

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**BUREAU OF WASTE SITE CLEANUP**  
**MEMORANDUM**

TO: Dave Slowick, Section Chief, Emergency Response and  
Ben Fish, Site Management/Permits

FROM: Caprice Shaw, Brownfields

DATE: March 28, 2012

SUBJECT: Lunt Silversmith, 298 Federal Street, Greenfield

RTN: 1-17758 (currently listed as a less than)

On March 28, 2012, I received a call today from Valerie Tillinghast, LSP with OTO, on a status update of their EPA funded Phase I/II assessment of the site. She stated that there are confirmed groundwater impacts with TCE and other VOCs at the site and that groundwater is moving southwest towards Kenwood Street. Groundwater at the site is very shallow (<5 feet) and that the surrounding residential properties on Kenwood Street were of concern. Ms. Tillinghast stated that OTO installed monitoring wells along the residential properties and results came up non-detect. She stated that the source plume is being intercepted by a storm water drainage that the Greenfield DPW later confirmed empties at a small brook (Mead Brook) off of Solon Street. She is planning on testing the discharge point of this location.

She also stated that the Lunt Building has a basement area that floods periodically and that they confirmed through indoor air and soil gas surveys that vapor intrusion is an issue for both the factory and office area. She stated that levels were in the ppm range and since the building is unoccupied, there are no imminent hazards.

The source of groundwater contamination is suspected from five former degreasers that were located at the site. Only one presumed empty degreaser exists in the basement of the site.

The testing also reported metals above standards in the soil surrounding the property and silver dust-collected cyclone areas. She stated that the levels were not alarming and confirmed no imminent hazard conditions existed.

The large AST/boiler-room area was also of concern however she stated that soil was not heavily impact-just surface staining and that petroleum is not an issue at the site.

The work that Ms. Tillinghast is performing at the site is for the Town of Greenfield through an EPA assessment grant. The Town of Greenfield is considering taking the property for bankruptcy back taxes and redeveloping interest.

The property owner, Mr. James Lunt, is unaware of any of the findings. She stated that there is an RTN for this site (see above) and Mr. Lunt was issued an NOR on March 2, 2010. In the NOR, Mr. Lunt was asked to perform a limited subsurface investigation for the presence of tetrachloroethene, trichloroethene, cis-1,2-Dichloroethene, trans-1,2-dichloroethene, and vinyl chloride due to a DPS filing at an adjacent (southwestern) property, Goly's Garage. The LSI was due on June 29, 2010; however no report was submitted to the Department. Other file correspondence includes a note regarding the site filing for bankruptcy.

*Leah Silverman  
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On April 11<sup>th</sup>, 2012, Ms. Tillinghast informed MassDEP that OTO sampled the outfall of Mead Brook and submitted four samples for analysis. All samples came back non-detect for VOCs and TCE. OTO will forward results to MassDEP. Question came up to whether the source pathway was accurate and she stated that there are still unknowns and possibilities it is being directed in a different direction. Their funding to do the work is limited to amount and the City's goals for the project.