

CAMDEN WATERFRONT SOUTH AIR TOXICS PILOT PROJECT

Progress Report: February 26, 2003

Sources/Emissions Inventory

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

- F.W. Winter
- Art Metal Craft
- S.L. Surface Technologies
- Duro Plating
- State Metal
- R. Fannelles & Sons
- Camden Iron & Metal - Front St. & Pine facility - "The Pier"
- Camden Iron & Metal - Front St. & Atlantic facility - "Shedder Facility"
- Innovative Recovery Products

Emission Rates: We have a student Intern starting with our program on March 3 who will be responsible for preparing estimates of pollutant emissions to fill in the gaps on permits, etc.

Truck Traffic: We found a series of reports on truck traffic that were prepared when the St. Lawrence Cement permit was being reviewed. This will provide some baseline data, but additional information will be requested from the Dept. of Transportation.

Known Contaminated Sites: We have an Intern gathering information on the 15-20 sites in the Waterfront South neighborhood that have been designated by NJDEP as "Known Contaminated Sites." We also received from Charles Lyons a copy of the "Waterfront South Brownfields Redevelopment Project" proposals and applications, which may provide additional information.

Pending Permits: We requested a report from our Permitting Bureau that lists all the permits that we have on-hand in the City of Camden. At the moment, it only contains facility names and addresses. We need to add information about the type of project and whether the emissions are changing. There are plans in the Department to make it easier for Citizens to request this type of information. In the meantime, we will continue to provide this information directly to our Committee. Comments on the format of the report would be appreciated.

Modeling

Nothing to report at this time. An overview of how modeling works and how we plan to use it for this project could be given at the March meeting.

Monitoring

Existing Data: We have a student Intern reviewing the PM-10 data that was collected by St. Lawrence Cement, looking for patterns of high concentrations or relationships to weather data.

New Data: We set out two sets of "passive" samplers at the Heart of Camden building to measure pollutants in the air. The samples are being analyzed by the Environmental and Occupational Health Sciences Institute (EOHSI) at Rutgers, New Brunswick. The results should be available in early March.

Mobile Monitoring Platform: A contract has been signed with Rutgers to build a Mobile Monitoring Platform for NJDEP. After the initial testing period (to make sure that everyone is working properly), we

plan to site it in Camden for a few months. The earliest time to begin sampling in Camden would be July 2003.

DOD Monitoring Trailer: The US Army has a monitoring trailer known as a ROVER (Real-time On-road Vehicle Emissions Reporter) that they use to measure emissions from sources such as Diesel trucks. Bill Lowry has spoken to the people at DOD who have this equipment and they may be able to make some modifications so that it can be used to collect air samples in Waterfront South.

Air Concentrations

Nothing to report at this time.

Risk Estimates

Draft List of Pollutants: We have started to compile a list of pollutants that might be included in this study so that we be prepared to evaluate the critical health effects when we get to the Risk Assessment step. A copy of the list is attached. We expect additional pollutants to be added.

Risk Reduction Strategies

To Do List

Organize meeting with Physicians (with help from Carol Wolfe)
Call Mark Richter