A. Aims have not been modified:

The long-term objective of the EHJC is to facilitate and strengthen neighborhood empowerment and leadership, ongoing information exchange, health promotion, and policy improvements in regard to environmental health and justice — with a focus on industrial and commercial chemical contamination — in the AP/PW neighborhood of Chattanooga, Tennessee.

To meet the long-term objective, five specific aims guide us:

1. To create, implement, and evaluate collaboration among AP/PW neighborhood organizations, health care providers, research scientists, and policy makers to enhance trust and partnerships that promote environmental health and justice.

2. To inventory and build upon neighborhood, local, state, and other resources for adult and youth leadership, educational, and occupational opportunities within the AP/PW neighborhood with regard to research being conducted by the EHJC.

3. To create a neighborhood-based model of information exchange and community outreach about a range of technical, social, economic, environmental, political, and cultural factors with a focus on chemical contamination. This model will be structured to be sustainable over time and to facilitate simultaneously ongoing 1) knowledge, capacity, and opportunity building for AP/PW adults and youths and 2) knowledge and capacity building for public health providers, EHJC researchers, and policy makers about AP/PW neighborhood needs, strengths, and policy preferences.

4. To collect and assess data about neighbors’ knowledge of chemical contamination in AP/PW, potential health effects of this contamination, and health risk reduction strategies and tactics.

5. To engage AP/PW adults and youth in data collection, information exchange, collaborative partnerships, and actions that influence policy changes toward improved ecological health and decreased health risk within the AP/PW neighborhood, Chattanooga, and other communities across Tennessee.
B. Studies and Results

**Aim 1**
In Year 3, the Alton Park/Piney Woods Environmental Health and Justice Collaborative (EHJC) added new connections to ongoing relationships to reach a higher level of collaboration (Aim 1). As identified in our work plan summary (Appendix A) and other attachments, we continue to work closely with neighbors, and with local and state, private and not-for-profit technical, research, and government experts as facilitators for our Neighborhood Environmental College (NEC) and other projects, and with central neighborhood organizations such as the Villages at Alton Park and the Bethlehem Center. In Year 3, our relationship with the Calvin Donaldson Academy of Environmental Sciences blossomed (Appendix B). Internal Review Board status is maintained (Appendix C) and major timeline activity is proceeding as planned (Appendix D). Year 2 evaluation data was collected and summarized for all major EHJC projects and activities (Appendix E) and we are collecting Year 3 program evaluation data. The EHJC website is at [http://chattanoogacreek.utk.edu](http://chattanoogacreek.utk.edu).

**Aim 2**
We continue to link local, state, and regional resources for adult and youth leadership, educational, and occupational opportunities (Aim 2) through EHJC activities. One Year 3 highlight was building a greenhouse with the Calvin Donaldson Academy (Appendix B). Over the five month course of this project, the EHJC provided a) cash funding, b) NEC adult Environmental Health & Wellness (EHW) class outreach time and short term work stipends for neighbors to work on the greenhouse, c) in-kind contributions from local vendors, and d) local media coverage. The EHJC also directed the spring break labor of 20 students from Winthrop University, Rock Hill, SC, toward the greenhouse; Winthrop students also contributed $200 to the greenhouse. The greenhouse dedication and ribbon cutting were held at the May 8 NEC graduation at Calvin Donaldson.

The EHJC has promoted environmental health and justice-related events of other neighborhood organizations, often through the NEC, including the South Chattanooga Health Fair, the Community Networks Program 2-Mile Walk, and the Chattanooga Food Desert Summit (Appendix F). These opportunities broaden prospects for neighbor leadership as NEC graduates participate in more community projects (Appendixes A, E, F, I). In Year 3, the EHJC partnered with other neighborhood and external organizations to promote capacity-building through activities such as the Southside Youth EJ Art project with 20 youths and the Southside Recreation Center (Appendix G). On May 24, two graduates of the NEC Spring 2008 EHW class co-presented about environmental justice with EHJC staff at the 14th Annual Pedagogy and Theater of the Oppressed Conference in Omaha, NE (Appendixes A, K). The one grant proposal submitted this year seeks to augment neighbors’ knowledge, skills, and political voice with regard to environmental health and justice (Appendix H).

