

May 6, 2004

Hedy V. Alavi, Associate Director
Center for Hazardous Substances in Urban Environments
Johns Hopkins University
Department of Geography and Environmental Engineering
313 Ames Hall, 3400 N. Charles St.
Baltimore, MD 21218

Dr. Mitch Lasat, Director
Hazardous Substance Research Centers (HSRC) Program
U.S. Environmental Protection Agency
National Center for Environmental Research
Mail Code 8722R
1200 Pennsylvania Ave, NW
Washington, D.C. 20460

Dear Dr. Lasat:

Enclosed please find the quarterly report for the period of January 1, 2004 through March 31, 2004 regarding the outreach activities of the Center for Hazardous Substances in Urban Environments.

The report encompasses two parts, A and B. Part A includes the general activities that support the outreach efforts and are conducted by the participating institutions within the Center (Johns Hopkins University, University of Maryland, Morgan State University, New Jersey Institute of Technology, and University of Connecticut). Part B includes organized information on the current TOSC and TAB outreach projects in EPA Regions I, II and III, covering the items under reporting requirements of the grant. The Center outreach staff provided technical assistance to thirty-one (31) communities during this period, encompassing sixteen (16) TOSC and fifteen (15) TAB projects.

Please contact me at 410-516-7091 or hedy.alavi@jhu.edu if you need further information.

Sincerely,

Hedy V. Alavi, Ph.D., P.E., DEE

cc: Chris Perkins (UConn, Region I)
Fred Ellerbusch (NJIT, Region II)
Robyn Gilden (UMD, Region III)
Ed Bouwer, Center Director

**Center for Hazardous Substances in Urban
Environments**

Outreach Quarterly Report

January 1 – March 31, 2004

Part A

General Activities Supporting Outreach Efforts

University of Connecticut Principal Projects in EPA Region 1

- Mic Mac Tribe (ME): The tribe will be forwarding health and ecological assessments that they would like us to review. Their opinion of these assessments is that they were poorly done and superficial at best. Concerns center on portions of Loring Air Force base and the tribe's interest in obtaining a fuel farm for a possible Tribal business in fuel oil, etc. They want to determine current conditions and potential risks to tribal members in their traditional use of the lands adjacent to the proposed tank farm.
- Narragansett Tribe (Charlestown, RI): TOSC will be inspecting and making recommendations regarding the clean up of an old auto junkyard (greater than 200 cars) on tribal lands. Additionally, we are in discussions with the tribe regarding on-site training in oil spill response.
- Wampanoag Tribe (Gay Head, MA): The tribe is forwarding tidal charts and maps for our review to assist them in the design of an oil spill containment plan for their cultural and aquaculture sites. TOSC is in discussions with the tribe regarding on-site training in oil spill response.
- Stamford, CT: Outreach staff had preliminary discussions with the representatives of the City of Stamford Land Use Bureau concerning the use of a parcel of land that is contaminated with coal tar residues (used as fill material). This land is planned for use as a commuter-parking garage and a new interstate off ramp. The surrounding community has raised health concerns regarding the proposed disturbance of the old deposits. The Center will develop an assistance plan for this project. No activity has occurred during this quarter.
- Conway School of Landscape Architecture: Staff conducted further planning with the faculty at Conway School to integrate the Ninigret Park site TAB project into the school's practical design curriculum. One focus of this project is to integrate landscape designs into Brownfields sites to minimize exposure through passive recreation. Environmental and community educational elements will be included in the design.

New Jersey Institute of Technology Principal Projects in EPA Region 2

- Continued implementation of projects outlined in the collateral funding received from U.S. EPA Region 2:
 - Developed and facilitated a roundtable for about 65 professionals from Brownfields assessment communities located in New York. The roundtable was held in Albany, NY and discussions included the EPA Brownfields program, the current New York Brownfields legislation, Brownfields opportunity areas, and vapor intrusion issues.
 - Developed and facilitated a workshop for Brownfields stakeholders in the U.S. Virgin Islands focusing on voluntary cleanup programs. About 35 people attended from the islands of St. Johns, St. Thomas, and St. Croix.
 - Consulted with Virgin Island Department of Planning and Natural Resources staff on the design of a voluntary cleanup program (VCP). A subsequent meeting included legislative staff to provide information and recommendations for a future VCP initiative.
 - Facilitated a week long meeting with 10 communities, federal government officials, and Puerto Rico Commonwealth officials on Brownfields development and needs. Work with the communities involved by mentoring them through a process to identify, design, and present needs as well as future actions.
 - Continued the planning process for stakeholder outreach meetings.
 - Continued to develop the Expert System Decision Model logic and outputs.

- Planning for a Superfund site redevelopment workshop culminated into a day long broadly defined Land Revitalization Conference in the latter part of the quarter. About 100 people attended the EPA and NJDEP sponsored event. The conference examined the remaining barriers to future site cleanup and development in New Jersey. NJIT staff facilitated morning and afternoon sessions focused on "Regulatory and Process Improvements to Facilitate Redevelopment" and "Getting to the Finish Line" respectively.

- Continued planning and implementation activities associated with the USEPA-NJIT cooperative agreement on the use of the Triad framework in the Assessment and Community Assistance using an Area Wide Approach. Coordinated records requests with NJDEP and meetings with Elizabeth Development Corporation representatives on follow-up actions for properties that were identified within the NJDEP Brownfields Development Area. These properties were listed on the Known Contaminated Site List and may have case files that could add NJDEP existing data to our analysis. Data gap analysis will be performed after the data from case files has been collected and reviewed during the next quarter.

- Environmental justice funding initiatives for South Camden were reopened through preliminary discussions with the Ford Foundation, in collaboration with Tufts University to determine if health related outreach activities are fundable.

- Finalized an agreement for technical assistance for the Area Wide characterization component of the Hudson County Area Wide Assessment Project.

Principal Projects in EPA Region 2 continued

- Finalized an agreement for technical assistance for characterization component of the New Jersey Meadowlands Commission Paterson Plank Road (PPR) Brownfields Redevelopment Area project. Worked on preparation of a report summarizing the environmental information on properties clustered in the PPR Brownfields area by using an area-wide approach for site characterization to develop baseline environmental information. The Commission will include the baseline information as part of a RFP package for redevelopment.
- Participated in the NJDEP Triad/Brownfields Tech Committee, which is charged with exploring how the Triad Approach can merge with the NJDEP Tech Regulations. Draft working documents of generic field decision logic were developed for review and comment. Comments were provided on NJDEP policy directed at the Triad Approach.
- Continued discussions with stakeholders in the NJDEP Brownfields Development Areas for the purpose of future technical support.
- Published a paper in Remediation Journal on the Triad Approach study entitled "Using the Triad Approach to Expedite the Acquisition of an Abbott District School Site" 14(2): 85-105.
- Began preparation of a paper on TOSC case studies, in collaboration with colleagues at Tufts University, for the Journal of Local Environment.
- Continued discussions on potential TOSC and TAB projects (initial and follow-up inquiries) during the quarter including:
 - Broome County New York Brownfields team on participation and assistance for training.
 - Lackawanna New York Brownfields team on development of two workshops for 2004; for Risk Assessment and Institutional Controls.
 - Watsessing Avenue Neighborhood Association in Bloomfield, New Jersey on a former Westinghouse manufacturing site slated for redevelopment.
 - Hillcrest Citizens Action team in Hillcrest New York, which is focused on two site clean-up projects.

