

**Interim Letter Report Final GSIP SOW
Source Area Investigation,
Roux Associates, 2002**

ROUX ASSOCIATES INC



25 CORPORATE DRIVE
SUITE 230
BURLINGTON, MASSACHUSETTS 01803 TEL: 781-270-6600 FAX: 781-270-9066

May 24, 2002

Mr. D. Michael Light
Industri-Plex Site Remedial Trust
c/o Solutia, Inc.
575 Maryville Centre Drive
St. Louis, Missouri 63141

Re: Source Area Investigation
Industri-Plex Site
Woburn, Massachusetts

Dear Mr. Light:

This interim letter report has been prepared by Roux Associates, Inc. (Roux Associates) to present the results of the supplemental Source Area Investigation activities recently conducted at the Industri-Plex Superfund Site in Woburn, Massachusetts. As requested by the U.S. Environmental Protection Agency, soil gas and geophysical surveys were conducted in three additional areas of the Industri-Plex Superfund Site to further evaluate the potential for sources of benzene and/or toluene to be present in these areas. The study areas, shown in Figure 1, include:

- An approximately 150-foot by 400-foot area encompassing the southern third of the Sacco property at 41 Atlantic Avenue ("Sacco Study Area");
- An approximately 200-foot by 350-foot area encompassing the storage yard used by the ABC Roofing Company (located at the western end of the building at 110 Commerce Way) and part of the Boston Edison right of way ("ABC Roofing Study Area"); and
- An irregularly shaped, approximately 120,000-square-foot area encompassing the parking lot at the northern end of the former Digital facility and other parts of the Boston Edison right of way ("Former Digital Study Area").

Soil gas surveys were conducted at all three study areas by Pine & Swallow Associates, Inc. (PSA), of Groton, Massachusetts, with oversight provided by Roux Associates. (Note: PSA also inadvertently collected five soil gas samples along a transect previously laid out within the Boston Edison right of way; this area has been incorporated into the "Former Digital Study Area.") Tabulated results of the soil gas surveys are included in PSA's report, which is provided Attachment 1. Benzene concentrations detected in soil gas at the three study areas are depicted in Figures 2 through 4. In these figures, a grid of squares was drawn overlaying the sampling grid, with the sampling point in the center of

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each square. Each square was assigned a color to indicate the range of the benzene concentration detected at the corresponding sampling point. The concentration range represented by the various colors is shown in each figure. As shown in all three figures, no significant concentrations of benzene were detected in soil gas in any of the three study areas.

Geophysical surveys were performed at all three study areas by Geophysics GPR International, Inc., of Westford, Massachusetts, with oversight by Roux Associates. The geophysical surveys included metal detection (EM-61) and ground penetrating radar (GPR) surveys. Graphical plots of the geophysical data are included in the Geophysics GPR International report provided in Attachment 2. The degree of correspondence between the soil gas and geophysical anomalies is shown in Figures 5 and 6 and Plate 1, which were created by superimposing the color-coded soil gas grids from Figures 2 through 4 onto the EM-61/GPR plots provided by Geophysics GPR International. As shown in Figures 5 and 6 and Plate 1, there is only slight correspondence between the few low-level benzene detections and the geophysical anomalies.

Sincerely,

ROUX ASSOCIATES, INC.