**Aim 3**
In Year 3, the adult EHW class (3/24 – 4/28) had 8 graduates (Appendix F). Along with the greenhouse dedication, graduation night at Calvin Donaldson on May 8 was paired with Environmental “Science Night”, included a display of the Southside Youth EJ Art project (Appendix G), and was attended by about 300 people. A special NEC event on May 2-4 was the Environmental Justice Theatre Workshop. Fellow NIEHS EJ Grantee John Sullivan, from UTMB – NIEHS in Galveston, TX, provided environmental theater training. The 44 neighbor participants included youths and adults, current and previous NEC participants, and neighbors new to the EHJC (Appendix I). Workshop outcomes are being incorporated into the summer NEC youth class and into Year 4 activities through the EHJC Oral History/Environmental Theater Committee. The final Year 3 major NEC activity is the second youth class (6/10 – 7/17). We have been invited again by the Bethlehem Center to bring the NEC to their summer camp, with about 48 youths, at the Howard School of Academics and Technology. This NEC class includes oral history, environmental theater, video training, and activity with the Native American cross-country walk for peace and environmental justice ([http://www.longestwalk.org](http://www.longestwalk.org); Appendix J).
Aim 4

We continue to collect and assess neighbors’ knowledge of environmental health and health risk reduction strategies and tactics (Aim 4), through the NEC classes, collaboration with our SSDACHC linkages, including Meharry Medical College, the Community Networks Program, the Tennessee Comprehensive Cancer Control Coalition and other EHJC activities. We received word recently that a healthy eating recipe booklet produced for the NEC adult EHW class in conjunction with several of these collaborators will be highlighted as a “success story” at the upcoming National Cancer Institute Health Disparities Conference in Washington DC in July (see Appendix F. III.)

Aim 5

To expand opportunities for neighbors to engage in political processes, outreach, and public meetings (Aim 5), NEC graduates and class participants, through in-class and outreach/advocacy action, continue to connect personally with city environmental officials and planners, health researchers, and neighborhood advisory groups. In the larger Chattanooga community concerned with the AP/PW neighborhood, the EHJC partnership is becoming a recognized “go-to” entity through which neighbors’ voices can be heard. EHJC supporters include city and county administrators and managers in Parks & Recreation, the Health Department, the Regional Planning Agency, the Brownfields Program, and Arts & Culture. Local EHJC staff are increasingly recognized and invited to participate on neighborhood and broader Chattanooga committees and boards, including the Bethlehem Center V-Team, Cool Congregations, the Read 20 Advisory Committee, the South Chattanooga Association of Neighbors, and the Chattanooga Green Committee. Each new opportunity for staff creates new opportunity for neighbor leadership as well. EHJC has been asked to host upcoming Chattanooga Brownfields Task Force Meetings (see Appendixes F, G, H, J). APDC/EHJC staff Falice Haire continues as AP/PW reporter for the Chattanooga Times Free Press to update citizens about the EHJC (Appendix L).

C. Significance

The EHJC is hitting its stride. As of the 7/17/08 youth class graduation, the NEC will have graduated four neighborhood adult and two youth classes. Partnered projects such as the Calvin Donaldson Greenhouse and the Southside Youth EJ Arts are being initiated in which neighbors can engage outside of class. EHJC staff, neighbors, facilitators, and organizations with whom we partner for NEC outreach/ advocacy and other projects are seeing how the pieces fit together and can be leveraged to support each others’ efforts – as in the May 8 NEC graduation at Calvin Donaldson (Aim 3). One recent NEC adult graduate said with pride, “this is the first time I graduated from anything”. Through the EHJC, this new graduate is adding her ideas and her voice to the exchange among and between neighborhood “insiders” and “outsiders” working to improve the quality of life in AP/PW.

D. Plans for Year 4 include:

- Develop strategic and contingency plans; continue to pursue additional funding and support; aggregate, analyze, and report accumulated evaluation data; implement an EHJC-AP/PW conference/bridging mechanism to bring together stakeholders to review achievements, plan next steps, and disseminate EHJC information and research (Aim 1)
- Continue to link NEC graduates with post-graduation activity, work with partner organizations to match and track youths and adults with leadership development opportunities (Aim 2)
- Implement NEC adult and youth classes; continue to strengthen advocacy, oral history, environmental justice theater; integrate new components (e.g., neighborhood design; Aim 3)
- Continue to coordinate with health provider partners about NEC classes and activities that assess and enhance neighbors’ knowledge of health and chemical contamination in AP/PW (Aim 4)
- Review each NEC class and project to assure that each has a component designed to work toward influencing policy change for better ecological health and decreased health risk (Aim 5).
List of Appendixes

(Complete Appendixes Content is on the EHJC website at http://chattanoogacreek.utk.edu)

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    - What is the NEC?
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      o Facilitator questionnaire
      o May 8th Graduation Invitation
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  Part II: A Success Story*** 53
    - Classroom Collaboration with Meharry Medical College, CNP, and SDACHC
      o Recipe booklet “You are What Eat: A Recipe Booklet for Healthier Living” was developed after a NEC Students participated in a focus group at CNP concerning the NEC Health and Wellness Course.