University of Maryland Principal Projects in EPA Region 3

- The Program Manager is the Chair and Outreach Director is a member of the Community Health and Protection subgroup of the Governor's Commission on Environmental Justice and Sustainable Communities working to ensure communities have access to information and resources related to environmental health issues.
- The Outreach Director is a Commissioner of the Governor's Commission on Environmental Justice and Sustainable Communities. The Program Manager attends the commission's meetings to assist highlighting and addressing environmental justice issues in Maryland communities.
- Region 3 Outreach staff and the Region 3 EPA Community Involvement Office are organizing a regional community involvement conference for state and local government and communities.
- The Program Manager and Outreach Director are collaborating with Regional Administrator, Donald Walsh, and his staff on improving utilization of public health professionals in environmental protection activities. Similar collaborations are also being discussed with Dalton Paxman, Region 3 Health Administrator for US DHHS.
- The Program Manager is assisting on the TOSC/TAB/EPA 2004 conference planning committee, and the Outreach Director will be leading a session on increasing community participation in the redevelopment and technical assistance process.
- The Program Manager is collaborating with representatives from NOAA, NEETF, NWS, AMS, and University of Maryland College Park to improve Environmental Health knowledge of Meteorologists so they improve communication with viewers on risks to their health and ways to protect them.
- Outreach staff attended the Baltimore Brownfield Coalition meeting and provided comments on the proposed MD Brownfield legislation to be introduced this session. Recommendations focused on the need to ensure public participation is early and meaningful in the process.
- Region 3 Outreach staff sought out and offered services to potential communities in Tamaqua, PA; Hampstead, MD; Heidelberg, PA; and Ravenswood, WV.
- Region 3 Outreach staff introduced The Center for Hazardous Substances in Urban Environments and its services to the new Community Redevelopment (Brownfield) Coordinator at Maryland Department of Environment and the new Brownfields Coordinator for Delaware Department of Natural Resources and Environmental Control.
- Region 3 Outreach Staff participated in a briefing for EPA Headquarters on Center activities.

Principal Projects in EPA Region 3 continued

- The Program Manager presented environmental health and community involvement at hazardous waste sites lecture for graduate community health nursing students to increase their knowledge and awareness of issues and encourage their participation.
- The Program Manager is working with APHA's Environment Section and Public Health Nursing Section to increase awareness of community outreach needs at hazardous waste sites and how, as health care professionals, they can have a role.

**Center for Hazardous Substances in Urban
Environments**

Outreach Quarterly Report

January 1 – March 31, 2004

Part B

TOSC and TAB Outreach Projects

SUMMARY
Center for Hazardous Substances in Urban Environments
Summary of Outreach Projects
January 1, 2004 to March 31, 2004

EPA Region	TOSC	TAB	Total
I	5	6	11
II	8	4	12
III	3	5	8
Total	16	15	31

SUMMARY
Center for Hazardous Substances in Urban Environments
Summary of Outreach Projects with Detail

EPA Region	Project Title/ Community/Location	TAB/TOSC
I	Aberjona River /Industri-Plex Superfund site Woburn, MA	TOSC
I	Ninigret Park Charlestown, RI	TAB
I	Newhall Coalition Hamden, CT	TOSC
I	Mallory Hat Factory Danbury, CT	TAB
I	Massachusetts Military Reservation (MMR) Cape Cod (several towns), MA	TOSC
I	Regional Growth Partnership New Haven, CT	TAB
I	Rocky Hill, CT	TAB
I	Coltsville Redevelopment Project Hartford, CT	TAB
I	Roosevelt Mills Vernon, CT	TAB
I	Unnamed Fish and Game Club/ Lead Remediation CT	TOSC
I	Passamaquoddy Tribe at Pleasant Point	TOSC
II	Abbott School Districts Statewide, NJ	TAB
II	Brownfields Environmental Solutions for Trenton	TAB
II	Bloomfield, NJ	TOSC
II	Buzby Landfill Voorhees, NJ	TOSC
II	Camden, NJ (Fettersville Community Organization/Macedonia Historical Association)	TOSC
II	Ft. Edwards, NY	TOSC
II	Heart of Camden Camden, NJ	TAB

SUMMARY
Center for Hazardous Substances in Urban Environments
Summary of Outreach Projects with Detail

EPA Region	Project Title/ Community/Location	TAB/TOSC
II	Ironbound Community Corp Newark, NJ	TOSC
II	Long Branch Coal Gasification Long Branch, NJ	TOSC
II	Camden, NJ Martin-Aaron	TOSC
II	Ford Avenue Redevelopment Project Milltown, NJ	TAB
II	New York State Department of Housing and Community Renewal Statewide, NJ	TOSC
III	Lamont – Riggs Park Washington, DC	TOSC
III	Metachem Delaware City, DC	TOSC
III	Brooklyn/Curtis Bay – Potee-Garrett St. Site Baltimore, MD	TAB
III	Highway Petroleum Abandoned Gas Station, MD	TAB
III	East St./Carroll Creek Brownfield Sites, MD	TAB
III	Central Chemical Superfund Site Hagerstown, MD	TOSC
III	Brown Derby Abandoned Gas Station, MD	TAB
III	Lester’s Garage Abandoned Gas Station, MD	TAB
III	Woodberry Land Trust Baltimore, MD	TOSC

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Aberjona River /Industri-Plex Superfund site
City	Woburn
State	MA
EPA Region	Region 1
Community Contact	Anthony Imperioso/ Paul Maderios
State Contact	N/A
EPA Contact	Joe Lemay
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Christopher Perkins/ Kevin Hood
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The Industri-Plex Superfund site is a 245-acre property located in a dense commercial and industrial area in Woburn, Massachusetts, a city 12 miles north of Boston. The site comprises both commercially developed and undeveloped property. Several ponds and wetland areas that support various fish, wildlife, and vegetation are located on or next to the site. In addition, two streams, including the Aberjona River, cross the property and eventually feed into the Upper Mystic Lakes, a popular recreation area located six miles downstream. EPA is finalizing both ecological and human health risk assessments associated with contamination of the Aberjona River. There is some skepticism from the City and community regarding these assessments.</p> <p>The USEPA Region 1 Administrator has sent a letter requesting that the City of Woburn and community groups make use of ERI under the TOSC/TAB program. EPA has said in conversations with TOSC and city council that health risk appears to be minimal, the council is very concerned that this will raise public concerns and diminish commercial and private property values. The City has requested our help in educating and explaining to concerned citizens the findings in terms of health risk.</p> <p>Tufts University and TOSC personnel provided a comprehensive review of the human health and ecological risk assessment for the Aberjona River. The reviews of these reports were extensive, due to their large size and complexity, and required approximately 140 man-hours to complete. The Comments for the ecological risk assessment were submitted to EPA, to be incorporated into the formal comment process.</p> <p>Activities: TOSC is reviewing potential risk to residents in the flood plain of the Aberjona river. We have received various GIS maps and overlays and have compared these with soil chemistry data to help assess if individual residences are in areas where contaminants are of concern. We are in the process of comparing these concentrations to benchmarks used in the Massachusetts Contingency Plan.</p>	

Future Activities Planned:

TOSC will continue to act as facilitators between EPA and the City and community groups. We will officially submit the reports and orally present our findings to the City Council during the next quarter. We will finalize our review of the floodplain data and make a presentation to the city council.