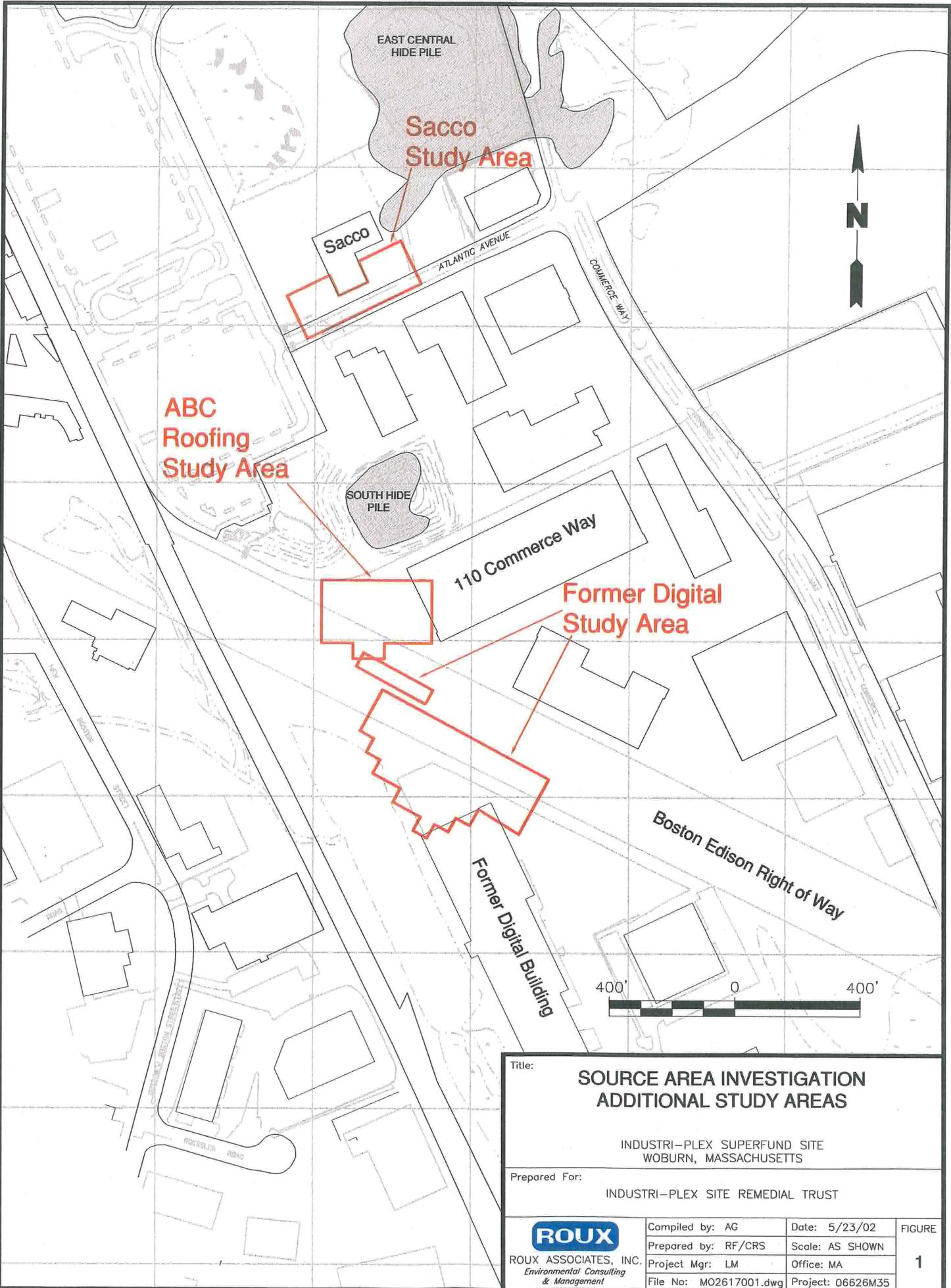
Anne Guimont
Staff Assistant Geologist



Lawrence McTiernan
Principal Hydrogeologist/Project Manager

Attachments

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<p>Title:</p> <h2 style="text-align: center;">SOURCE AREA INVESTIGATION ADDITIONAL STUDY AREAS</h2>			
<p>INDUSTRI-PLEX SUPERFUND SITE WOBURN, MASSACHUSETTS</p>			
<p>Prepared For:</p> <p style="text-align: center;">INDUSTRI-PLEX SITE REMEDIAL TRUST</p>			
 ROUX ASSOCIATES, INC. <i>Environmental Consulting & Management</i>	Compiled by: AG	Date: 5/23/02	FIGURE 1
	Prepared by: RF/CRS	Scale: AS SHOWN	
	Project Mgr: LM	Office: MA	
	File No: M02617001.dwg	Project: 06626M35	

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Benzene Concentrations (ppmv)

- 10-100
- Not Detected (<10)

Title: CONCENTRATIONS OF BENZENE IN SOIL GAS - SACCO STUDY AREA			
INDUSTRI-PLEX SUPERFUND SITE WOBURN, MASSACHUSETTS			
Prepared For: INDUSTRI-PLEX SITE REMEDIAL TRUST			
 ROUX ASSOCIATES, INC. <i>Environmental Consulting & Management</i>	Compiled by: AG	Date: 5/22/02	FIGURE 2
	Prepared by: RF/CRS	Scale: AS SHOWN	
	Project Mgr: LM	Office: MA	
	File No: M02617006.dwg	Project: 06626M35	