  ***This Booklet will be highlighted at the upcoming National Cancer Institute’s Health Disparities Conference in Washington DC July 13-16 as a “success story”

Part III: Outreach Activities 60
  - All Natural Cooking School April 6th – May 4th 2008
  - Chattanooga Green Public Input Meeting April 24th 2008
  - Chattanooga Food Desert Summit March 27th 2008
  - 1st Annual Health Fair Sponsored by Southside and Dodson Avenue Community Health Centers
  - Greenhouse Project at Calvin Donaldson
Appendix G: Southside Youth EJ Art
- Pictures from Environmental Art Display at C.D. that were created by neighborhood youth and displayed on Science Night

Appendix H: Year 3 EHJC Grant Proposal Submissions
- NIEHS Supplemental Grant
  - Administrative Supplements to Promote Partnerships for Environmental Public Health, Partnerships for Environmental Public Health (PEPH)
    - The proposed project is designed to give residents a more active voice through the construction of a community Environmental Narrative – Request is for $85,884.

Appendix I: The Environmental Justice Theatre with John Sullivan and Brian Parras from The University of Texas Medical Branch (UTMB-NIEHS)
- Invitation letter to participants
- Schedule
- Evaluation
  - Informal Focus Group Questionnaire

Appendix J: EHJC Neighborhood Environmental College – Course II
- Youth NEC Environmental Health and Wellness Class at the AP/PW Bethlehem Center (June 10th – July 15th)
  - Application Packet
  - NEC Health and Wellness Course II Syllabus
  - Schedule
  - Pretest

Appendix K: Year 3 EHJC Presentations
- McKay, Larry Birdsall-Dreiss Lecturer, “Chattanooga Creek: How 30,000 tons of Coal Tar Brought Together Scientists, Social Workers and a Community”
  - February 13, 2008: College of William & Mary (VA)
  - April 9, 2008: Smith College (MA)
  - June 11, 2008 University of Tubingen, Germany
- Rogge, Mary, Invited Lecturer, National Taiwan University, Taipei, Taiwan (July 24, 2007)
- Rogge, Mary Council on Social Work Education 53rd Annual Program Meeting, San Francisco, CA (October 27th – October 30th 2007) scheduled
- Rogge, Mary American Public Health Association Public Policy and Public Health 135th Annual Meeting and Expo, (November 5, 2007) scheduled
- EHJC Team NIEHS Annual Grantee Meeting, Boston Poster Presentation, (December 11, 2007)
- Bruce, John, and Kim Davis, “Building A Neighborhood Environmental College”, presentation on the Exposure Research and Community Capacity Building Panel, at the NIEHS Annual Grantee Meeting (December 11 2007)
- Davis, Kim, Falice Haire, Niakiah Ward, and Shirley Collins, in Popular Arts & Education in Community-Based Participatory Research: Friere, Boal, etc. as Engines of Change in the Real World, with John Sullivan, at the 14th Annual Pedagogy and Theatre of the Oppressed Conference in Omaha, Nebraska (May 24, 2008)
Appendix L: Year 3 EHJC Media Coverage

- Press Releases to Chattanooga Times Free Press
  - Alternative Spring Break Brings North Carolina Students to Calvin Donaldson Elementary School in Chattanooga’s Alton Park Community
  - “Going and Growing Green” Science Night
- “Empowering a Community” - Published on UTK’s website in the Spring 2008
- “Knoxville professor selected to give international lectures” – The Daily Beacon
- “College students build greenhouse at elementary school” – Chattanooga Times Free Press
- “City planners study need for grocery stores” – Chattanooga Times Free Press
- Publications from Community Section of Chattanooga Times Free Press
  - “Registration underway for Neighborhood Environmental College”
  - “Winthrop Students coming to town with service in mind”
  - “Alton Park named one of six urban food deserts in Chattanooga”
  - “Greenhouse coming to Calvin Donaldson”
  - “Going and Growing Green Science Night set for May 8 at Calvin Donaldson”
  - “Report from Forum Theatre shared”