Additionally, in the near future, EPA will be releasing their risk assessment for the corridor north of Interstate 128. TOSC will be tasked to review and comment upon this document as well.

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Ninigret Park
City	Charlestown
State	RI
EPA Region	Region 1
Community Contact	Virginia Wooten
State Contact	N/A
EPA Contact	N/A
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The town of Charlestown, RI has requested TAB to assist them in understanding the implementation of the remediation plan of a former Naval Air Station located adjacent to Long Island Sound that has been turned over to the town by the Federal government. There are multiple contaminants of concern, including benzene, lead and free phase gasoline. Nitrogen is causing explosive growth of an invasive pond weed “milfoil” filling the pond in warm weather requiring daily threshing to keep the pond usable for swimming.</p> <p>We will be working with the Ninigret Park Contamination Study Committee.</p> <p>Activities: TAB will bring in some expertise from the Conway School of Landscape Architecture to help the town and community undertake the visioning process for their park. The work for this aspect of the project is expected to occur during the next quarter.</p> <p>We have attended three meetings with the committee to facilitate the follow up contaminant delineation activities and two site visits to obtain digital photographs and maps for the Conway School.</p> <p>Initial site tours for the landscape design portion of this project have begun.</p> <p>Future Activities Planned: The initial visioning process for the site design with the students of the Conway School will occur in May of 2004. As part of this process we will hold meetings where all stakeholders can share their vision for the park and an overall site design concept can evolve.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Newhall Coalition
City	Hamden
State	CT
EPA Region	Region 1
Community Contact	Ann Altman/ Elizabeth Hayes
State Contact	Shannon Wyndish (CT DEP)
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The Newhall Coalition is a community group that represents a minority neighborhood that was in large part built over an industrial and municipal landfill. The Newhall Street neighborhood was built on a site where, for years, the Olin/Winchester chemical factory dumped ash, batteries, and chemicals. Polycyclic aromatic hydrocarbons, lead, and other heavy metals have been found in the soil of an adjacent middle school and on the properties of homes in the neighborhood. In February the CTDEP announced that an agreement has been reached to provide for the investigation and cleanup of contamination of the Newhall Street neighborhood</p> <p>The primary environmental issues are health and property concerns as a result of the landfill and any remedial activities that will occur. One key issue as it relates to the remediation plan is the relocation of excavated landfill to the adjacent middle school.</p> <p>CTDEP is utilizing several outside contractors to act as mediators and outreach personnel for this program. TOSC will provide technical support to the Newhall Coalition.</p> <p>Activities: During this period, TOSC has been acting as a facilitator between the CTDEP and the Newhall Coalition regarding the remediation plan. We have attended 13 meetings during this quarter regarding this program. TOSC personnel have been working on a nearly daily basis with the Coalition to review documents, advise them on possible courses of action, and answer technical questions.</p> <p>TOSC is reviewing two epidemiological studies, one by the local health district and another by a Yale graduate student and the Environmental Justice Network. We will be presenting our findings to the community during the next quarter.</p>	

Future Activities Planned:

TOSC will continue to act as facilitators between the Coalition and the CTDEP. TOSC representatives will attend the community meetings; both Newhall Coalition and the CTDEP led informational meetings.

At the request of the Newhall Coalition, TOSC will provide a series of seminars starting in April on laboratory testing and sampling processes and “Brownfields 101”.

There have been delays in the release of the site assessment and remediation plan documents during this quarter. TOSC will be reviewing these as they become available and providing comments to the Newhall Coalition.

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Mallory Hat Factory
City	Danbury
State	CT
EPA Region	Region 1
Community Contact	Jack Kozuchowski
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: Danbury historically was the center of the New England hat making industry over the last 150 years. It is known that mercury was extensively used in the production of felt for hats, and mercury was released to the Still River and groundwater in the area, and is still present in sediments. Last summer, a professor from the University in Connecticut released information to the press regarding an independent study that he conducted on mercury contamination in Danbury. This has raised concerns in the community and forced the City of Danbury Health Department to respond to these concerns. This site is part of a Brownfields Assessment Pilot, and the City is actively seeking redevelopment. The preliminary assessments completed (Phase I and II), if accurate, could minimize the ability to develop this property. This professor has also just announced his intentions to perform his own risk assessment study which will likely result in additional concerns for the community.</p> <p>We have recommended a baseline and periodic atmospheric mercury monitoring plan prior to the start of this remediation process to alleviate concerns regarding transpiration of mercury from the leaves. We worked with the City to design a pilot/ baseline monitoring program which will help alleviate some concerns regarding the potential for mercury to be emitted to the atmosphere during the transpiration process.</p> <p>Activities: None during this quarter</p> <p>Future Activities Planned: TAB will continue to act as facilitators between the City, community, and CTDEP. We will continue to work with the City and the community to assess data gaps and act as third party reviewers. The community and town have tabled the risk assessment, but this may be required in the future.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Massachusetts Military Reservation (MMR)
City	Cape Cod (several towns)
State	MA
EPA Region	Region 1
Community Contact	Richard Hugus and other community members of the Impact Area Review Team
State Contact	Len Pinaud (MA DEP)
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description:</p> <p>The primary environmental issue is the large-scale contamination of the Massachusetts Military Reservation with explosive and other contaminants and the migration of these contaminants into the surrounding residential areas via 19 individual contaminant plumes. ERI personnel and a subcontractor are technical representatives (TOSC) for the community as part of the Impact Area Review Team (IART).</p> <p>ERI TOSC personnel attend monthly IART community meetings on Cape Cod as well as Technical Team meetings. The TOSC members also review any appropriate documents generated during this study and provide technical input on behalf of the community. The TOSC staff regularly meets with the military and their consultants during this quarter to discuss progress and future directions on their groundwater modeling.</p> <p>The key issue that has continued to be raised during this program is perchlorate contamination and the fluctuating standards that are being proposed by EPA and the military.</p> <p>Activities:</p> <p>A total of 9 meetings have been attended by ERI personnel this quarter. TOSC personnel attended monthly IART community meetings on Cape Cod as well as several weekly Technical Team meetings during this reporting period. We meet with the community members before the IART meeting to discuss key issues that need to be raised during the general meeting.</p> <p>We are also working with the study team (Military, Consultants, and IART) to find ways to improve the presentation of the information to the IART, in order to improve the IART and Army interaction.</p>	

We are advising the community members of the IART on the validity of proposed remediation methods and timetables.

