Instruments: Maintenance logs, litter and waste cleanup tally sheets, volunteer logs.

PM Statement: CAC AmeriCorps members will improve and/or clean 20 acres of Knox County and Knoxville City Parks or other public lands in Knox County.

Priority Area: Environmental Stewardship

Performance Measure Title: Tons of Recycled Materials

Service Category: Energy Use Reduction

Strategy to Achieve Results

Briefly describe how you will achieve this result (Max 4,000 chars.)

Each year, nine CAC AmeriCorps Recycling Team members will initiate recycling and solid waste reduction outreach activities within the community through workshops, community events and festivals.

Result: Intermediate Outcome

Result.

Through recycling at public events and recycling presentations, AmeriCorps members will collect 2,000 recycling pledges from students and adults each year. These recycling pledges will denote a household recycling behavior change.

Indicator: Pledges

Target : Collect 2,000 household recycling pledges from students and adults.

Target Value: 2000

Instruments: pledges and behavior checklist

PM Statement: AmeriCorps members will collect 2,000 recycling pledges from students and adults each year.

Result: Output

Result.

National Performance Measures

Result.

This 9 person team will educate and facilitate recycling activities at special community events, schools, and with community members resulting in diverting 300 tons of waste through recycling and composting.

Indicator: EN6: Tons of materials collected and recycled.

Target : Recycling team will educate others and recycle at community events diverting 300 tons of solid waste from landfills.

Target Value: 300

Instruments: Weight tickets, log sheets and recycling databases.

PM Statement: Each year, this 9 person team will educate and facilitate recycling activities at special community events, schools, and with community members resulting in diverting 300 tons of waste through recycling and composting.

Required Documents

Document Name

Status

Evaluation

Sent

Labor Union Concurrence

Not Applicable