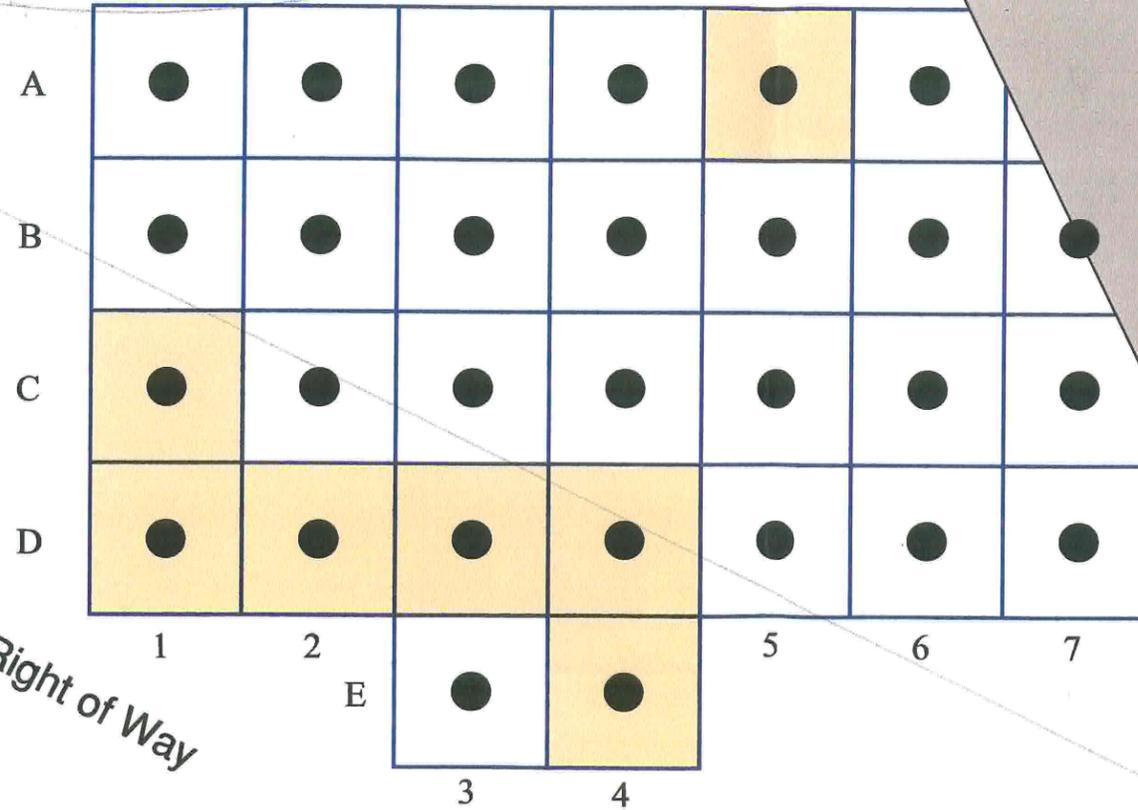
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South Hide Pile

ABC Roofing
(110 Commerce Way)

Boston Edison Right of Way



Benzene Concentrations (ppmv)



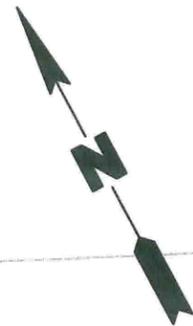
Title: CONCENTRATIONS OF BENZENE IN SOIL GAS - ABC ROOFING STUDY AREA

INDUSTRI-PLEX SUPERFUND SITE
WOBURN, MASSACHUSETTS

Prepared For: INDUSTRI-PLEX SITE REMEDIAL TRUST

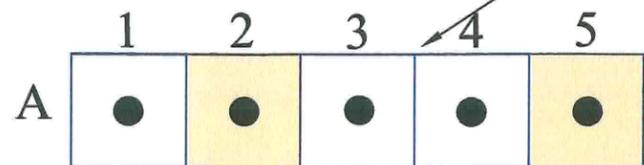
 ROUX ASSOCIATES, INC. <i>Environmental Consulting & Management</i>	Compiled by: AG	Date: 5/23/02	FIGURE 3
	Prepared by: RF/CRS	Scale: AS SHOWN	
	Project Mgr: LM	Office: MA	
	File No: M02617004.dwg	Project: 06626M35	