TOSC has begun a series of tutorials on subjects such as thermal desorption, activated carbon and Ion exchange membranes that will be used in remediation. These tutorials are for the education of the resident representatives.

Future Activities Planned:

Will continue to review documents as they become available. TOSC staff will continue to attend monthly IART meetings and weekly Technical Team meetings.

TOSC is developing a series of half hour educational presentations for the monthly meetings, beginning with the strengths, and weaknesses of modeling. These meetings usually have at least 50 attendees, with representation from the community as well as other parties.

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Regional Growth Partnership
City	New Haven
State	CT
EPA Region	Region 1
Community Contact	New Haven Regional Growth Partnership
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The Regional Growth Partnership (RGP) is a Brownfields Pilot recipient and also lead agency for a smart growth project that involves the Quinnipiac River Conservation and Development Corridor. A workshop was presented on Brownfields legislation and its impact on the liability framework and tools for managing liability. A follow-up to this workshop is planned for the summer to help the Board gain a better understanding of the decision-making process for acquisition of contaminated properties. It is planned that this session and research will help the Board create a model process to be used in its deliberations along the Corridor.</p> <p>Activities: TAB has closed out this program during this quarter.</p> <p>Future Activities Planned: None</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Rocky Hill
City	Rocky Hill
State	CT
EPA Region	Region 1
Community Contact	Jeanne Webb Chavez/ Glenn Parent
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: TAB is involved with two projects in Rocky Hill. The first project is the assessment of a former police firing range in order to determine clean up requirements before marketing the site as a light industrial business location. Secondly, TAB has been asked by the town to advise them on use and processes associated with a closed 45 acre privately owned municipal landfill site. This site is expected to become the town's responsibility resulting from nonpayment of taxes. The town's original plan was to use it to store stumps.</p> <p>Activities: Project 1: After a review of historical documents, it was determined by TAB that the site had in fact been little used as a firing range. Preliminary review using a XRF analyzer determined that the soil was well under clean up levels. However three telephone poles "stubs" were found that had been used as target backstops, which would have to be disposed of as contaminated waste. The Boston Lead Company of Middletown was contacted by TAB and Rocky Hill for confirmation of this opinion. After a joint site inspection they concurred with this opinion. The "stubs" have been removed and the site is being marketed. <i>This project was completed during the previous quarter.</i></p> <p>Project 2: The town was going to use it to store stumps and TAB strongly advised the town not to as heavy equipment traffic would damage the containment cap. This was later confirmed by the engineer who installed the cap 25 years ago. TAB is doing research in regulation and engineering to find a good recreational use for the site at this time. The project is on hold while the town decides what to do with nearby land – and its regulated use as light industrial or residential. This issue is expected to be resolved soon due to development pressure.</p> <p>Future Activities Planned: Research continues to determine potential end uses of the site and TAB will continue presentation of these ideas to the city.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Coltsville Redevelopment Project
City	Hartford
State	CT
EPA Region	Region 1
Community Contact	Carol Coburn - CSS/CON
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: A Community group- CSS/Con and the City of Hartford has asked TAB to review asbestos and lead remediation plans that were proposed as part of the revitalization project. The group was concerned that lead and asbestos would be released into the neighborhood and to tenants still occupying part of the complex.</p> <p>Activities: The lead and asbestos plans were reviewed and found to be appropriate. TAB has met with the developer and performed a site inspection tour. The project has continued with follow up meetings and was completed during this quarter.</p> <p>Future Activities Planned: None</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Roosevelt Mills
City	Vernon
State	CT
EPA Region	Region 1
Community Contact	Larry Schaffer
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: Vernon, like innumerable New England towns has an abandoned textile mill that the town is trying to redevelop. Roosevelt Mills is a 100 year old concrete structure that is contaminated by dry cleaning solvent (TCE) and other contamination from the wool sweater production operations. TAB is assisting the town with technical issues related to the redevelopment of the property, including community outreach.</p> <p>Activities: No activity has occurred during this quarter</p> <p>Future Activities Planned: Provide educational, outreach and technical support to the town as necessary.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Unnamed Fish and Game Club/ Lead Remediation
City	
State	CT
EPA Region	Region 1
Community Contact	Larry Webster-President
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: A gun and fishing club, that has seven hundred members, has asked TOSC to research, make recommendations and facilitate lead containment, lead recovery and eventual remediation. Recent development in the area of this club has increased awareness both by the community and the club. The club's directors wish to be proactive rather than reactive. This is a very active club with rifle, pistol skeet, trap and archery ranges. The club regularly hosts organized shoots and competitions of all types. At this time they wish to have their interest remain confidential.</p> <p>Activities: TOSC conducted research on remediation options, contractors and results of work done at other ranges. The EPA's publication-Best Management Practices for shooting ranges will be used as the primary reference for this project. TOSC has assisted the group on the review and interpretation of soil alkalinity and type data, as a first step in making recommendations. TOSC has recommended using a "bio-clay" target that is biodegradable and alkaline, which is important to prevent lead mobilization. As a result of our recommendation, this was implemented.</p> <p>As a result of the above initial activity during the previous quarter, we have applied this model to three other fish and game clubs. We are in the early stages of this process and expect the assistance to the three organizations to be completed during the next quarter.</p> <p>A series of outreach materials have been drafted and are in the revisions stage.</p> <p>Future Activities Planned: TOSC will be developing a series of fact sheets and outreach materials on this issue which will be provided to fish and game clubs within Region 1.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Passamaquoddy Tribe at Pleasant Point
City	Perry
State	ME
EPA Region	Region 1
Community Contact	Marvin Cling – Environmental Technician
State Contact	N/A
EPA Contact	Jim Murphy
Institution/Center	ERI/ UConn
Outreach Director/Manager	Christopher Perkins
Project Manager/Coordinator	Kevin Hood
