

## ***CAMDEN WATERFRONT SOUTH AIR TOXICS PILOT PROJECT***

Progress Report: April 29, 2003

### ***Sources/Emissions Inventory***

Site Visits: During April, Brad Bollen and Nancy Wilson visited the following facilities to gather information about potential air emissions.

Teideken Bros	Alnort Processing
Biothane	Camden State Inspection and Repair
Concord Chemical	International Resource Recovery
R&R Metal Fabricators	Drum Service of Camden
Gloucester City Terminal	Delaware Ship Supply Company
DelMonte	Joseph Oat Corp.
Camden Yards Steel	Air Products and Chemicals
Duro Plating	

Deleting Sites: The following sites have been recommended for deletion from the list since their air emissions appear to be minimal.

- Alnort Processing
- Biothane
- Camden State Inspection and Repair
- Campbell Soup
- Concord Chemical
- Drum Service of Camden
- Dynamic Blending
- International Resource Recovery
- R&R Metal Fabricators

Emission Rates: A student Intern has been preparing estimates of pollutant emissions to fill in the gaps on permits, etc. He has completed a first draft for the particulate emissions and is now working on breaking the gaseous emissions down into their various toxic components.

Shipping Traffic: We have received information regarding the total number of ships that stop at Broadway & Beckett Terminals each year, and also have some company-specific information.

Known Contaminated Sites: We have prepared a list of about 22 Known Contaminated Sites in Waterfront South and have marked their locations on our map of potential sources. The next step is to go through Department records to find out what kind of contamination each site has (that is, which pollutants they are contaminated with). For those sites with particulate contamination we may also gather information on vegetative cover and vehicle traffic since these will influence the amount of dust from the site.

### ***Modeling***

We have preliminary modeling for about 4 facilities. Each of the model runs have raised questions regarding emission rates, the location of sources, and the form of the pollutants; so new runs are being prepared.

### ***Monitoring***

We have been meeting weekly with our air monitoring staff to formulate a monitoring strategy. Three activities are being considered.

1. Bucket Brigade: We have received a copy of the Bucket Brigade Manual. This looks like a viable option. The details will be discussed with the Community Advisory Committee on April 29 and then the DEP will prepare a monitoring plan.
2. Neighborhood Survey Sampling: A proposal from RJK Consultants is being reviewed. This monitoring study would collect air samples downwind of CCMUA and Mafco using 3 types of equipment which would provide a snapshot of a wide range of pollutant concentrations.
3. Fixed Site Monitor: We are looking for a site where we can locate a fine particulate monitor for an extended period (perhaps 6 months).

### ***Risk Reduction Strategies***

Environmental Health Education: CCMUA is planning to host a Camden County Services Fair on May 16 & 17. DEP has requested space where we could provide Environmental Health Education information. Materials are being collected on the following topics: Asthma, Indoor Air Pollution, Lead, Fish Advisories, Particulate Matter, Risk Assessment, Idling Laws, and Diesel Emissions.

Pending Permits: We have been working with our computer people to find an automatic way to get a report on which facilities have permits pending in the Waterfront South area and what the permit applications are for. Sample copies will be distributed at the April 29 Community Advisory Committee meeting for comment.