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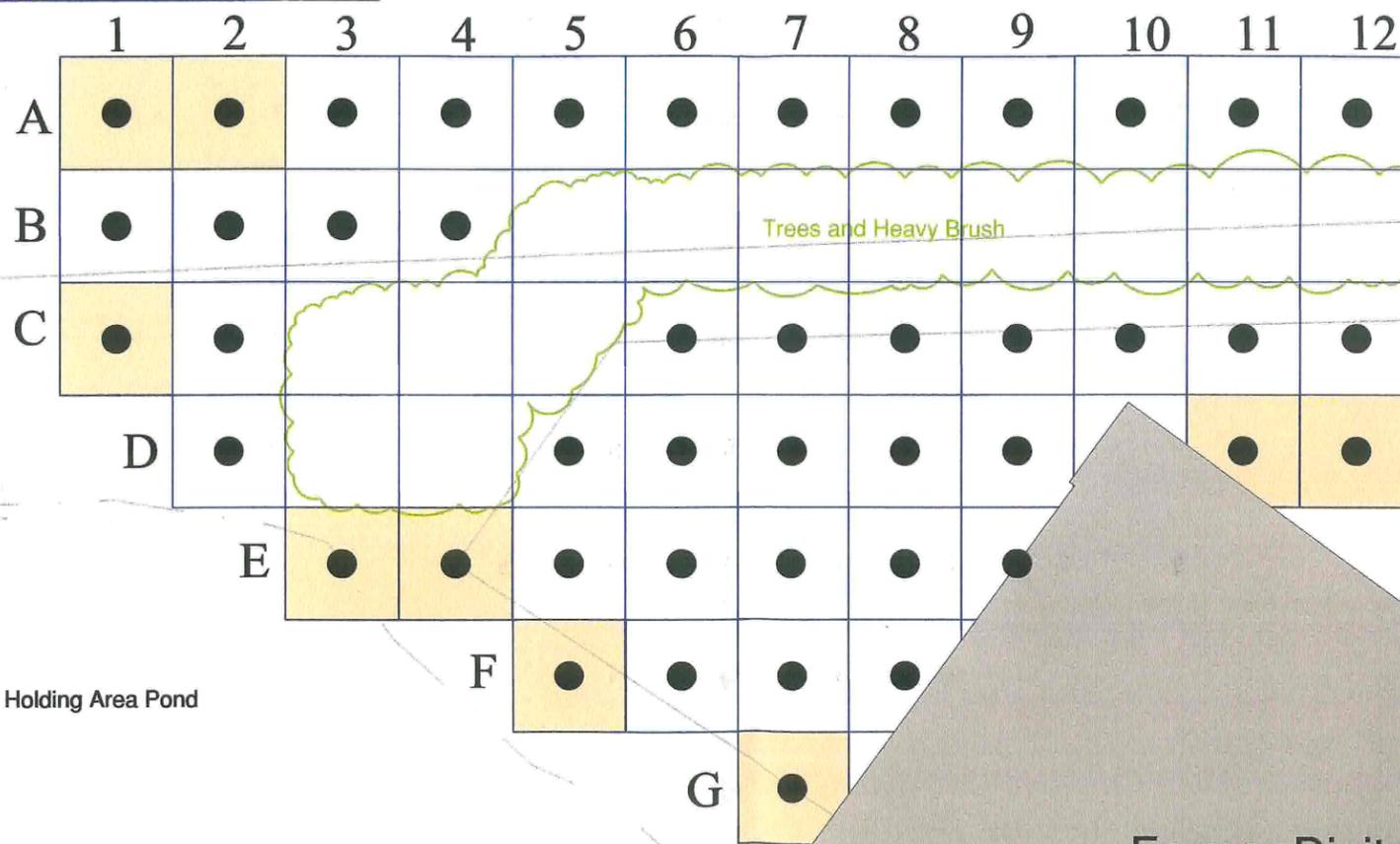
96 Commerce Way

Digital "DM" Grid



Boston Edison Right of Way

Digital "D" Grid



Trees and Heavy Brush

Benzene Concentrations (ppmv)

- 10-100
- Not Detected (<10)

Hall's Brook Holding Area Pond

Former Digital Building



Title: CONCENTRATIONS OF BENZENE IN SOIL GAS - FORMER DIGITAL STUDY AREA			
INDUSTRI-PLEX SUPERFUND SITE WOBURN, MASSACHUSETTS			
Prepared For: INDUSTRI-PLEX SITE REMEDIAL TRUST			
 ROUX ASSOCIATES, INC. <i>Environmental Consulting & Management</i>	Compiled by: AG	Date: 5/22/02	FIGURE 4
	Prepared by: RF/CRS	Scale: AS SHOWN	
	Project Mgr: LM	Office: MA	
	File No: M02617005.dwg	Project: 06626M35	