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: TOSC staff (in conjunction with Mr. Charlie Zimineski, a former Connecticut Department of Environmental Protection employee) conducted a two-day educational session to address the environmental training needs of the Passamaquoddy tribe. The participants included representatives from the tribe, Maine Department of Environmental Protection, U.S. Coast Guard, and the U.S. Navy.</p> <p>Activities: Several new activities have sprung out of this initial project, including the review and comment of quality assurance documents prepared by the tribe for their environmental monitoring programs. Additionally, TOSC is assisting the tribe with their lead contamination program by providing them with relevant documents and informational materials.</p> <p>Future Activities Planned: Provide further assistance on the documents for their environmental monitoring programs.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Abbott School Districts
City	Statewide
State	NJ
EPA Region	Region 2
Community Contact	N/A
State Contact	Paul Hamilton, School Construction Corporation, NJEDA
EPA Contact	N/A
Institution/Center	Northeast Hazardous Substance Research Center – New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch & Jim Mack
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The New Jersey Supreme Court ruled in <i>Abbott v. Burke</i> that children in urban communities are entitled to a "thorough and efficient" education under the State Constitution. The ruling includes educational standards and quality teaching, health services, extracurricular programs AND safe and adequate school buildings. This last item has been translated into a multi-billion dollar upgrade program for school districts that have been identified as needing help to correct deficiencies. The majority of these districts are urban and because of scarce land availability, new school sites involve Brownfields.</p> <p>Activities: NHSRC continued to provide support through extensive interaction with the NJ School Construction Corporation and NJDEP throughout the quarter. During the quarter we followed up the completed Triad Approach site assessment for the Dudley Avenue School site in Camden with a technical paper that was published in Remediation Journal. We began exploring three new projects, Camden, New Brunswick, and Hoboken which included preliminary site visits and follow-up meetings (all three), site investigation support (New Brunswick), and preliminary site characterization planning (all three). The Newark School site that was reported last quarter was discontinued due to site constraints. We also continued support efforts aimed at securing direct NJSCC project funding to leverage the limited TAB funds.</p> <p>Future Activities Planned: Frequent meetings will continue as well as technical assistance to the SCC/stakeholders as funding allows.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Brownfields Environmental Solutions for Trenton
City	Trenton
State	NJ
EPA Region	Region 2
Community Contact	Leah Yasenchak & JR Capasso
State Contact	N/A
EPA Contact	N/A
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The Brownfields Environmental Solutions for Trenton Advisory Council (BEST) was formalized through a USEPA Pilot grant but originated in the community support work under a previous TOSC project. BEST is focused on the Brownfields opportunities in the city of Trenton, New Jersey ranging from assisted living housing, residential living, to commercial redevelopment. The council also serves as a standing forum for citizen involvement.</p> <p>Activities: Monthly meetings were held during the quarter with presentations from developers, updates on NJDEP initiatives, the TAB program and NJIT support resources, as well as city-wide redevelopment initiatives. Draft documents reviewed during the quarter included: City of Trenton 2004 One-year Consolidated Action Plan, City of Trenton Comprehensive Economic Development Strategy, and Trenton Urban Stormwater Retrofit proposal comments.</p> <p>Future Activities Planned: A citywide tour of sites is planned for April along with monthly meetings. BEST has also prepared a proposal for a Brownfields 2004 panel.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Bloomfield, NJ
City	Bloomfield
State	NJ
EPA Region	Region 2
Community Contact	Mary Shaughnessy
State Contact	N/A
EPA Contact	N/A
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: In December 2002 NHSRC was requested to visit a housing development on a former mercury thermometer-manufacturing site. According to the neighborhood group the plan is to build 166 townhouses on two former industrial sites contaminated with mercury, lead, tetrachloroethylene, chloroform, benzene and pesticides. Both sites, which abut each other, are in a floodplain/wetlands; the 42-unit site will be capped; the 124-unit site is undergoing remediation. Surrounding neighbors are fearful of the ongoing work, poor information, and claimed lack of oversight. A site visit was conducted.</p> <p>Activities: Contact was made during the quarter and additional meetings were being planned for the second quarter of 2004. We learned that the community continued to be actively involved in development issues and has requested information from NJDEP related to the case files of the affected area. Contact was made with NJDEP as a follow-up for the community group.</p> <p>Future Activities Planned: A site visit will take place during the 2nd quarter to review progress and discuss next steps and support activities.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Buzby Landfill
City	Voorhees
State	NJ
EPA Region	Region 2
Community Contact	KK Wu, Buzby Landfill Task Force
State Contact	Steve Kehayes, NJDEP
EPA Contact	Larry D'Andrea, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: NHSRC provides technical assistance to the Voorhees Township Buzby Landfill Task Force. The Task Force is focused on the proposed clean-up of the Buzby Landfill, a site that had received industrial and municipal wastes and is located near a residential area. Technical assistance began during the third quarter 2002 to support the Task Force and Township vision of site redevelopment into recreational and office park land uses. The Responsible Parties (Township is a Responsible Party) reached a tentative agreement on the use of the landfill that would accommodate restricted access to the landfill - in order to keep the current institutional control solution scenario - and the new uses. Our involvement is focused on cap and sediment concerns as they relate to redevelopment of the site for commercial and recreational purposes. The Task Force is quite active, holding monthly meetings that are well attended by local stakeholders.</p> <p>Activities: During this quarter meetings were held with community and technical representatives on several occasions to review redevelopment plans for the Landfill, review of documents submitted by responsible parties to NJDEP, and participation in planning meetings for an Earth Day town meeting to unveil plans for the Landfill redevelopment. Community concerns are related to the industrial portion of the landfill, which will not be redeveloped, and center on methane that is either vented or destroyed using a thermal treatment system. In addition, the community began development of a non-profit entity to institutionalize the redevelopment of the site and continued to explore redevelopment-funding sources.</p> <p>Future Activities Planned: Attendance at future Task Force meetings and additional document review and comment are expected. Additional planning and preparation meetings for the Earth Day town meeting have been planned for the upcoming quarter.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Camden, NJ (Fettersville Community Organization/Macedonia Historical Association)
City	Camden
State	NJ
EPA Region	Region 2
Community Contact	Fred Martin, City of Camden
State Contact	Steve Kehayes, NJDEP
EPA Contact	Larry D'Andrea, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: This community group is seeking support for the use of Phytoremediation/retreeing of a City owned Brownfield site using the Paulownia tree, which the community hopes will begin improving the neighboring properties of this disadvantaged community along the Delaware River. Fettersville has a rich history including serving as a key stop on the Underground Railroad. The community would like assistance in the form of a hydrologist and geologist on utilization of perched water as source for garden and tree plantings and assistance on the utility of phytoremediation for this type of property. A site visit of the 80-block area was conducted during the 4th quarter of 2002 and 3rd quarter of 2003.</p> <p>Activities: No follow-up discussions were held with community leadership during the quarter although we continued to explore how a NJDEP urban reforestation program could be used to jump-start the community's plan for the vacant sites. Lack of land ownership may be a barrier. We have also identified the technical resources to support the community's desire to embark on phytoremediation and tree planting. We are continuing to explore how the Fettersville community efforts might be linked to those of the South Waterfront area of Camden</p> <p>Future Activities Planned: Additional meetings will be attempted during the 2nd quarter of 2004 to develop a plan of action on tree planting.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Ft. Edwards, NY
City	Ft. Edwards
State	NY
EPA Region	Region 2
Community Contact	Hudson River Community Advisory Group
State Contact	N/A
EPA Contact	Leo Morales, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: USEPA Region 2 Ft. Edwards Field Office requested TOSC community services support for the Fort Edwards Superfund project (website for the project is www.epa.gov/hudson). NHSRC agreed that with the visibility of this Hudson River clean-up some support would be necessary, dependent on scope of services and funding availability. At this stage what distinguishes the community group from others is that this group had not believed that taking action, as outlined in recent project descriptions was needed. During the latter part of September, NHSRC was requested to prepare a collateral funding request for support of the Fort Edwards community; budget and scope were developed and submitted. This project is not only intriguing from an outreach perspective but also technically challenging given the scope and complexity of the cleanup.</p> <p>Activities: Monthly meetings were held with the Community Advisory Group (CAG) in the Ft Edward area, as well as with Region 2 project leadership at the Ft. Edward Field Office. An overview of the TOSC program and scope of services was presented to the CAG. A question and answer period followed. Attended the Quality of Life Peer Review Panel meeting, as well as a community meeting focused on the same subject. A response was prepared in two presentations on the sequencing of USEPA and NYDEC PCB related actions in the Upper Hudson River.</p> <p>Future Activities Planned: Monthly CAG meetings and review of documents as requested by the CAG.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Heart of Camden
City	Camden
State	New Jersey
EPA Region	Region 2
Community Contact	Chris Auth and Father Doyle
State Contact	Judy Shaw
EPA Contact	Larry D'Andrea, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: NHSRC was requested to provide technical assistance to a South Waterfront Redevelopment Plan sponsored by the Heart of Camden, a community organization located in South Camden. The area has been plagued by encroachment of industrial uses and abandoned property including sites listed on the NJDEP Known Contaminated Site List, USEPA Superfund program and the target of NJDEP enforcement actions. The area is disadvantaged but with strong grassroots community involvement. Our assistance activities were focused on a technical evaluation of the <i>Environmental Risk Management Framework & Mitigation Strategies Interim Report</i> prepared by Vita Nuova LLC under funding by the Heart of Camden. We provide technical suggestions on land use issues and building design for Brownfields.</p> <p>Activities: During this quarter, our involvement with the community leadership, City of Camden, NJDEP, and others continued to be extensive in order to achieve the community's redevelopment objective for the Waterfront South area. The NJDEP Air Toxics study, which was started during the 3rd quarter 2003 to assess land use impacts on the residential neighborhoods, was reviewed with NJDEP, Tufts and NJIT to determine how the study might benefit from an independent transportation related study on diesel emissions. Meetings were held with stakeholders to determine future plans for the area. Preliminary discussions were held with Ford Foundations for a possible health study.</p> <p>Future Activities Planned: Continued interaction with the community is expected during the 2nd quarter as well as with NJDEP leadership on the Air Toxics study as well as development plans that could affect the community.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Ironbound Community Corporation
City	Newark
State	NJ
EPA Region	Region 2
Community Contact	Nancy Zak and Joe Della Fave
State Contact	Steve Kehayes, NJDEP
EPA Contact	N/A
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: As a carryover from HSRC-1, NHSRC has had a long-standing involvement with the Ironbound Community Corporation; we continue to support the ICC on technical issues related to land reuse in the community. The ICC is the principal community group for the eastern section of Newark, called the Ironbound. The area was and remains home to most of Newark's industrial base and is also home to Superfund sites, treatment facilities including the County's solid waste incinerator, as well as a growing demand for housing.</p> <p>Activities: During this quarter we continued to provide technical support to the community on school related issues. New sites have been proposed as alternatives to those reported on last quarter as well as an additional school site. We continued to explore alternatives that would preserve or maximize open space in the area, which has been under intense redevelopment pressure - a possible scenario might involve combining plans for two schools to leverage open space. We continued to explore the joint NJDEP training program for community members on institutional controls. We were requested by ICC to provide support to them as they serve on the NJDEP Brownfields Development Area stakeholder committee for the Ironbound section of Newark.</p> <p>Future Activities Planned: Continued contact will take place during the 2nd quarter for technical assistance as well as planning for the training program.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Long Branch Coal Gasification
City	Long Branch
State	NJ
EPA Region	Region 2
Community Contact	Wyatt Kenoly, Long Branch Concerned Citizens Coalition
State Contact	Paul Smith, NJDEP
EPA Contact	Larry D'Andrea, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: NHSRC was requested to assist community members with concerns over the cleanup of a former Coal Gasification site that is near a residential area; within 1/4 mile are about 500 people including 2 adjacent housing authority sites. This is a CERCLIS listed site but NJDEP lead cleanup that will be reviewed by ATSDR for potential health impacts. We conducted a site visit in late 2002 to review cleanup activities. In the first half of 2003 press coverage increased due to indoor air quality concerns at the neighboring housing development. During the latter half of 2003, relocation of affected residents took place.</p> <p>Activities: No support activities took place this quarter. While it was reported that the community had initiated legal action and it appeared our involvement might not be needed, NJDEP offered our assistance to the community.</p> <p>Future Activities Planned: We will keep the project open during 2nd quarter in case the community is interested in support; if unsuccessful we will close the project due to inactivity.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Camden, NJ Martin-Aaron
City	Camden
State	NJ
EPA Region	Region 2
Community Contact	Fred Martin, City of Camden
State Contact	Steve Kehayes, NJDEP
EPA Contact	Larry D'Andrea, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC

Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:

Project Description:

Under the Superfund pilot project in the City of Camden, the 5.9 acre Martin-Aaron site has been identified by community members and industrial interests alike as potentially usable. The site was host to a former barrel recycler that has been subject to EPA and NJDEP removal actions. The community has developed a plan that calls for locating a farmers market on the site, while a neighboring industry has expressed an interest to use the land for expansion. The City would like to use this project to not only arrive at a best use option but also to empower the community and create academic linkages. The City believes that community members would benefit from capacity building in the form of risk skills training modeled after the North Camden training conducted through NHSRC several years ago. The City also believes a planning (with economic/feasibility components) analysis would be useful to determine the viability and desirability of either or both land-use options. A final component will be facilitation related to redevelopment in a former industrial area. We are exploring with Rutgers University Bloustein School of Planning and Public Policy the potential to jointly provide a planning (with economic/feasibility components) analysis to determine the viability and desirability of either or both land-use options and the risk skills training.

Activities:

With project funding uncertain, no activities took place this quarter.

Future Activities Planned:

The scope of this project remains in flux, we will continue to seek clarification and refinement during the 2nd quarter of 2004.

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Ford Avenue Redevelopment Project
City	Milltown
State	NJ
EPA Region	Region 2
Community Contact	Denise Nickel, Middlesex County Improvement Authority
State Contact	Marie Franco-Spera, NJDEP - a transition is expected in the near future
EPA Contact	Carl Struble, USEPA
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Jim Mack
Project Manager/Coordinator	Jim Mack
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: At the request of NJDEP, NHSRC provided technical support to facilitate the Systematic Planning and Work Plan preparation phases of the Triad Approach. The Ford Avenue Redevelopment Project is a former Michelin Tire manufacturing facility located on 20 areas of land in Milltown, NJ. The Ford Avenue Authority was created to provide a mechanism to redevelop this site into senior housing, market rate residential and mixed use commercial. The project involves coordination among key stakeholders including Middlesex County Improvement Authority (MCIA), the NJDEP, the developer, USEPA Region II Brownfields, USEPA Region II Mobile Laboratory, the MCIA consultant, Argonne Labs and USEPA Technology Innovation Office.</p> <p>Activities: During the quarter we managed the preparation of the Milltown Stage 2- SI/RI Work Plan (WP). The purpose of this WP is to develop a Triad based approach for the site characterization component. This involved coordinating the input from several groups preparing sections of the WP, interfacing w/NJDEP on the components of the Triad approach, working with Region 2 EPA Brownfields group on the components of the investigation and keeping the developer and the Middlesex County Improvement Authority informed on the progress of the WP. Also during this period we assisted in the preparation of an application for additional funding to the Hazardous Site Discharge Remediation Fund (HSDRF).</p> <p>Future Activities Planned: Additional planning sessions will be held during the 2nd quarter, including an update for NJDEP leadership.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	New York State Department of Housing and Community Renewal
City	Statewide
State	NY
EPA Region	Region 2
Community Contact	N/A
State Contact	Barbara Wigzell
EPA Contact	N/A
Institution/Center	Northeast Hazardous Substance Research Center - New Jersey Institute of Technology
Outreach Director/Manager	Fred Ellerbusch
Project Manager/Coordinator	Fred Ellerbusch
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: The New York Department of Housing and Community Renewal is the responsible agency for funding and approving affordable housing projects in the state of New York. Under state law, an environmental review is necessary for a significant state action, similar to NEPA review under federal law. Often, new projects involve reviews which have land-based impacts such as soil contamination or groundwater contamination that could affect future residents. NHSRC and NYDHCR have begun discussion to determine if TOSC can provide technical support to the Environmental Analysis Unit of the Department. TOSC support could positively affect many communities and future residents that have been impacted by soil and groundwater contaminants.</p> <p>Activities: During the 1st quarter we reviewed four documents related to two potential affordable housing projects planned for sites that contained hazardous substances in New York state. Questions and comments were offered for the documents which included health and safety plans as well as initial environmental review materials.</p> <p>Future Activities Planned: Follow-up discussions on comments are planned. We will likely review draft informational material that could be used to inform future residents. We were informed that a number of new projects are expected in the near future.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Lamond – Riggs Park
City	Washington
State	DC
EPA Region	Region 3
Community Contact	Councilman Adrian Fenty
State Contact	Dr. Sreenivas, Deputy Bureau Chief, DC DOH; Dr. Koffy, DC DOH; Mick Butler, MDE
EPA Contact	Vance Evans, CIC; Marcus Aquino, OSC Superfund; Andrew Fan, Program Manager, RCRA; Joan Schaeffer, Communications Coordinator, RCRA; Lora Werner, ATSDR; Betty Ann Quinn, Toxicologist, RCRA
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>In 1989 the Chevron Station reported a Leaking Underground Storage Tank (LUST) and Maryland Department of the Environment installed a pump and treat system with monitoring to remove the gasoline. In 2001 the gasoline plume was detected under Lamont – Riggs Park, a residential area in DC. EPA Region 3 was asked to take over the remediation since it crossed jurisdiction lines and EPA’s RCRA program became involved at the site. Recently EPA’s Superfund program has been included to help address some of the contaminants detected during sampling that are not coming from the gas station, mainly PERC.</p> <p>EPA Region 3 has recommended this site for TOSC assistance to help identify all stakeholders, provide education and information, and create a venue where all voices can be heard.</p> <p>Activities: 1st QRTR 2004 Outreach staff met with representatives from EPA Region 3 to discuss the best venue for TOSC assistance with the community. The community is interested in forming a CAG and the Center will offer services and assistance if requested by the community group. Center staff attended several informational meetings March 9 to gauge interest in the CAG and presented options for TOSC assistance.</p> <p>Future Activities: The Center will continue to work with interested community members, EPA, and other stakeholders in formation of the CAG and delivery of technical assistance as requested by the group.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Metachem
City	Delaware City
State	DE
EPA Region	Region 3
Community Contact	
State Contact	Marjorie Crofts
EPA Contact	Trish Taylor, Michael Towle, Hilary Thornton
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>The Standard Chlorine of Delaware, Inc. produced chlorinated benzene compounds on-site from 1966 to 2002. The 46-acre site was listed on the NPL in 1987 due to chlorobenzene spills in 1981 and 1986. Chlorobenzenes have been found in the ground water, soil, sediments, and surface water. People may be exposed to the chemicals by direct contact with contaminated soil or accidentally ingesting contaminated soil or water. About 152,000 people draw ground water from public and private wells within a three-mile radius of the site. Approximately 30 people reside within a mile of the site. Wetlands near the site are threatened. Chlorobenzenes have been found in tissue of fish obtained from Red Lion Creek.</p> <p>In May 2002 the U.S. Environmental Protection Agency (EPA), in coordination with the Delaware Department of Natural Resources and Environmental Control (DNREC), initiated an emergency response following the abrupt closure, bankruptcy, and abandonment of the plant by its owner, Metachem Products, LLC. EPA and DNREC are performing a number of immediate actions to stabilize the site. Such actions include maintaining security and stabilizing the site, operating the wastewater treatment plant, re-activating the groundwater pump-and-treat system, and securing chemicals left in tanks and rail cars. Due to its bankruptcy, Metachem will be unable to perform further cleanup, so EPA will complete the remainder of the original cleanup, including the completion of a groundwater barrier and pump-and-treat system and thermal treatment of contaminated soils. EPA will evaluate the need for additional cleanup resulting from the abandonment of the plant.</p> <p>Activities: 1st QRTR, 2004</p> <p>The initial community meeting was held February 4, 2004 and included participants from the surrounding community, EPA, DNREC, and TOSC. Several people signed up for further information and Center staff followed-up with them after the meeting. Staff is developing answers for the few questions raised by the community members and is also assessing what is the best level of involvement based on community need and interest. Additionally, the Center received a request from Delaware City local government officials to review the RI/FS</p>	

work plan and present a summary at the next business meeting. Staff is also planning a site tour and interview with the OSC, Mike Towle April 2. Staff is maintaining communication with EPA, DNREC, and interested community members.

Future Activities:

Staff will respond to questions as needed and will work with the community to determine needs and desired level of involvement.

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Brooklyn/Curtis Bay – Potee-Garrett St. Site
City	Baltimore
State	MD
EPA Region	Region 3
Community Contact	Carol Eschelmann
State Contact	Evans Paul (Baltimore City)
EPA Contact	
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>This 8-acre site was initially a landfill followed by a junkyard/auto salvage operation that has been vacant for the past 15 years. Contaminants on-site include petroleum contaminated soils, drums of roofing material, lead, heavy metals, methane gas, and possibly UST's. The site is currently owned by the State of Maryland but will be purchased by Baltimore Development Corporation (BDC) to be assessed under their EPA Brownfields Assessment Grant. The community has requested The Center's assistance with technical information and help with distributing information to the community.</p> <p>Activities: 1st QRTR, 2004 Outreach staff reviewed site documents provided by BDC and requested similar documents from MDE to review. Staff will provide comment to the community and help community members understand and distribute information during the assessment phase.</p> <p>An MOU has been established with the community.</p> <p>Future Activities: The Center will continue to review environmental data as it becomes available and provide information and education to the community as requested.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Highway Petroleum Abandoned Gas Station
City	Cumberland
State	MD
EPA Region	Region 3
Community Contact	
State Contact	Karl Kalbacher, MDE
EPA Contact	
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description:</p> <p>This site is part of the MDE Brownfields Assessment Grant application to EPA. This site was a former gas station and convenience store, abandoned since 1993. The USTs on site still contain product and the tank fill pipes are unlocked. Leaking from the tanks is suspected since odors are present in two observation wells.</p> <p>The Center has been contacted to perform community involvement related to the assessment project. In preparation of the grant submission, the Center began meeting and interviewing key informants to identify all possible stakeholders. The grant was awarded to MDE on 6/20/03. The Center will continue to identify interested parties and conduct outreach activities based on specific needs.</p> <p>Activities: 1st QRTR, 2004</p> <p>MDE and EPA continue negotiations on the final approved workplan for the site. The Center is waiting to hear from MDE about the proposed time schedule and MOU. In the meantime, Outreach staff has re-contacted various community members that had been interviewed originally to get their input on additional contact lists and location for an introductory meeting for the project.</p> <p>Future Activities:</p> <p>Once the grant is processed, the Center, in conjunction with MDE, will hold meetings, workshops, and focus groups, and disseminate information about the project and its progress in a variety of formats.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	East St./Carroll Creek Brownfield Sites
City	Frederick
State	MD
EPA Region	Region 3
Community Contact	
State Contact	Karl Kalbacher, MDE
EPA Contact	
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description: This site is part of the MDE Brownfields Assessment Grant application to EPA. There are about 8 sites proposed for assessment all within the downtown commercial district of East St. and Carroll Creek.</p> <p>The Center has been contracted to perform community involvement related to the assessment project. In preparation of the grant submission, the Center began meeting and interviewing key informants to identify all possible stakeholders. The grant was awarded to MDE on 6/20/03. The Center will continue to identify interested parties and conduct outreach activities based on specific needs.</p> <p>Activities: 1st QRTR, 2004 MDE and EPA continue negotiations on the final approved workplan for the site. The Center is waiting to hear from MDE about the proposed time schedule and MOU. In the meantime, Outreach staff has re-contacted various community members that had been interviewed originally to get their input on additional contact lists and location for an introductory meeting for the project.</p> <p>Future Activities: Once the grant is processed, the Center, in conjunction with MDE, will hold meetings, workshops, and focus groups, and disseminate information about the project and its progress in a variety of formats.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Central Chemical Superfund Site
City	Hagerstown
State	MD
EPA Region	Region 3
Community Contact	Kathleen Maher
State Contact	Andy Zahrins, Jim Richardson
EPA Contact	Eric Newman, Carrie Deitzel
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TOSC
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Central Chemical is on the NPL and still waiting to finish assessment and begin remediation. The Hagerstown Planning Department received a Superfund Redevelopment Initiative grant and formed a Future Land Use Committee to decide on reuse priorities. The PRP group has also formed a Community Liaison Panel to oversee the RI/FS process. Both groups would like TOSC to help review any existing documents held by either MDE or EPA, provide guidance on interpreting the environmental issues, to review redevelopment strategies suggested by the planning committee, and provide information on health effects related to contaminants. Contaminants of concern include arsenic, lead, mercury, benzene, benzo(a)pyrene, aldrin, a-chlordane, g-chlordane, DDD, DDE, DDT, dieldrin, and methoxychlor. The contamination is believed to impact on-site soil, ground water, surface water, sediment, and fish caught downstream.</p> <p>Activities: 1st QRTR, 2004</p> <p>Outreach staff attends the Community Liaison Panel's bi-monthly meetings providing technical assistance and data review as information becomes available. Staff also developed and distributed an educational fact sheet to the community explaining various terms related to contamination levels and cleanup. The Phase 1 Report was presented at the meeting on January 8, 2004 and discussion was held on the scope of Phase 2. Staff has been in communication with EPA regarding status of the final Phase 1 report and the Phase 2 work plan and when a copy will be available for review. Draft scope of Phase 2 was reported at the March 11, 2004 meeting.</p> <p>Future Activities Planned:</p> <p>Outreach staff will review the Phase 1 report and the Phase 2 work plan, continue participating in community meetings, and develop education materials where appropriate.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Brown Derby Abandoned Gas Station
City	Princess Anne
State	MD
EPA Region	Region 3
Community Contact	
State Contact	Karl Kalbacher, MDE
EPA Contact	
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description:</p> <p>This site is part of the MDE Brownfields Assessment Grant application to EPA. The Brown Derby is an abandoned gas station that has been vacant for 10-15 years. The USTs and fuel pumps are still present on site as well as propane tanks and evidence of a former dry cleaning business. A creek that drains into the Manokin River and a new housing development, Somerset Landing, borders the site.</p> <p>The Center has been contracted to perform community involvement related to the assessment project. In preparation of the grant submission, the Center began meeting and interviewing key informants to identify all possible stakeholders. The grant was awarded to MDE on 6/20/03. The Center will continue to identify interested parties and conduct outreach activities based on specific needs.</p> <p>Activities: 1st QRTR, 2004</p> <p>MDE and EPA continue negotiations on the final approved workplan for the site. The Center is waiting to hear from MDE about the proposed time schedule and MOU. In the meantime, Outreach staff has re-contacted various community members that had been interviewed originally to get their input on additional contact lists and location for an introductory meeting for the project.</p> <p>Future Activities:</p> <p>Once the grant is processed, the Center, in conjunction with MDE, will hold meetings, workshops, and focus groups, and disseminate information about the project and its progress in a variety of formats.</p>	

**Center for Hazardous Substances in Urban Environments
Outreach Activities Quarterly Report**

Project/Community Name	Lester's Garage Abandoned Gas Station
City	Salisbury
State	MD
EPA Region	Region 3
Community Contact	
State Contact	Karl Kalbacher, MDE
EPA Contact	
Institution/Center	University of Maryland School of Nursing
Outreach Director/Manager	Dr. Barbara Sattler
Project Manager/Coordinator	Robyn Gilden
Allocation (TOSC, TAB)	TAB
Project Environmental Issues, Center Commitments (MOU), and Activities Conducted:	
<p>Project Description:</p> <p>This site is part of the MDE Brownfields Assessment Grant application to EPA. This site is a former Getty service station and auto repair shop with UST's still present. Old cars and debris are on site and there is possible media contaminated with petroleum. The station has been abandoned for about 15 years, but the property appears to be in use. A day care center and older residences border the property.</p> <p>The Center has been contracted to perform community involvement related to the assessment project. In preparation of the grant submission, the Center began meeting and interviewing key informants to identify all possible stakeholders. The grant was awarded to MDE on 6/20/03. The Center will continue to identify interested parties and conduct outreach activities based on specific needs.</p> <p>Activities: 1st QRTR, 2004</p> <p>MDE and EPA continue negotiations on the final approved workplan for the site. The Center is waiting to hear from MDE about the proposed time schedule and MOU. In the meantime, Outreach staff has re-contacted various community members that had been interviewed originally to get their input on additional contact lists and location for an introductory meeting for the project.</p> <p>Future Activities:</p> <p>Once the grant is processed, the Center, in conjunction with MDE, will hold meetings, workshops, and focus groups, and disseminate information about the project and its progress in a variety of formats.</p>	